ICOM®

Icom America Inc.

Combined Product Catalog

August 2023

U.S. Amateur Retail
Product & Price Catalog

August 2023

Icom America Inc.

Contents

Handhelds

V86

VHF FM Transceiver

SPECS _____

Frequencies:	144-148MHz
Modes:	FM
Output Power:	7.0W, 5.5W, 2.5W, 0.5W (High, Mid, Low)
Channels:	207 (200 alphanumeric, 1 call, 6 scan edges)
Waterproof Rating:	IP54 dust-and splash proof
Weight:	10g (w/BP298)
Numbers in Case:	10
Warranty:	1 Year

FEATURES _____

Built-in DTCS/CTCSS encode/decode and tone scan
Internal VOX function
PC programmable
Selectable volume level, VFO/memory channel selection control
Mil Spec 810 C, D, E, F, G

SUPPLIED ACCESSORIES

Antenna (FA45V)
Battery (BP298)
Belt clip (MB124)
Charger (BC240)
1 year warranty

V86
VHF FM Transceiver

Configurations

Model	Description	MSRP
V86 12	2m 7W VHF handheld	$156.00

Accessories

Model	Description	MSRP
Antennas		
FAB45V	144-148MHz antenna	$21.00
Batteries		
BP263	Battery case that holds 6 AA alkaline batteries	$32.00
BP298	2250mAh li-ion battery	$77.00
BP299	3150mAh li-ion battery for the V86	$95.00
Belt Clips		
MB124	Alligator type belt clip	$13.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Chargers		
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC214N 27	Six unit charger for radios with the BP298/BP299 battery	$536.00
BC240	Rapid charger for the V86	$75.00
BC242	AC adapter	$26.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	$88.00
Headsets		
HS94LWP	Earhook headset with boom microphone with 2-pin screw down connector for hands-free operation.	$63.00
HS95LWP	Behind-the-head type with boom microphone with 2-pin screw down connector	$305.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
OPC2004LA	VOX conversion cable to to use the HS-97 for the F1000/D products	$28.00
VS4LA	PTT switch cable to communicate using the HS94/95/97	$123.00
Microphones		
HM158LA	Compact speaker microphone with revolving clip and earphone jack (right angle 2-pin screw down connector, stereo mic/mono speaker)	$50.00
HM159LA	Large speaker microphone with earphone jack and metal alligator clip (right angle 2-pin screw down connector, stereo mic/mono speaker)	$84.00
HM168LWP	Waterproof speaker microphone	$150.00
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	$34.00
Software & Cables		
CSV86	V86 programming software	$42.00

V86

VHF FM Transceiver

Accessories

Model	Description	MSRP
Wire Kits		
HM166LA	Earphone microphone with 2-pin right angle connector	$62.00

T10

VHF UHF Dual Band Transceiver

SPECS _____

Frequencies:	TX 144-148, 430-450MHz
	RX 136-174, 400-479MHz
Modes:	FM
Output Power:	5W/2.5W/0.5W
Channels:	208 (2 call and 6 scan edges)
Waterproof Rating:	IP67
Weight:	278g, 9.8oz (w/BP280)
Number in Case:	10

FEATURES _____

Home button for calling channel access
1500mW loud audio
PC programmable
Up to 11 hours of operation
6-character channel name
16 DTMF autodial memories
Priority, program, memory, skip, and tone scan
Direct-conversion system eliminates IF stages

SUPPLIED ACCESSORIES

Antenna (FASC270C)
Battery (BP280)
Belt clip (MB133)
Rapid charger (BC213)
AC adapter cable (BC242)
Owner's manual
Warranty: 1-year

T10
VHF UHF Dual Band Transceiver

Configurations

Model	Description	MSRP
T10 32 USA	5W VHF/UHF dual-band handheld	$259.00

Accessories

Model	Description	MSRP
Antennas		
FAS270C	Wideband RX antenna (SMA)	$37.00
Batteries		
BP280	Li-ion 7.2V 2280mAh battery	$100.00
Belt Clips		
MB133	Alligator type belt clip	$18.00
Chargers		
AD149H	IC-T10 DC battery adapter, requires the CP-12L or OPC-254L	$69.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC213	Rapid charger with a US plug for radios with the BP279/BP280 battery (BC-123SA or BC242 included)	$64.00
BC214	Six bank charger with US plug AC adapter and cups installed	$541.00
BC214E	Six bank charger with EURO plug AC adapter and cups installed	$541.00
BC242	AC adapter	$26.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	$88.00
Headsets		
HS94LWP	Earhook headset with boom microphone with 2-pin screw down connector for hands-free operation.	$63.00
HS95LWP	Behind-the-head type with boom microphone with 2-pin screw down connector	$305.00
Microphones		
HM158LA	Compact speaker microphone with revolving clip and earphone jack (right angle 2-pin screw down connector, stereo mic/mono speaker)	$50.00
HM159LA	Large speaker microphone with earphone jack and metal alligator clip (right angle 2-pin screw down connector, stereo mic/mono speaker)	$84.00
HM168LWP	Waterproof speaker microphone	$150.00
Software & Cables		
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
Wire Kits		
HM166LA	Earphone microphone with 2-pin right angle connector	$62.00

705

HF/50/144/440 MHz Multimode Transceiver

SPECS _____

Frequencies:	RX 0.030–199.999*1, 400.000–470.000* TX 1.800–1.999 3.500–3.999 5.255–5.405*1 7.000–7.300 10.100–10.150 14.000–14.350 18.068–18.168 21.000–21.450 24.890–24.990 28.000–29.700 50.000–54.000 144.000–148.000 430.000–450.000 * Some frequency bands are not guaranteed
Receiver System:	RF Direct Sampling at 0.030–24.999 MHz Down Conversion IF Sampling at 25 MHz and above
Modes:	USB, LSB, CW, RTTY, AM, DV, FM, WFM (Rx only)
Output Power:	13.8V DC (10W SSB/CW/RTTY/FM/DV) (2.5W AM) 7.4V DC (5W SSB/CW/RTTY/FM/DV) (1.25W AM)
DSP Type:	FPGA
Channels:	529 (500 regular, 25 scan edges, 4 call)
Weight:	2.4lbs (Including BP272)
Number in Case:	4

FEATURES _____

Real-time Spectrum Scope and Waterfall display
D-STAR functions
GPS location logging and internal clock synchronization
Large 4.3" color touch screen
Built-in Bluetooth™ and wireless LAN for smartphone linking and remote control
MicroSD card slot: store user profiles, QSO recording, TX voice memory keyer, RTTY logging, GPS data, and screen captures

SUPPLIED ACCESSORIES

Speaker microphone (HM243)
Battery pack (BP273)
DC power cable (OPC2421)
Owner's manual
Warranty: 1-year

705

HF/50/144/440 MHz Multimode Transceiver

Configurations

Model	Description	MSRP
705 32 USA	5-10W HF/6m/2m/70cm portable	$1,521.00

Accessories

Model	Description	MSRP
Antenna Tuners		
AH705	HF/6M automatic antenna tuner	$457.00
Antennas		
AL705	QRP portable magnetic antenna	$429.00
Batteries		
BP272	Li-ion 7.4V 2000mAh (typical capacity), 1880mAh (minimum value)	$164.00
BP307	Li-ion battery pack 7.2 V, 3 150 mAh (typ.)	$168.00
Cables		
OPC2417	Micro USB to micro USB cable	$28.00
OPC2418	USB type-C to micro USB cable	$28.00
OPC2421	DC power cable	$42.00
OPC2474	Control cable (5m, 16.4 ft)	$43.00
OPC2475	Coaxial cable (5m, 16.4 ft)	$80.00
OPC2477	Control cable, 2m, 6.6 ft for AH-705 & IC-705	$68.05
Carrying Cases		
LC192	Backpack for the IC-705 & IC-905	$215.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC202IP3AC	Kit includes BC-202IP3L rapid charger with BC-123SA AC adapter	$65.00
BC202IP3L	Rapid charger. Requires either BC123S, BC-228, or CP-25H.	$69.00
BC228	AC adapter for connectable chargers (BC226 & BC202IP3)	$79.00
CP25H	Cigarette lighter cable to use with the BC-202IP3L rapid charger	$29.00
Headsets		
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	$184.00
Microphones		
HM243	Speaker microphone for the IC-705 & IC-905	$107.00
Miscellaneous		
MBF705	Desktop tray for the IC-705 & IC-905	$53.00

705

HF/50/144/440 MHz Multimode Transceiver

Accessories

Model	Description	MSRP
Software & Cables		
RS-BA1 V2 22	IP remote control software for amateur radios	$158.00

ID52A

VHF UHF Dual Band Transceiver

SPECS _____

Frequencies:	TX 144-148, 430-450MHz
	RX 430-450MHz*
	Broadcast 88-108
	*Guaranteed range 144-148, 440-450MHz
Modes:	DV, FM, FM-N WGM*. AM*, AM-N*,
	*RX only
Output Power:	5W
Channels:	1000 memory channels, 4 call channels, 50 scan edges, 100 skip channels, 500 broadcast stations, 2500 repeaters, 300 call signs, and 300 GPS memories
Waterproof Rating:	IPX7
Weight:	330g, 11.6oz (w/BP272 & FAS270C)
Number in Case:	10

FEATURES _____

Large color screen
Bluetooth®
Waterfall display
Dualwatch function
Access point and terminal mode
D-STAR repeater function
D-STAR picture share
Built-in GPS/GLONASS receiver
MicroSD card slot
Micro USB connector
Improved heat dissipation efficiency
QSO log in CSV data format
Voice recorder function
750mW loud audio
Weather channel receive

SUPPLIED ACCESSORIES

Antenna (FAS270C)
Battery (BP272)
Belt clip (MB127)
Wall charger (BC167SA)
Hand strap
Owner's manual
Warranty: 1-year

ID52A
VHF UHF Dual Band Transceiver

Configurations

Model	Description	MSRP
ID52A 15 USA	D-STAR dual-band handheld with full color display	$734.00

Accessories

Model	Description	MSRP
Antennas		
AD92SMA	Antenna connector adapter to connect a BNC-type antenna	$22.00
FAS270C	Wideband RX antenna (SMA)	$37.00
Batteries		
BP272	Li-ion 7.4V 2000mAh (typical capacity), 1880mAh (minimum value)	$164.00
BP273	Battery case that holds 3 AA alkaline batteries	$72.00
BP307	Li-ion battery pack 7.2 V, 3 150 mAh (typ.)	$168.00
Belt Clips		
MB127	Alligator belt clip	$19.00
Cables		
OPC2144	Right angle plug adapter cable to plug old straight pin connector headsets into (recommended to use with OPC478UC when programming radios)	$38.00
OPC2417	Micro USB to micro USB cable	$28.00
OPC2418	USB type-C to micro USB cable	$28.00
OPC254L	Power supply cable; 10-14V DC required for high power output	$29.00
OPC515L	DC power cable for single unit rapid chargers	$28.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC167SA	Wall trickle charger; 100-240V with US style plug	$37.00
BC202IP3AC	Kit includes BC-202IP3L rapid charger with BC-123SA AC adapter	$65.00
BC202IP3L	Rapid charger. Requires either BC123S, BC-228, or CP-25H.	$69.00
BC228	AC adapter for connectable chargers (BC226 & BC202IP3)	$79.00
CP12L 21	Cigarette lighter cable with noise filter and right-angle connector. For direct use on the ID-52A.	$49.00
CP25H	Cigarette lighter cable to use with the BC-202IP3L rapid charger	$29.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
OPC2006LS	Adapter plug with VOX and no PTT to to use with the HS94/95/97	$37.00
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	$184.00
Microphones		
HM183LS	Waterproof compact speaker microphone (2pin connector)	$128.00
HM186LS	Compact speaker microphone with earphone jack (2 pin connector)	$69.00
SP40	Earphone with 3.5mm plug	$32.00

ID52A
VHF UHF Dual Band Transceiver

Accessories

Model	Description	MSRP
Wire Kits		
HM153LS	Microphone with 2.5mm earphone combination (right angle 2-pin connector)	$137.00
HM166LS	Earphone microphone with two pin right angle connector	$105.00

Mobiles

V3500

144 MHz FM Transceiver

SPECS _____

Frequencies:	TX: 136-174MHz Guaranteed range: 144-148MHz
Modes:	FM
Output Power:	65W/25W/10W/5W
Channels:	208 (200 alphanumeric memories, 1 call channel and 6 scan edges)
Weight:	2.4lb
Number in Case:	4

FEATURES _____

White LCD screen with day and night modes
1500mW speakers
Emergency call and speaker notification
Built-in CTCSS and DTCS
Dynamic back link scan function
16 DTMF autodial memory channels
Priority watch function
Wide/narrow channel setting
Power supply voltage setting
Power Supple voltage display
Remote programing via microphone

SUPPLIED ACCESSORIES

Remote control mic: HM-133V
Mounting bracket kit
Belt clip (MB-133)
DC power cable
Spare fuses
Owner's manual
Warranty: 1-year

Icom America Inc.

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V3500

144 MHz FM Transceiver

Configurations

Model	Description	MSRP
V3500 65 USA	65W 144MHz FM mobile with white display	$259.00

Accessories

Model	Description	MSRP
Cables		
OPC1132	DC power cable (9.8ft) with 2-pin T connector.	$48.00
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	$107.00
OPC589	Microphone adapter cable (8 pin to RJ-45)	$48.00
External Speakers		
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Microphones		
HM133V	Standard partial function remote microphone (squelch only) 2300H/V8000	$113.00
HM154	Simple microphone for Amateur mobile radios (RJ45)	$59.00
Software & Cables		
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

2730A

VHF/UHF Dual Band Transceiver

SPECS _____

Frequencies*:	Transmit: 144-148, 430-450MHz
	Receiver: 118-174, 375-550MHz
	*Guaranteed range: 144-148, 430-450MHz
Modes:	F2D, F3E
Output Power:	50/15/5W
Channels:	1052 (incl. 50 scan edges and 2 call)
Weight:	Main unit: 2.65lb
	Controller: 4.94oz
Number in Case:	5

FEATURES _____

Bluetooth® headset for hands free communication and remote control of the radio with three programmable buttons

Multiple mounting options

V/U, U/U simultaneous receive capability

Independent controls for each band

Durable PA module, 50W output power for VHF and UHF bands

104 DTCS and 50 CTCSS tone codes

Split tone function allows you to encode and decode different CTCSS/DTCS tones

Squelch delay and squelch attenuator

Sub band auto mute function

Sub band busy beep function

Auto repeater functions

Auto power off

Time-out-timer

16 DTMF auto dial memories

Weather channel receive with weather alert

CI-V remote control capability

SUPPLIED ACCESSORIES

Hand microphone (HM207)

DC power cable (OPC345A)

Controller cable (OPC837, 11.4ft)

Microphone hanger

Spare fuses

Owner's manual

Warranty: 1-year

Meets MIL-STD 810

2730A
VHF/UHF Dual Band Transceiver

Configurations

Model	Description	MSRP
2730A 35	VHF/UHF dual band transceiver	$387.00

Accessories

Model	Description	MSRP
Cables		
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	$107.00
OPC589	Microphone adapter cable (8 pin to RJ-45)	$48.00
Encryption & Internal Modules		
UT133	Bluetooth unit	$105.00
External Speakers		
SP30	20W large external speaker	$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Headsets		
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	$184.00
Microphones		
HM154	Simple microphone for Amateur mobile radios (RJ45)	$59.00
HM207	Control hand microphone (ID-5100)	$105.00
Mounting Hardware		
MB2730B	Base station mount (MBF4 + MBA4)	$91.00
MBA4	Bracket to attach the controller to the main unit	$69.00
MBF4	Mounting bracket for the ID5100	$38.00
Remote Mounting		
MB2730R	Remote head kit w/mobile bracket (MBF4 + MBA5)	$69.00
MB2730R1	Glass mount remote head kit w/mobile bracket (MBF1+MBF4+MBA5)	$160.00
MBA5	Bracket to attach the controller to the MBF-1	$43.00
MBF1	Remote head mount. Adhesive pad and adjustable pivot points holds it securely. Requires MBA5, MBA7 or MBA8.	$91.00
OPC1156	Remote head extension cable (3.5m)	$42.00
Software & Cables		
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

ID5100A

D-STAR Dual Band Digital Transceiver

SPECS _____

Frequencies:	TX 144-148, 430-450MHz
	RX 118-174, 375-550MHz
Type of Emission:	F2D, F3E, F7W
Modes:	FM, FM-N, DV, AM (receive only)
Output Power:	50W, 15W, 5W selectable
Channels:	1000 regular channels, 4 call channels, 50 program scan edges and 1200 repeater memories
Dimensions (W x H x D):	
Main Unit:	5.91x1.57x6.8in
Controller:	7.17x3.21x0.97in
Weight:	
Main Unit:	2.87lb
Controller:	9.17oz
Number in Case:	5

FEATURES _____

Intuitive touch screen operation
V/U, V/V, U/U Dual receive
DV Dualwatch
GPS receiver
DV/FM Repeater list function
Dplus reflector linking
Built-in CTCSS/DTCS encoder and decoder
Bluetooth options
Send pictures over DV mode
Menu-driven user interface
Convenient memory contents management using CSV data format
Speech function announces operating frequency, mode and received callsign (DV mode)
Enhanced D-PRS functions with object, position, item and weather formats

SUPPLIED ACCESSORIES

Hand microphone (HM-207)
Controller cable (OPC1154A 3.5M; 11.4ft)
Microphone hanger
CD (CS-5100 & instruction handbook PDF)
Spare fuse
Owner's manual
Warranty: 1-year

ID5100A
D-STAR Dual Band Digital Transceiver

Configurations

Model	Description	MSRP
ID5100AD 15 USA	Dual band, 2m/70cm (144-148/420-450MHz), D-Star mobile radio with MB-A2 remote mounting bracket included	$590.00

Accessories

Model	Description	MSRP
Cables		
OPC1132	DC power cable (9.8ft) with 2-pin T connector.	$48.00
OPC1529R	Data cable (RS232 to 3.5mm)	$44.00
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	$107.00
OPC589	Microphone adapter cable (8 pin to RJ-45)	$48.00
Encryption & Internal Modules		
UT133	Bluetooth unit	$105.00
External Speakers		
SP30	20W large external speaker	$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Headsets		
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	$184.00
Microphones		
HM154	Simple microphone for Amateur mobile radios (RJ45)	$59.00
HM207	Control hand microphone (ID-5100)	$105.00
Mounting Hardware		
MBF4	Mounting bracket for the ID5100	$38.00
Remote Mounting		
MBA2	Remote head mounting bracket for the ID5100A	$43.00
MBF1	Remote head mount. Adhesive pad and adjustable pivot points holds it securely. Requires MBA5, MBA7 or MBA8.	$91.00
OPC1156	Remote head extension cable (3.5m)	$42.00
Software & Cables		
OPC2218LU	Cloning/data cable with USB connector for ID51A/ID31A/5100A/7100	$81.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

HF

7100

HF/VHF/UHF Transceiver

SPECS _____

Frequencies:	RX 0.030-199.999, 400.000-470.000MHz* TX 1.800-1.999; 3.500-3.999; 5.255-5.405*; 7.000-7.300; 10.100-10.150; 14.000-14.350; 18.068-18.168; 21.000-21.450; 24.890-24.990; 28.000-29.700; 50.000-54.000; 144.000-148.000; 430.000-450.000MHz *Some frequency bands are not guaranteed
Receiver System:	SSB/AM/FM/DV
Modes:	USB, LSB, CW, RTTY, AM, DV, FM, WFM (RX only)

Output Power (at 13.8V DC):

	HF/50MHz	144MHz	430/440MHz
SSB/CW.RTTF/FM/DV	2-100W	2-50W	2-35W
AM	1-30W	-	-

DSP Type:	32-bit floating point IF DSP
Channels:	505 (495 regular, 4 call, 6 scan edges, 900 D-STAR repeater channels)
Weight:	Main unit 5.1 lb; Controller 1.1lb
Number in Case:	2

FEATURES _____

Touch screen control portal
Angled display
D-STAR ready
Digital features controlled by the IF DSP
Built-in SD Card Slot for voice storage and data cloing
Dual DSP chips deliver versatile digital processing performance
Muilt-in RTTV demodulator and decoder
Multi-function meter
SWR graphic display
DSP controller RF sppech compressor
Voice recording and playback functions
±0.5ppm high frequency stability
Optional RS-BA1 IP control remote control software

SUPPLIED ACCESSORIES

Hand microphone (HM198)
DC power cable
Separation cable (OPC2253)
USB cable
ACC cable (13-pin)
CW keyer plug
Spare fuses
Ferrite bead
Owner's manual
Warranty: 1-year

7100

HF/VHF/UHF Transceiver

Accessories

Model	Description	MSRP
Antenna Tuners		
AH730	Automatic antenna tuner, 1.8 – 54 MHz	$699.00
Antennas		
AH2B	Antenna element/base	$641.00
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	$2,468.00
Cables		
OPC1529R	Data cable (RS232 to 3.5mm)	$44.00
OPC2321	Control cable adapter to 4 pin type for AH740	$184.00
OPC589	Microphone adapter cable (8 pin to RJ-45)	$48.00
OPC599	Cable adapter converts 13-pin ACC connector to 7-pin & 8-pin ACC connector	$85.00
External Speakers		
SP33	Base station speaker (4Ohm)	$137.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Microphones		
HM151	Remote control microphone (7000/7100)	$154.00
HM198	Hand microphone for 7100	$59.00
SM30	Compact desktop microphone with low cut function	$239.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	$431.00
Mounting Hardware		
MB62	Main Unit mounting bracket for the 706 Series, 703 Series, 7000 & 7100	$53.00
Remote Mounting		
MBA1	Controller bracket for 7100	$42.00
MBF1	Remote head mount. Adhesive pad and adjustable pivot points holds it securely. Requires MBA5, MBA7 or MBA8.	$91.00
OPC2253	3.5m (11ft) separation cable	$81.00
OPC2254	5m (16ft) separation cable	$101.00
Software & Cables		
CS7100	Programming software for 7100	$89.00
OPC2218LU	Cloning/data cable with USB connector for ID51A/ID31A/5100A/7100	$81.00
RC28	Remote control USB encoder	$394.00
RS-BA1 V2 22	IP remote control software for amateur radios	$158.00

7300

HF/50MHz Transceiver

SPECS _____

Frequencies:	RX	0.030-74.800MHz*
	TX	1.800-1.999; 3.500-3.999; 5.255-5.405; 7.000-7.300; 10.100-10.150; 14.000-14.350; 18.068-18.168; 21.000-21.450; 24.890-24.990; 28.000-29.700; 50.000-54.000MHz
Receiver System:		Direct sampling superheterodyne
Modes:		SSB, CW, RTTY, AM, FM
Output Power:		100W (25W AM)
DSP Type:		FPGA
Channels:		101 (99 regular, 2 scan edges)
Weight:		9.26 lb
Number in Case:		2

FEATURES _____

Approximately 97dB RMDR
15 discrete band-pass filters
Large touch screen with waterfall function
Real-time spectrum scope
Built-in automatic antenna tuner
SD memory card slot for saving data
Cooling fan system
Multi-function meter
CW functions: full break-in, CW reverse, CW auto tuning

SUPPLIED ACCESSORIES

Microphone (HM219)
DC power cable
Spare fuses
Owner's manual
Warranty: 1-year

7300
HF/50MHz Transceiver

Configurations

Model	Description	MSRP
7300 02	HF/6m transceiver with an IF-DSP and internal ATU	$1,784.00

Accessories

Model	Description	MSRP
Antenna Tuners		
AH730	Automatic antenna tuner, 1.8 – 54 MHz	$699.00
Antennas		
AH2B	Antenna element/base	$641.00
AH710	Folded dipole antenna with an SO-239 connector. Covers 1.9 to 30MHz band. Length is approx 80.3ft.	$525.00
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	$2,468.00
Cables		
OPC2321	Control cable adapter to 4 pin type for AH740	$184.00
OPC2361	DC power cord with 25A fuse for 718/78/7300	$69.00
OPC599	Cable adapter converts 13-pin ACC connector to 7-pin & 8-pin ACC connector	$85.00
External Speakers		
SP33	Base station speaker (4Ohm)	$137.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
SP38	5W external speaker for HF radios	$226.00
SP41	5W external speaker for HF radios	$315.00
Microphones		
HM219	Hand microphone 7300/7610/9700	$58.00
SM30	Compact desktop microphone with low cut function	$239.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	$431.00
Mounting Hardware		
MB118	Mounting bracket for the 7200/7300/9700	$54.00
MB123	Carrying handle for 7300/9100/7410/9700	$37.00
Software & Cables		
RC28	Remote control USB encoder	$394.00
RS-BA1 V2 22	IP remote control software for amateur radios	$158.00

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7610

HF/50MHz Transceiver

SPECS _____

Frequencies:	RX 0.030-60.000MHz*
	TX 1.800-1.999; 3.500-3.999;
	5.255-5.405**, 7.000-7.300;
	10.100-10.150; 14.000-14.350;
	18.068-18.168; 21.000-21.450;
	24.890-24.990; 28.000-29.700;
	50.000-54.000MHz
	*Guaranteed range: 0.500-29.999, 50.000-54.000 MHZ **Some frequency bands are not guaranteed.
Receiver System:	Direct Sampling Superheterodyne
Modes:	USB, LSB, CW, RTTY, PSK31/63, AM, FM
Output Power:	SSB/CW/FM/RTTY/PSK: 1-100 W, AM: 1-25W
Channels:	101 (99 regular, 2 scan edges)
Weight:	18.7lb
Number in Case:	1

FEATURES _____

110dB RMDR to pull weak signals
Independent dual receiver
DIGI-SEL preselectors
Digital-UP-Conversion (DUC) for clean TX
Built-in automatic antenna tuner
7" color display with touch screen function
Dual receivers, dual spectrum scopes
SD card slot and USB port for saving data
I/Q signal output

SUPPLIED ACCESSORIES

_____

Microphone (HM219)
DC power cable
Spare fuses
Owner's manual
Warranty: 1-year

7610
HF/50MHz Transceiver

Configurations

Model	Description	MSRP
7610 22	100W HF/50MHz amateur radio base station	$4,514.00

Accessories

Model	Description	MSRP
Antenna Tuners		
AH730	Automatic antenna tuner, 1.8 – 54 MHz	$699.00
Antennas		
AH2B	Antenna element/base	$641.00
AH710	Folded dipole antenna with an SO-239 connector. Covers 1.9 to 30MHz band. Length is approx 80.3ft.	$525.00
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	$2,468.00
Cables		
OPC2321	Control cable adapter to 4 pin type for AH740	$184.00
External Speakers		
SP33	Base station speaker (4Ohm)	$137.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
SP38	5W external speaker for HF radios	$226.00
SP41	5W external speaker for HF radios	$315.00
Microphones		
HM219	Hand microphone 7300/7610/9700	$58.00
SM30	Compact desktop microphone with low cut function	$239.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	$431.00
Mounting Hardware		
MB121	Carrying handle for 7610	$35.00
Software & Cables		
RC28	Remote control USB encoder	$394.00
RS-BA1 V2 22	IP remote control software for amateur radios	$158.00

7851

HF/50MHz Transceiver

SPECS _____

Frequencies:	RX 0.030-60.000MHz*
	TX 1.800-1.999; 3.500-3.999;
	5.3305, 5.3465, 5.3665,
	5.3715, 5.4035**; 7.000-7.300;
	10.100-10.150; 14.000-14.350;
	18.068-18.168; 21.000-21.450;
	24.890-24.990; 28.000-29.700;
	50.000-54.000MHz
	*Some frequency ranges are not guaranteed. **Carrier point frequency..
Receiver System:	Double conversion super-heterodyne system
Modes:	USB, LSB, CW, RTTY, PSK31, AM, FM
Output Power:	SSB, CW, RTTY, PSK31, FM, AM 5 - 50W
Channels:	101 (99 regular, 2 scan edges)
Weight:	55lb
Number in Case:	1

FEATURES _____

1.2kHz "optimum" roofing filter
Dual scope function
High resolution spectrum waterfall
'+40dBm IP37-Inch Wide Color TFT LCD
Dual receivers
Dual receive controls
Multiple meter readouts
Multiple spectrum displays
Triple band stack registers
Four 32 bit floating point DSP units
Independent Digi-Sel controls
Dual digital twin PassBand tuning
More dual receive controls
Dual VFO tuning knobs
Independent auto tune
Digital voice recorder controls
Retractable controls
200W output power
CF card slot
Headphone jack
Independent AGC settings
3 roofing filters - 3kHz, 6kHz, 15kHz

SUPPLIED ACCESSORIES

CF memory card
AC power cable (built-in)
Rack mount handles
Spare fuses
Plugs & connectors
Owner's manual
Warranty: 2-year

7851

HF/50MHz Transceiver

Configurations

Model	Description	MSRP
7851 02	200W HF + 6m transceiver with 2 independent receivers, internal power supply and antenna tuner (ATU)	$17,009.00

Accessories

Model	Description	MSRP
External Speakers		
SP33	Base station speaker (4Ohm)	$137.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
SP38	5W external speaker for HF radios	$226.00
SP41	5W external speaker for HF radios	$315.00
Microphones		
SM30	Compact desktop microphone with low cut function	$239.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	$431.00
Software & Cables		
RC28	Remote control USB encoder	$394.00
RS-BA1 V2 22	IP remote control software for amateur radios	$158.00

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9700

VHF/UHF Transceiver

SPECS _____

Frequencies:	144.000-148.000, 430.000-450000, 1240.000-1300.000MHz
Modes:	SSB, CW, RTTY, AM, FM, DV, DD
Number of channels:	107 (99 Simplex + 6 Program scan edges + 2 CALL) x 3 bands, 99 (Satellite), 2500 (DR function)

Output power:

	144MHz	430/440MHz	1200MHz
SSB/CW/FM/RTTY/DV/DD (HF/50MHz)	0.5-100W	0.5-75W	0.1-10W
AM	0.125-25W	0.125-18.75W	0.025-2.5W

Weight (approx):	10.4lb
Number in Case:	2

FEATURES _____

RF direct sampling receiver for 2m and 70cm
Down conversion for 23cm that is between 311-371MHz
Supports CW/AM/SSB/SM/RTTY and D-STAR DV and DD modes
Digital Data (DD) mode provides 128 kbps data communication
D-STAR Terminal and Access Point mode (RS-MS3A/W)
Dual D-STAR receive (decodes two voice streams simultaneously)
Intuitive 4.3" Color touch screen display
Real-Time Spectrum Scope and Waterfall Display
Full duplex operation/Dual Watch (no V/V or U/U Capability)
Main or Sub-Band Scope (Center/Fix mode +/-500KHz Center Mode)
Independent Receiver, Full Duplex Operation
Audio Scope Function
Comprehensive Menus for Satellite Operation
      Normal and Reverse Tracking Functions
      AFC Function
      Up to 99 Satellite memory Channels

SUPPLIED ACCESSORIES

Hand microphone (HM219)
DC power cable
Owner's manual
Warranty: 1-year

9700
VHF/UHF Transceiver

Configurations

Model	Description	MSRP
9700 12	VHF/UHF transceiver	$2,340.00

Accessories

Model	Description	MSRP
Cables		
OPC2350LU	Smart phone data cable	$81.00
External Speakers		
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
SP38	5W external speaker for HF radios	$226.00
SP41	5W external speaker for HF radios	$315.00
Microphones		
HM219	Hand microphone 7300/7610/9700	$58.00
SM30	Compact desktop microphone with low cut function	$239.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	$431.00
Mounting Hardware		
MB118	Mounting bracket for the 7200/7300/9700	$54.00
MB123	Carrying handle for 7300/9100/7410/9700	$37.00
Software & Cables		
RS-BA1 V2 22	IP remote control software for amateur radios	$158.00

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905

144/430/440/1200/2400/5600 MHz & 10 GHz Multi-band Transceiver

SPECS _____

Frequencies 905:	144 - 148, 430 - 450, 1240 - 1300, 2300 - 2309.999999, 2390.000001 - 2450, 5650 -5925 MHz
Frequencies CX-10G:	10.000 - 10.500 GHz
Receiver System:	RF Direct Sampling: 144, 430/430440 MHz
	Down Conversion IF Sampling: 1200, 2400, 5600 MHz
	2400MHz Transverter + Down Conversion IF Sampling: 10GHz (w/CX-10G)
Modes:	USB, LSB, CW, RTTY, AM, DV, FM WFM (Rx only)
Output Power:	50W (VHF); 45W (UHF)
Channels:	500 memory, 50 scan edges, 2 call for each band
Weight (approx):	Controller unit: 940g, 2.1lb
	RF unit: 3.2kg. 7.1lb
	CX-10G: 13.4kg, 2.9lb
Number in Case:	4

FEATURES _____

Color touch screen
D-STAR functions
GPS-controlled oscillator
Power amp thermal protection function
One-touch FT8 mode preset
Optional CX-10G transverter for microwave communications
Quick data mode setting for SSTV, RTTY, PSK31, JT65B, and FT8
Real-time spectrum scope & waterfall
Separate controller and RF unit
SD card slot
USB Type-C™ connection for PC and mobile connector

SUPPLIED ACCESSORIES

Accessory connector
OPC-2488 (DC power cable)
GPS antenna
Cushion sheet
U-bolt clamp kit
CW key plug
Controller cable (5 m, 16.4 feet)
HM-243 (speaker-microphone)
RF unit bracket kit
Spare fuse
Owner's manual
Warranty: 1-year

905

144/430/440/1200/2400/5600 MHz & 10 GHz Multi-band Transceiver

Configurations

Model	Description	MSRP
905 12 USA	5 band multi-mode base, 2m, 70cm, 23cm, 13cm, 5cm	$3,999.00

Accessories

Model	Description	MSRP
Antennas		
AH100	Colinear antenna w/mount, 10GHz	$460.00
AH109PB 12	Parabolic antenna w/mount, 10.0 - 10.5GHz	$1,499.00
AH24	Colinear antenna w/mount, 2.4GHz	$460.00
AH56	Colinear antenna w/mount, 5.6GHz	$460.00
Carrying Cases		
LC192	Backpack for the IC-705 & IC-905	$215.00
Microphones		
HM243	Speaker microphone for the IC-705 & IC-905	$107.00
Miscellaneous		
CX-10G 15 USA	Transverter, 10.0 - 10.5GHz (0.5W)	$1,499.00
MBF705	Desktop tray for the IC-705 & IC-905	$53.00

Receivers

R6

Communications Receiver

SPECS _____

Frequencies:	0.100-1309.995MHz* *Blocked cellular frequency 824-849 and 869-894MHz **Unblocked for sale to Federal Government, export, or authorized end users only
Display Type:	LCD
Band Scope:	No
Receiver Type:	Triple conversion superheterodyne
Modes:	AM, FM, WFM
Channels:	1300 (50 scan edges and 200 auto memory write scan)
Auto Memory:	Yes
Alphanumeric Display:	6 Character
PC Programming:	Optional with CS-R6 software
PC Controllable:	Yes
Antenna Connector:	SMA
Weight:	7.1oz
Number in Case:	5

FEATURES _____

Wideband coverage
100 channels per second high speed scan
15 hours of continuous receive capability
VSC (Voice Squelch Control)
150mW audio output power
Earphone cord antenna for AM aviation and FM broadcasts
Duplex operation monitor
Priority watch function
Built-in audio low pass filter

SUPPLIED ACCESSORIES

Antenna (FAS270C)
Belt clip
Hand strap
Owner's manual
Warranty: 1-year

R6

Communications Receiver

Configurations

Model	Description	MSRP
R6 SPORT	Scanning receiver. Blocked version for consumer purchase. No supplied battery or charger. Requires 2 AA batteries.	$251.00
R6E	Unblocked receiver for Federal/Export Only. No supplied battery or charger. Requires 2 AA batteries.	$251.00

Accessories

Model	Description	MSRP
Antennas		
AD92SMA	Antenna connector adapter to connect a BNC-type antenna	$22.00
FAS270C	Wideband RX antenna (SMA)	$37.00
Microphones		
SP27	Acoustic tube earphone with a clip (3.5mm)	$38.00
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	$34.00
Software & Cables		
CSR6	Programming software fo R6	$89.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

R8600

Communications Receiver

SPECS _____

RX Frequencies:	10kHz – 3GHz
	Decodes digital including P25, NXDN™, D-STAR
	RX analog including USB, LSB, FSK, CW, AM, S-AM, FM & WFM
Channels:	2000 with 100 groups
	100 scan skip channels
	50 pairs scan edges
Versions:	Cellular frequencies blocked or unblocked
Number in Case:	2

FEATURES _____

Bandpass filters:
- 11 in the HF bands
- 13 in the VHF/UHF bands

FPGA processing provides clarity and accuracy of received signals
Real-time spectrum scope
Waterfall screen
4.3" color display
Touch screen function
RSSI
SD card slot for received log, decode log and voice recording
Screen capture function saves a screen shot in PNG or BMP format
I/Q signal output for use with future firmware upgrade and third-party SDR software and/or external decoding
Remote control function through IP network of USB cable
Scans up to 100 channels per second in memory scan mode
Three antenna connectors: SO-239, photo (RCA), type-N
Clock and NTP FUNCTION
Center tuning meter and digital auto frequency control (AFC) for FM, WFM and digital modes
Voice synthesizer function
Audio tone functions: HPF/LPF, bass, treble and de-emphasis
Decode multiple digital code used in digital mode
IP+ function improves 3rd order intercept point performance
Main dial friction adjustment
Dial lock and panel lock
CI-V remote control commands

SUPPLIED ACCESSORIES

DC power cable
Plugs and fuses
Owner's manual
Warranty: 1-year

R8600
Communications Receiver

Configurations

Model	Description	MSRP
R8600 02	Blocked super wideband 10 kHz to 3 GHz communication receiver	$3,254.00
R8600 04	Unblocked super wideband 10 kHz to 3 GHz communication receiver	$3,254.00

Accessories

Model	Description	MSRP
Antennas		
AH710	Folded dipole antenna with an SO-239 connector. Covers 1.9 to 30MHz band. Length is approx 80.3ft.	$525.00
AH8000	Discone antenna wideband RX TX 100-3300MHz	$362.00
Chargers		
AD55NS	100-240V power supply for the R8600 with a US plug	$80.00
External Speakers		
SP39AD	External speaker with 15V/2A power supply for the R8600	$347.00
Mounting Hardware		
MB123	Carrying handle for 7300/9100/7410/9700	$37.00
Software & Cables		
CSR8600	R8600 programming software	$100.00
RSR8600	Remote control software	$210.00

R9500

Communications Receiver

SPECS _____

Frequencies:	0.005-3335.000MHz*
	*Cellular bands are blocked in U.S.A. version
Display Type:	TFT LCD (800x480)
Band Scope:	Multi-Function Spectrum Scope
Receiver Type:	Super heterodyne
Modes:	USB, LSB, CW, FSK, AM, FM, WFM, P25* (*optional UT-122 Required)
Channels:	1220 (1000 regular, 100 auto memory write channels, 100 memory scan skip, and 20 scan edges)
Scan Edges:	20 Pair
AFC:	Yes (FM/WFM mode only)
VSC:	Yes
Alphanumeric Display:	Yes
PC Programming:	Yes
PC Controllable:	Yes

TCSS Tone:	Standard
Attenuation:	3 levels (10dB, 20dB, 30dB)
Power Supply:	100V/120V/230V/240V AC
Antenna Connector:	4 (SO-239, RCA, 2 type-N)
Weight:	44.1lb
Number in Case:	1

FEATURES _____

Wideband coverage

+40dBm 3rd order intercept point and 109dB dynamic range* (*At 14.1MHz)

Multi-function high performance spectrum scope

±0.05ppm high frequency stability

±3dB* accuracy of dBμ/dBμ(emf) /dBm meter (*10 to 70dBμ signal between 100kHz to 3335MHz at 25°C)

SSB/CW/AM mode auto tuning function

Optional P25 digital mode reception

Professional grade operation, functionality and build

SUPPLIED ACCESSORIES

AS power cable

Carrying handles

RCA plugs

DC power plug

ACC plugs

Speaker plugs

Spare fuses

Owner's manual

Warranty: 1-year

R9500

Communications Receiver

Configurations

Model	Description	MSRP
R9500 02	Blocked version for consumer purchase	$17,324.00

Accessories

Model	Description	MSRP
Antennas		
AH8000	Discone antenna wideband RX TX 100-3300MHz	$362.00

Repeaters

D-STAR REPEATERS

Third-Generation D-STAR Repeater

SPECS _____

Frequencies:	144-148, 440-450, 1240-1300
Modes:	FM/DV/DD
Output Power:	ID-PR2010V:25W
	ID-RP4010V 25W
	ID-RP1200VD: 10W
Size:	19-inch rack mount, 2U height
Weight:	13.2 lbs
Number in Case:	1

FEATURES _____

DD mode operation (ID-RP1200VD only)
Mixed mode operation
LTE capable
RF direct sampling and FPGA platform
High duty cycle operation
CW ID/Voice ID transmitter
SD card slot for firmware updates, save setting data, FM mode, and Voice ID

SUPPLIED ACCESSORIES

DC power cable (3m, 9.8ft)
Ethernet cable (0.6m, 2.0 ft)
USB cable (1m, 3.2 ft)
Fuses
Rubber stands
Allen wrench
Warranty: 1-year

D-STAR REPEATERS

Third-Generation D-STAR Repeater

Configurations

Model	Description	MSRP
IDRP1200VD 31	25W, 1240-1300 MHz D-STAR repeater, 2U height DV/DD/FM modes.	$1,889.00
IDRP2010V 31	25W, 144-148 MHz D-STAR repeater, 2U height DV/FM modes.	$1,889.00
IDRP4010V 31	25W, 440-450 MHz D-STAR repeater, 2U height DV/FM modes.	$1,889.00

Accessories

Model	Description	MSRP
Software & Cables		
RSRP3 G3	Gateway software (courtesy software)	$0.00

Discontinued Radios

718

HF All Band Transceiver is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories.

Accessories

Model	Description	MSRP
Antenna Tuners		
AH730	Automatic antenna tuner, 1.8 – 54 MHz	$699.00
Antennas		
AH2B	Antenna element/base	$641.00
AH710	Folded dipole antenna with an SO-239 connector. Covers 1.9 to 30MHz band. Length is approx 80.3ft.	$525.00
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	$2,468.00
Cables		
OPC025D	12V DC power cord with 6-pin connector for HF radios (718/706MK2/G/756PRO/2)	$48.00
OPC2321	Control cable adapter to 4 pin type for AH740	$184.00
OPC2361	DC power cord with 25A fuse for 718/78/7300	$69.00
OPC599	Cable adapter converts 13-pin ACC connector to 7-pin & 8-pin ACC connector	$85.00
External Speakers		
SP33	Base station speaker (4Ohm)	$137.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Microphones		
HM219	Hand microphone 7300/7610/9700	$58.00
SM30	Compact desktop microphone with low cut function	$239.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	$431.00
Mounting Hardware		
MB23	Carry handle and mounting hardware for the IC-718/77/707/821H/R8500/R75	$23.00

2300H

2M Mobile Transceiver is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories.

Accessories

Model	Description	MSRP
Cables		
OPC1132	DC power cable (9.8ft) with 2-pin T connector.	$48.00
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	$107.00
OPC589	Microphone adapter cable (8 pin to RJ-45)	$48.00
External Speakers		
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Microphones		
HM133V	Standard partial function remote microphone (squelch only) 2300H/V8000	$113.00
HM154	Simple microphone for Amateur mobile radios (RJ45)	$59.00
Software & Cables		
CS2300H	Cloning software for 2300H	$89.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

V80 Sport

VHF FM Transceiver is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	MSRP
Batteries		
BP263	Battery case that holds 6 AA alkaline batteries	$32.00
BP265	Li-ion 7.4V 1900mAh	$85.00
Belt Clips		
MB124	Alligator type belt clip	$13.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC147SA	AC adapter for trickle chargers; 100-240V with a US style plug	$23.00
BC147SE 15	AC adapter for trickle chargers; 230V with a Euro style plug	$17.00
BC193	Rapid charger for radios with BP265 Li-ion battery; 100-240V with US style plug	$72.00
BC193E	Rapid charger for radios with BP265 Li-ion battery; 100-240V with Euro style plug	$72.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	$88.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
OPC2004	Adapter plug to to use the HS94/95/97 for the F3001/4001/3101D/4101D & V80	$28.00
Microphones		
HM158LA	Compact speaker microphone with revolving clip and earphone jack (right angle 2-pin screw down connector, stereo mic/mono speaker)	$50.00
HM159LA	Large speaker microphone with earphone jack and metal alligator clip (right angle 2-pin screw down connector, stereo mic/mono speaker)	$84.00
Software & Cables		
CSV80	V80 software	$63.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
Wire Kits		
HM166LA	Earphone microphone with 2-pin right angle connector	$62.00

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ID4100A

D-Star Dual Band Digital Transceiver is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	MSRP
Cables		
OPC1529R	Data cable (RS232 to 3.5mm)	$44.00
OPC2350LU	Smart phone data cable	$81.00
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	$107.00
OPC589	Microphone adapter cable (8 pin to RJ-45)	$48.00
Encryption & Internal Modules		
UT137	Bluetooth unit	$105.00
External Speakers		
SP30	20W large external speaker	$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Headsets		
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	$184.00
Microphones		
HM154	Simple microphone for Amateur mobile radios (RJ45)	$59.00
Mounting Hardware		
MBF4	Mounting bracket for the ID5100	$38.00
Remote Mounting		
MBA8	Controller bracket for ID4100A	$42.00
MBF1	Remote head mount. Adhesive pad and adjustable pivot points holds it securely. Requires MBA5, MBA7 or MBA8.	$91.00
OPC1156	Remote head extension cable (3.5m)	$42.00
Software & Cables		
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

ID31A & ID51A

ID31A & ID51A are discontinued and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	MSRP
Antennas		
AD92SMA	Antenna connector adapter to connect a BNC-type antenna	$22.00
FAS270C	Wideband RX antenna (SMA)	$37.00
Batteries		
BP271	Li-ion 7.4V 1200mAh (typical capacity), 1150mAh (minimum value)	$106.00
BP272	Li-ion 7.4V 2000mAh (typical capacity), 1880mAh (minimum value)	$164.00
BP273	Battery case that holds 3 AA alkaline batteries	$72.00
Belt Clips		
MB127	Alligator belt clip	$19.00
Cables		
OPC2144	Right angle plug adapter cable to plug old straight pin connector headsets into (recommended to use with OPC478UC when programming radios)	$38.00
OPC2350LU	Smart phone data cable	$81.00
OPC254L	Power supply cable; 10-14V DC required for high power output	$29.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC167SA	Wall trickle charger; 100-240V with US style plug	$37.00
BC167SD	Wall trickle charger; 100-240V with Euro style plug	$42.00
BC211	Rapid rate 6-unit charger for radios with the BP271/BP272	$545.00
CP12L 21	Cigarette lighter cable with noise filter and right-angle connector. For direct use on the ID-52A.	$49.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
OPC2006LS	Adapter plug with VOX and no PTT to to use with the HS94/95/97	$37.00
OPC2328	Adapter plug with PTT to to use with the HS94/95/97	$107.00
Microphones		
HM183LS	Waterproof compact speaker microphone (2pin connector)	$128.00
HM186LS	Compact speaker microphone with earphone jack (2 pin connector)	$69.00
SP40	Earphone with 3.5mm plug	$32.00
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	$34.00
Software & Cables		
OPC2218LU	Cloning/data cable with USB connector for ID51A/ID31A/5100A/7100	$81.00
Wire Kits		
HM153LS	Microphone with 2.5mm earphone combination (right angle 2-pin connector)	$137.00

Accessories

Model	Description	MSRP
HM166LS	Earphone microphone with two pin right angle connector	$105.00

9100

HF/VHF/UHF Transceiver is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	MSRP
Antennas		
AH2B	Antenna element/base	$641.00
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	$2,468.00
Cables		
OPC1457	DC power cord with 4-pin connector and 30A fuse for 7000/7200/7410/7600/9100	$95.00
OPC1529R	Data cable (RS232 to 3.5mm)	$44.00
OPC2321	Control cable adapter to 4 pin type for AH740	$184.00
OPC599	Cable adapter converts 13-pin ACC connector to 7-pin & 8-pin ACC connector	$85.00
External Speakers		
SP33	Base station speaker (4Ohm)	$137.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Microphones		
SM30	Compact desktop microphone with low cut function	$239.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	$431.00
Mounting Hardware		
MB123	Carrying handle for 7300/9100/7410/9700	$37.00
Software & Cables		
CS9100	Cloning software for 9100	$89.00
RC28	Remote control USB encoder	$394.00
RS-BA1 V2 22	IP remote control software for amateur radios	$158.00

T70A

VHF/UHF FM Transceiver is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	MSRP
Antennas		
AD92SMA	Antenna connector adapter to connect a BNC-type antenna	$22.00
FAS270C	Wideband RX antenna (SMA)	$37.00
Batteries		
BP263	Battery case that holds 6 AA alkaline batteries	$32.00
BP264	Ni-MH 7.2V 1400mAh	$54.00
BP265	Li-ion 7.4V 1900mAh	$85.00
Belt Clips		
MB124	Alligator type belt clip	$13.00
Cables		
OPC254L	Power supply cable; 10-14V DC required for high power output	$29.00
OPC515L	DC power cable for single unit rapid chargers	$28.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC193	Rapid charger for radios with BP265 Li-ion battery; 100-240V with US style plug	$72.00
BC193E	Rapid charger for radios with BP265 Li-ion battery; 100-240V with Euro style plug	$72.00
CP12L 21	Cigarette lighter cable with noise filter and right-angle connector. For direct use on the ID-52A.	$49.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	$88.00
Microphones		
SP27	Acoustic tube earphone with a clip (3.5mm)	$38.00
Software & Cables		
CST70	T70A software	$53.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

7200

HF/50MHz Transceiver is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	MSRP
Antennas		
AH2B	Antenna element/base	$641.00
AH710	Folded dipole antenna with an SO-239 connector. Covers 1.9 to 30MHz band. Length is approx 80.3ft.	$525.00
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	$2,468.00
Cables		
OPC1457	DC power cord with 4-pin connector and 30A fuse for 7000/7200/7410/7600/9100	$95.00
OPC2321	Control cable adapter to 4 pin type for AH740	$184.00
OPC599	Cable adapter converts 13-pin ACC connector to 7-pin & 8-pin ACC connector	$85.00
External Speakers		
SP33	Base station speaker (4Ohm)	$137.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Microphones		
SM30	Compact desktop microphone with low cut function	$239.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	$431.00
Mounting Hardware		
MB118	Mounting bracket for the 7200/7300/9700	$54.00
Software & Cables		
RC28	Remote control USB encoder	$394.00
RS-BA1 V2 22	IP remote control software for amateur radios	$158.00

92AD

Dual Band Handheld Transceiver is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	MSRP
Antennas		
AD92SMA	Antenna connector adapter to connect a BNC-type antenna	$22.00
FAS270C	Wideband RX antenna (SMA)	$37.00
Cables		
OPC254L	Power supply cable; 10-14V DC required for high power output	$29.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC167SA	Wall trickle charger; 100-240V with US style plug	$37.00
BC167SD	Wall trickle charger; 100-240V with Euro style plug	$42.00
CP12L 21	Cigarette lighter cable with noise filter and right-angle connector. For direct use on the ID-52A.	$49.00
Microphones		
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	$34.00

R30

Communications Receiver is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	MSRP
Batteries		
BP287	2800mAh li-ion 7.2V battery	$158.00
BP293	Battery case 3 x AA	$63.00
Belt Clips		
MB133	Alligator type belt clip	$18.00
Carrying Cases		
LC189	R30 carrying case	$35.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC223	Rapid charger for R30; 100-240V with a US style plug	$74.00
Headsets		
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	$184.00
Microphones		
SP40	Earphone with 3.5mm plug	$32.00
Miscellaneous		
MSD CARD	32GB micro SD card	$32.00
Software & Cables		
CSR30	Programming software for R30	$100.00

Support Services

Model	Description	MSRP	UOM	Category
CONTROL STATION ASSEMBLE	Icom America factory mobile Radio/Mainframe install into power supply and cabinet to make control station.	$ 20.00	EA	Landmobile
ENGRAVE	Icom America factory engraving for Radio/Mainframes	$ 40.00	EA	All
EXTWARR211	Icom 1 year extended warranty for a total 3 years for low tier Radio/Mainframes	$ 25.00	EA	Landmobile
EXTWARR212	Icom 2 year extended warranty for a total 4 years for low tier Radio/Mainframes	$ 44.00	EA	Landmobile
EXTWARR213	Icom 3 year extended warranty for a total 5 years for low tier Radio/Mainframes	$ 62.00	EA	Landmobile
EXTWARR611	Icom 1 year extended warranty for mid tier Radio/Mainframes	$ 40.00	EA	Landmobile
EXTWARR612	Icom 2 year extended warranty for mid tier Radio/Mainframes	$ 70.00	EA	Landmobile
EXTWARR613	Icom 3 year extended warranty for mid tier Radio/Mainframes	$ 110.00	EA	Landmobile
EXTWARR811	Icom 1 year extended warranty for P25 Radio/Mainframes	$ 65.00	EA	Landmobile
EXTWARR812	Icom 2 year extended warranty for P25 Radio/Mainframes	$ 93.00	EA	Landmobile
EXTWARR813	Icom 3 year extended warranty for P25 Radio/Mainframes	$ 130.00	EA	Landmobile
EXTWARR912	Icom 1 year extended warranty for Landmobile HF Radio/Mainframes	$ 125.00	EA	Landmobile
EXTWARR913	Icom 2 year extended warranty for Landmobile HF Radio/Mainframes	$ 160.00	EA	Landmobile
EXTWARR914	Icom 3 year extended warranty for Landmobile HF Radio/Mainframes	$ 245.00	EA	Landmobile
EXTWARRPT1	Icom 1 year extended warranty, a total 3 years for Repeater/Mainframes	$ 180.00	EA	Landmobile
EXTWARRPT2	Icom 2 year extended warranty, a total 4 years for Repeater/Mainframes	$ 325.00	EA	Landmobile
EXTWARRPT3	Icom 3 year extended warranty, a total 5 years for Repeater/Mainframes	$ 465.00	EA	Landmobile
IASTUN1001	Icom America factory to tune your System Products	$ 75.00	EA	Landmobile
INSTALLATION AVIONICS	Icom America factory installation charge for Avionics Radio/Mainframes	$ 75.00	EA	Avionics
INSTALLATION MARINE	Icom America factory installation for Marine Radio/Mainframes	$ 40.00	EA	Marine
INSTALL-IAS	Icom America factory installation of a System component into a repeater or cabinet	$ 75.00	EA	Landmobile Systems
INSTALL-MF	Icom America factory installation of a component into a Landmobile mobile or portable Radio/Mainframes	$ 40.00	EA	Landmobile
PROG-IAS	Icom America factory to program your Systems product	$ 75.00	EA	Landmobile Systems
PROGLM6789	Icom America factory to program your Radio/Mainframes or Systems product	$ 70.00	EA	Landmobile Systems
PROG-MF	Icom America factory to program your land mobile Radio/Mainframe with provided icf file or 1 to 2 channels	$ 40.00	EA	Landmobile
PROGRAMMING AVIONICS	Icom America factory programming for Avionics Radio/Mainframe	$ 40.00	EA	Avionics
PROGRAMMING MARINE	Icom America factory programming for Marine Radio/Mainframe	$ 40.00	EA	Marine
QCRRS01	Icom Comprehensive Repair IDAS 3yrs enhanced extended warranty for selected landmobile Radio/Mainframes	$ 283.33	EA	Landmobile (IDAS Products Only)
QCRRS09	Icom Comprehensive Repair P25 3yrs enhanced enhanced extended warranty for selected landmobile Radio/Mainframes	$ 325.00	EA	Landmobile (P25 Products Only)
QENG-PH	Icom America Engineering Support for Radio/Mainframe - per hour	$ 266.67	HR	All
QFS-1D	Icom OnSite Technical/Field Support for Radio/Mainframe - 1st Day	$ 7,790.00	EA	All
QFS-AD	Icom OnSite Technical/Field Support for Radio/Mainframe - Additional Days	$ 4,540.00	EA	All
QFS-PH	Icom Field/Design Support for Radio/Mainframe - per hour	$ 250.00	HR	All
QNS-H	Icom Network Phone Support for Radio/Mainframe - per hour	$ 292.84	HR	Network

Support Services

Model	Description	MSRP	UOM	Category
QPPR-EA	Icom America factory pad printing fee per Radio/Mainframes	$ 16.67	EA	All
QPPR-SU	Icom Set up fee per design plate for pad printing for Radio/Mainframes	$ 208.33	EA	All
QTT-24PS-D	Icom 24/7/365 Phone Support - Monthly rate with year contract, default (non-IAS) designed	$ 857.10	EA	Landmobile Systems
QTT-24PS-I	Icom 24/7/365 Phone Support - Monthly rate with year contract, IAS designed & tested	$ 571.40	EA	Landmobile Systems
QTT-OS1D	Icom On-Site Technical Training 1st Day, Up to 6 People	$ 7,790.00	EA	All
QTT-OSAD	Icom On-Site Technical Training Additional Days, Up to 6 People	$ 4,540.00	EA	All
QTT-OSPH	Icom Technical online training from their desk	$ 250.00	HR	All
SERVICE/SALE BUILD-UP IAS	Icom Systems general Radio/Mainframe support - per hour	$ 171.42	HR	Landmobile Systems

ICOM

U.S. Amateur Retail
Product & Price Catalog

Icom America Inc.

U.S. Aviation Retail

Product & Price Catalog

August 2023

Icom America Inc.

Contents

Handhelds

A16

VHF Air Band Transceiver

SPECS _____

Frequencies:

	Tx	118.000-136.99166MHz
	Rx	108.000-136.99166MHz
	(Weather)	161.650-163.275MHz

Output Power: 6.0W (PEP), 1.8W (carrier)
Channels: 200
Channel Spacing: 8.33kHz/25kHz
Display: LCD and keypad backlight
Mode: AM (6K00A3E)
                       FM (16K0G3E)
Mil Spec: MIL 810 C,D,E,F, G
Waterproof Rating: IP67/IP54
Weight: 9.1 oz (with BP280)
Version: Communications only
                       Communications only with
                       Bluetooth

FEATURES _____

Compact, light weight and rugged body
Large capacity Li-ion battery
1500mW loud audio for clear communications
Bluetooth® version for hands-free operation
LCD and key backlight for night time operation
Compatible with third-party aviation headsets
Auto Noise Limiter (ANL) for noise reduction
Internal VOX capability
BNC type antenna connector

COMES WITH _____

Battery (BP280)
Charger (BC213)
AC adapter (BC123SA)
Belt clip (MB133)
Antenna (FAB02AR)
Handstrap
Owner's manual
Warranty: 3-Year

A16
VHF Air Band Transceiver

Configurations

Model	Description	MSRP
A16 41 USA	Communications only avionics handheld with full keypad	$441.00
A16B 31 USA	Communications only avionics handheld with Bluetooth and full keypad	$599.00

Accessories

Model	Description	MSRP
Antennas		
FAB02AR	Standard antenna for Aviation handheld radios	$40.00
Batteries		
BP280	Li-ion 7.2V 2280mAh battery	$100.00
Belt Clips		
MB133	Alligator type belt clip	$18.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Chargers		
AD130	Adapter cup that fits into the BC214 for radios with BP279/BP280	$24.00
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC213	Rapid charger with a US plug for radios with the BP279/BP280 battery (BC-123SA or BC242 included)	$64.00
BC213NAC	Rapid charger cup for radios with the BP279 battery (BC-123S not included)	$38.00
BC214	Six bank charger with US plug AC adapter and cups installed	$541.00
BC214E	Six bank charger with EURO plug AC adapter and cups installed	$541.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	$88.00
Headsets		
OPC2401	Headset adapter with screw down connector (A16)	$112.00
PTT SW	Avionic PTT switch that plugs into headset	$49.00
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	$184.00
Microphones		
HM240	Waterproof aviation speaker mic (2-pin)	$107.00
Software & Cables		
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

A25

VHF Air Band Transceiver

SPECS _____

Frequencies:

	Tx (COM)	118.000-136.975MHz
	Rx (COM,NAV)	108.000-136.975MHz
	(Weather)	161.650-163.275MHz
Output Power:		6W typ. (PEP), 1.8W (CW)
Channels:		200 (20 CH x 10 banks)
Channel Spacing:		8.33/25KHz
Mode:		6K00A3E, 5K60A3E
(Weather)		16K0G3E
Waterproof:		IP57 dust-protection and waterproof
Mil Spec:		MIL 810 G
		Also meets equivalent MIL-STD-810-C, -D, -E and -F
Weight (approx):		12.0 oz
Versions:		Communications plus navigation
		Communications only

FEATURES _____

General Features:

Easy to use interface with full keypad
2.3" LCD
Night mode option
"Flip-flop" channel recall
Smart battery with detailed battery status
121.5MHz emergency key
Weather channels
Priority watch
VFO scan, memory-channel scan, priority scan

Navigation Features:

Built-in Bluetooth® for hands-free operation
Built-in GPS with waypoint NAV
Store up to 10 flight plans and 300 waypoints
Flight plans with Android™/iOS™ app
    Create flight plan
    Set Direct-to Nav
    Display flight information
    Display waypoint information
VOR navigation functions
    CDI (course deviation indicator)
    OBS (omni bearing selector)
    TO-FROM indicator
    ABSS (automatic bearing set system)
Near station function assists in accessing nearby ground stations

Supplied Accessories ____

A25C/A25N
Antenna (FAB02AR)
Battery pack (BP288)
Belt clip (MB133)
Headset adapter (OPC2379)
Rapid charger (BC224 + BC123SA)
Handstrap
Owner's manual
Warranty: 3-Year

A25C Sport
Antenna (FAB02AR)
Battery case (BP289)
Belt clip (MB133)
Handstrap
Owner's manual
Warranty: 3-Year

A25
VHF Air Band Transceiver

Configurations

Model	Description	MSRP
A25C SPORT 66 USA	Communications only avionics handheld 6W and AA battery pack	$580.00
A25C 56 USA	Communications only avionics handheld 6W with li-ion battery and rapid charger	$799.00
A25N 46 USA	Communications plus navigation avionics handheld 6W	$954.00

Accessories

Model	Description	MSRP
Antennas		
FAB02AR	Standard antenna for Aviation handheld radios	$40.00
Batteries		
BP288	2350mAh li-ion 7.2V battery; IP57	$155.00
BP289	Battery case 6 x AA; IP54	$54.00
Belt Clips		
MB133	Alligator type belt clip	$18.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00
Cables		
OPC2144	Right angle plug adapter cable to plug old straight pin connector headsets into (recommended to use with OPC478UC when programming radios)	$38.00
OPC2379	Headset adapter cable for A25	$120.00
Carrying Cases		
NCA25	Nylon case for the A25	$32.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC224	Rapid charger with BC123SA	$69.00
BC224E	Rapid charger with BC123SE (Euro plug)	$69.00
CP20	Cigarette lighter cable with noise filter and DC-DC converter. Charges the BC167 with a 12V/24V cigarette lighter socket.	$70.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	$88.00
Headsets		
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	$184.00
Microphones		
HM231	Waterproof speaker microphone (A25)	$97.00
Software & Cables		
CSA25	A25 programming software	$95.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

Mobiles / Panel Mounts

Icom America Inc.

A120

VHF Air Band Transceiver

SPECS _____

Frequencies:	118.000-136.992MHz
Output Power:	36W typ. (P.E.P.)
Channels:	200 with 12 character channel names
Channel Spacing:	8.33/25kHz
LCD Display:	Dot-matrix with alphanumeric icons & characters
Waterproofing:	IP54 dust protection & water resistant
Mil Spec:	810 C, D, E, F, G
Weight (approx):	3 lb 3 oz

FEATURES _____

Active Noise Cancelling (ANC) reduces background noises
Optional Bluetooth® board to connect to Bluetooth® headsets
Program channels from the front panel
ON-hook scan
Dual watch
Side tone function
Dual watch and priority scan functions
Compatible with both 12V and 24V systems
Power on password protection
CI-V commands for external control
Connect with other radio devices with the VEPG4 RoIP gateway

COMES WITH_____

Hand microphone (HM216)
DC power cable
Mounting bracket
Microphone hanger kit
Fuses
Owner's manual
Warranty: 2-Year

IP54
DUST PROTECTION
& SPLASH PROOF

Meets
MIL-STD 810

A120
VHF Air Band Transceiver

Configurations

Model	Description	MSRP
A120 24 USA	Airband mobile with 200 channels with open VFO, 8.33/25kHz	$1,696.00
A120B 24 USA	A120 with 120V power supply and cover for base station	$2,099.00

Accessories

Model	Description	MSRP
Antennas		
B ANT	Avionic mobile base station antenna 118.8-126.8MHz with 50'4" cable	$504.00
K220A	Aviation mobile antenna with a magnetic mount	$90.00
K220C	Aviation mobile antenna with a NMO permanent mount for 3/4" hole; includes 17" RG58A/U coax cable	$75.00
Cables		
OPC2275	5m audio connection cable between the VEPG3 and the F5061/D series or A120 (RJ-45 modular plug connector with speaker plug).	$161.00
OPC344	A110/A120 power cord	$17.00
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	$107.00
Encryption & Internal Modules		
UT133	Bluetooth unit	$105.00
External Speakers		
SP30	20W large external speaker	$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Headsets		
OPC871A	Headset adapter A120/A110	$165.00
PTT SW	Avionic PTT switch that plugs into headset	$49.00
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	$184.00
Microphones		
HM216	Standard microphone for A120	$50.00
HM217	Microphone with built-in speaker and front panel includes up/down buttons and two programmable buttons (P1/P2)	$110.00
SM26	Desktop microphone with monitor switch for mobile radios	$110.00
Power Supplies		
IAPS11	120V power supply and cover for base station use on the A120	$329.00
Software & Cables		
CSA120	Programming software A120	$95.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
OPC592	Programming cloning cable to use with OPC-478UC	$18.00

A220

VHF Air Band Transceiver

SPECS _____

Frequencies:
  TX/RX 8.33kHz   118.000-136.992MHz
        25kHz   118.000-136.975MHz
  RX   Weather channel 161.650-163.275MHz
Frequency spacing: 8.33kHz/25kHz
Output Power: 8W typical (carrier power)
Channels: 20 regular memory
                       50 (10 Ch x 5 groups) group
                       memory
                       10 GPS, 10 weather
                       10 auto stack memory
Display: Organic light emitting diode
                       (OLED)
Mil Spec: 810 C, D, E & F
Scan: VFO
Weight (approx):   2.2 lb

FEATURES _____

Automatic squelch function
White OLED display with white key backlight
Easy channel selection
GPS memory function*
12V/24V DC power source
Intercom functions
D-sub 25-pin industry standard connector for easy installation
Two types of menu mode: setting menu and configuration menu
One touch access to 121.5MHz emergency frequency
Side tone function for monitoring your voice with headset
ANL (Automatic noise limiter) function reduces pulse type noise
Remote control capability
Time-out-timer
PC programming capability
Dial lock and panel lock
Dual watch and priority watch functions

COMES WITH_____

Mounting bracket kit
Owner's manual
Warranty: 2-Year

A220

VHF Air Band Transceiver

Configurations

Model	Description	MSRP
A220	Panel mount aviation radio	$2,300.00
A220B	Radio plus PS80 power supply for base station option (radio not installed into power supply)	$3,885.00
A220M	Radio with MB-53 for mobile mount	$2,888.00

Accessories

Model	Description	MSRP
Antennas		
B ANT	Avionic mobile base station antenna 118.8-126.8MHz with 50'4" cable	$504.00
K220A	Aviation mobile antenna with a magnetic mount	$90.00
K220C	Aviation mobile antenna with a NMO permanent mount for 3/4" hole; includes 17" RG58A/U coax cable	$75.00
Cables		
OPC1529R	Data cable (RS232 to 3.5mm)	$44.00
External Speakers		
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Microphones		
HM176	Microphone for the A220/A210/A200/PS80	$197.00
SM30	Compact desktop microphone with low cut function	$239.00
SM50	Desktop unidirectional microphone with up/down switches and low cut function	$431.00
Mounting Hardware		
A200 TRAY	Mounting tray for A200/A210/A220	$68.00
MB53	Mobile mounting bracket that includes HM176 microphone, SP35 external speaker, MBA-3 rear panel adapter, and harness for A200/A210/A220	$536.00
MBA3	Rear panel adapter with a card edge connector for the A220	$112.00
Power Supplies		
INSTALLATION AVIONICS	Install radio into power supply	$75.00
PS80	Power supply that includes the HM-176 & MBA-3 for A220/A210/A200	$1,328.00
Software & Cables		
CSA220	Programming software A220	$95.00

Fixed Comms Infrastructure

VE-PG4

RoIP Gateway

SPECS _____

Power Supply:	12V DC +/- 10%, max 4A 100-240V AC (with the supplied AC adaptor)
Weight:	4lb (Main unit, approximate)
Interface	
LAN/WAN:	RJ-45 type x 1 (Auto MDI/MDI-X)
LAN:	RJ-45 type x 1 (Auto MDI/MDI-X)
USB Host Interface:	USB 3.0 Standard A receptacles x3
USB Console Interface:	USB 2.0 mini B receptacles x 1
Network - 4G bands:	LET B2, B4, B12 (FCC)
Network - 3G bands:	W-CDMA B2, B5 (FCC)
External - Port Connectors:	2.54 mm (0.1 in) pitch quick connector (4 terminals x3) x4
External – Audio input:	-10 dBs/-40 dBs selectable Input impedance 10kΩ unbalance
External – Audio output:	-0 dBs/-20 dBs selectable 600Ω load unbalance/8Ω 1W speaker
External – Control input:	Low voltage contacts (3.3V DC/1mA)/Voltage input (3-16V)
External – Control output:	No voltage contacts (30V/100mA) /Open collector (3-16V 10mA)

FEATURES _____

Bridge almost any modern communications system to Icom's universe of Network products and more:

- LTE PTT Products
- Wireless LAN radio products
- Icom IDAS conventional and trunking systems
- Analog radio systems
- P25 systems
- DMR systems
- SIP phone

Built-in controller for IP100H
Call recording to a USB drive
Microphone connection for base operation
Router functions with VPN tunnel

Management Features:

- SYSLOG and SNMP
- Telnet and SSH
- Ping Test and Traceroute Test
- Abnormal condition monitoring, such as LAN port link-down and SIP server registration error
- Administrator password
- SNTP server
- Security slot

WARRANTY _____

1-Year

Comes With _____

Antennas
Antenna case cable (1.9ft)
AC adapter (BC-236)
Quick connectors

MULTITRUNK   IDAS

Configurations

Model	Description	MSRP
VEPG4	RoIP gateway that bridges land mobile radio systems. Deactivated SIM included. Airtime fees apply when SIM activated.	$3,205.00

Accessories

Model	Description	MSRP
EXTWARR912	1 year extended warranty	$125.00
EXTWARR913	2 year extended warranty	$160.00
EXTWARR914	3 year extended warranty	$245.00
Cables		
OPC2275	5m audio connection cable between the VEPG3 and the F5061/D series or A120 (RJ-45 modular plug connector with speaker plug).	$161.00
OPC2276	5m audio connection cable between the VEPG3 and the HM152/SM26 (Modular jack connector with speaker jack)	$231.00
OPC2389	Cable connecting serial device w/RS232	$90.00
OPC2390	Cable connecting VEPG4 to FR5000/6000	$214.00
Microphones		
SM26	Desktop microphone with monitor switch for mobile radios	$110.00
Miscellaneous		
SIM CARD	SIM card for U.S. LTE networks	$9.00
Remote Communication		
RCFS10	Remote Communicator software + CT-24 (digital voice converter unit - each IDAS system requires 1 CT-24)	$1,911.00
WLAN		
IP100FS	IP based PC-dispatcher	$1,730.00

X-BAND Air Repeater

Cross Band Airband AM/VHF FM or Airband AM/UHF FM

SPECS _____

Frequencies:	AV + 136-174MHz
	AV +, 400-470MHz
Output Power:	50W (VHF), 45W (UHF)
Channels:	128 channels, 8 zones
Channel Spacing:	UHF: 12.5kHz
	Airband: 25kHz/8.33kHz
PLL Channel Spacing:	2.5, 3.125kHz
Display:	LCD with 8 character
	alphanumeric

FEATURES _____

Full UHF & VHF analog & Airband AM interoperability
Configured to auto switch from AC to DC
Local controlled operation, can be used as a dual base unit
Programmable actions when a matched tone is received:

- Bell icon indication ON / OFF / Blink
- Answer back calls
- Beep sounds
- Scan Start / Stop
- Auto transmission
- Stun / Kill functions (prevents use of a lost or stolen)

10 scanning lists and Normal / Priority scan
Power ON password

SIGNALING_____

CTCSS/DTCS decode
2/5 Tone
MDC1200

WARRANTY _____

Radios: 2 years
Parts: 1 year

Configurations

Model	Description	MSRP
IAS X-BAND 50 AIR U	Airband AM & UHF FM cross band repeater	$3,670.00
IAS X-BAND 50 AIR V	Airband AM & VHF FM cross band repeater	$3,670.00

Accessories

Model	Description	MSRP
EXTWARRPT1	1 year extended warranty for a total 3 years	$180.00
EXTWARRPT2	2 year extended warranty for a total 4 years	$325.00
EXTWARRPT3	3 year extended warranty for a total 5 years	$465.00
Cabinets		
IASMNT1030	30" (17RU) locking indoor cabinet	$2,050.00
IASMNT1046	46" (26RU) locking indoor cabinet	$2,394.00
IASMNT1060	60" (34RU) locking indoor cabinet	$3,350.00
Microphones		
HM152	Standard microphone for low/mid range mobile radios	$50.00
HM152T	DTMF modular microphone for LM mobile radios	$102.00
HM216	Standard microphone for A120	$50.00
HM217	Microphone with built-in speaker and front panel includes up/down buttons and two programmable buttons (P1/P2)	$110.00
SM26	Desktop microphone with monitor switch for mobile radios	$110.00
Racks		
IASMNT1028	28x19, 16U desktop 2-post rack; 350lb weight capacity	$415.00
IASMNT1042	42x19 welded steel 2-post rack; 24U, 1,500lb weight capacity	$788.00
IASMNT1070	70x19 welded steel 2-post rack; 40U, 1,500lb weight capacity	$1,500.00
Software & Cables		
CSF3021/F5021/F5011	F3021/5021/5011 series programming software	$79.00
PROG-IAS	Icom to program repeaters with provided icf file or add in basic frequencies	$75.00

Discontinued Radios

A14

A14 is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories.

Accessories

Model	Description	MSRP
Antennas		
FAB02AR	Standard antenna for Aviation handheld radios	$40.00
Batteries		
BP232H	Li-ion 7.4V 2300mAh (typical capacity), 2250mAh (minimum value)	$81.00
BP261	Battery case that holds 6 AA alkaline batteries	$77.00
Belt Clips		
MB93	Swivel belt clip	$12.00
MB94	Alligator belt clip	$11.00
MB94R	Alligator belt clip with long clip that angles the antenna/top of radio off the body	$19.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Chargers		
AD106	Adapter cup for the BC119N/BC121N for the radios with the BP232N/H battery	$29.00
AD122	Adapter cup that fits into the BC197 22/23 for the BP232N/H batteries	$24.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC147SA	AC adapter for trickle chargers; 100-240V with a US style plug	$23.00
BC147SE 15	AC adapter for trickle chargers; 230V with a Euro style plug	$17.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC160	Rapid charger for radios with the BP230/231/232 battery; 100-240V with a US style plug	$74.00
BC160E	Rapid charger for radios with the BP230/231/232 battery; 100-240V with a Euro style plug	$74.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	$88.00
Headsets		
PTT SW	Avionic PTT switch that plugs into headset	$49.00
Microphones		
HM234	Aviation speaker mic (2-pin right angle connector)	$112.00
Software & Cables		
CSA14	Programming software for the A14/A14S	$84.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

A24 / A6

A24 / A6 is discontinued and no longer available from Icom. Icom does still sell the below compatible accessories.

Accessories

Model	Description	MSRP
Antennas		
FAB02AR	Standard antenna for Aviation handheld radios	$40.00
Batteries		
BP208N	Battery case that holds 6 AA alkaline batteries.	$24.00
BP210N	NiMH 7.2V 1650mAh battery	$102.00
Belt Clips		
MB103	Alligator belt clip	$14.00
MB86	Swivel belt clip that screws into back of radio	$14.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Chargers		
AD101	Adapter cup for the BC119N or BC121N for the BP210N & BP211 batteries	$30.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC167SA	Wall trickle charger; 100-240V with US style plug	$37.00
BC167SD	Wall trickle charger; 100-240V with Euro style plug	$42.00
CP20	Cigarette lighter cable with noise filter and DC-DC converter. Charges the BC167 with a 12V/24V cigarette lighter socket.	$70.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
Headsets		
PTT SW	Avionic PTT switch that plugs into headset	$49.00
Microphones		
HM234	Aviation speaker mic (2-pin right angle connector)	$112.00
Software & Cables		
CSA24	A24 Cloning Software	$68.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

Support Services

Model	Description	MSRP	UOM	Category
CONTROL STATION ASSEMBLE	Icom America factory mobile Radio/Mainframe install into power supply and cabinet to make control station.	$ 20.00	EA	Landmobile
ENGRAVE	Icom America factory engraving for Radio/Mainframes	$ 40.00	EA	All
EXTWARR211	Icom 1 year extended warranty for a total 3 years for low tier Radio/Mainframes	$ 25.00	EA	Landmobile
EXTWARR212	Icom 2 year extended warranty for a total 4 years for low tier Radio/Mainframes	$ 44.00	EA	Landmobile
EXTWARR213	Icom 3 year extended warranty for a total 5 years for low tier Radio/Mainframes	$ 62.00	EA	Landmobile
EXTWARR611	Icom 1 year extended warranty for mid tier Radio/Mainframes	$ 40.00	EA	Landmobile
EXTWARR612	Icom 2 year extended warranty for mid tier Radio/Mainframes	$ 70.00	EA	Landmobile
EXTWARR613	Icom 3 year extended warranty for mid tier Radio/Mainframes	$ 110.00	EA	Landmobile
EXTWARR811	Icom 1 year extended warranty for P25 Radio/Mainframes	$ 65.00	EA	Landmobile
EXTWARR812	Icom 2 year extended warranty for P25 Radio/Mainframes	$ 93.00	EA	Landmobile
EXTWARR813	Icom 3 year extended warranty for P25 Radio/Mainframes	$ 130.00	EA	Landmobile
EXTWARR912	Icom 1 year extended warranty for Landmobile HF Radio/Mainframes	$ 125.00	EA	Landmobile
EXTWARR913	Icom 2 year extended warranty for Landmobile HF Radio/Mainframes	$ 160.00	EA	Landmobile
EXTWARR914	Icom 3 year extended warranty for Landmobile HF Radio/Mainframes	$ 245.00	EA	Landmobile
EXTWARRPT1	Icom 1 year extended warranty, a total 3 years for Repeater/Mainframes	$ 180.00	EA	Landmobile
EXTWARRPT2	Icom 2 year extended warranty, a total 4 years for Repeater/Mainframes	$ 325.00	EA	Landmobile
EXTWARRPT3	Icom 3 year extended warranty, a total 5 years for Repeater/Mainframes	$ 465.00	EA	Landmobile
IASTUN1001	Icom America factory to tune your System Products	$ 75.00	EA	Landmobile
INSTALLATION AVIONICS	Icom America factory installation charge for Avionics Radio/Mainframes	$ 75.00	EA	Avionics
INSTALLATION MARINE	Icom America factory installation for Marine Radio/Mainframes	$ 40.00	EA	Marine
INSTALL-IAS	Icom America factory installation of a System component into a repeater or cabinet	$ 75.00	EA	Landmobile Systems
INSTALL-MF	Icom America factory installation of a component into a Landmobile mobile or portable Radio/Mainframes	$ 40.00	EA	Landmobile
PROG-IAS	Icom America factory to program your Systems product	$ 75.00	EA	Landmobile Systems
PROGLM6789	Icom America factory to program your Radio/Mainframes or Systems product	$ 70.00	EA	Landmobile Systems
PROG-MF	Icom America factory to program your land mobile Radio/Mainframe with provided icf file or 1 to 2 channels	$ 40.00	EA	Landmobile
PROGRAMMING AVIONICS	Icom America factory programming for Avionics Radio/Mainframe	$ 40.00	EA	Avionics
PROGRAMMING MARINE	Icom America factory programming for Marine Radio/Mainframe	$ 40.00	EA	Marine
QCRRS01	Icom Comprehensive Repair IDAS 3yrs enhanced extended warranty for selected landmobile Radio/Mainframes	$ 283.33	EA	Landmobile (IDAS Products Only)
QCRRS09	Icom Comprehensive Repair P25 3yrs enhanced enhanced extended warranty for selected landmobile Radio/Mainframes	$ 325.00	EA	Landmobile (P25 Products Only)
QENG-PH	Icom America Engineering Support for Radio/Mainframe - per hour	$ 266.67	HR	All
QFS-1D	Icom OnSite Technical/Field Support for Radio/Mainframe - 1st Day	$ 7,790.00	EA	All
QFS-AD	Icom OnSite Technical/Field Support for Radio/Mainframe - Additional Days	$ 4,540.00	EA	All
QFS-PH	Icom Field/Design Support for Radio/Mainframe - per hour	$ 250.00	HR	All
QNS-H	Icom Network Phone Support for Radio/Mainframe - per hour	$ 292.84	HR	Network

Support Services

Model	Description	MSRP	UOM	Category
QPPR-EA	Icom America factory pad printing fee per Radio/Mainframes	$ 16.67	EA	All
QPPR-SU	Icom Set up fee per design plate for pad printing for Radio/Mainframes	$ 208.33	EA	All
QTT-24PS-D	Icom 24/7/365 Phone Support - Monthly rate with year contract, default (non-IAS) designed	$ 857.10	EA	Landmobile Systems
QTT-24PS-I	Icom 24/7/365 Phone Support - Monthly rate with year contract, IAS designed & tested	$ 571.40	EA	Landmobile Systems
QTT-OS1D	Icom On-Site Technical Training 1st Day, Up to 6 People	$ 7,790.00	EA	All
QTT-OSAD	Icom On-Site Technical Training Additional Days, Up to 6 People	$ 4,540.00	EA	All
QTT-OSPH	Icom Technical online training from their desk	$ 250.00	HR	All
SERVICE/SALE BUILD-UP IAS	Icom Systems general Radio/Mainframe support - per hour	$ 171.42	HR	Landmobile Systems

ICOM®

U.S. Aviation Retail

Product & Price Catalog

Icom America Inc.

ICOM®

U.S. Land Mobile Retail
Product Catalog

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Icom America Inc.

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Portables

V3MR

VHF MURS Portable

SPECS _____

Frequencies:	151.820, 151.880, 151.940, 154.570, 154.600MHz
Output Power:	2W
Channels:	16
Mil Spec:	MIL-STD 810C,D,E,F,G
Waterproof Rating:	IP54
Weight:	265g, 9.3oz (w/ BP298)

FEATURES _____

License free
24-hour operation time
Loud and clear 1500mW speaker
VOX function for hands-free operation
Lone worker and emergency function
2-step low battery beep 36mm large speaker

SUPPLIED ACCESSORIES

Antenna (FA-SC28V)
Battery (BP-298)
Belt clip (MB-124)
Rapid charger (BC-240)
AC adapter cable (BC-242)
Warranty: 2 years

Meets MIL-STD 810

Icom America Inc.

Configurations

Model	Description	MSRP
V3MR 61 USA	MURS license-free portable with BC240 rapid charger	$235.00

Accessories

Model	Description	MSRP
Antennas		
FASC28V	142-162MHz antenna J type connector	$14.00
Batteries		
BP298	2250mAh li-ion battery	$77.00
Belt Clips		
MB124	Alligator type belt clip	$13.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Chargers		
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC214	Six bank charger with US plug AC adapter and cups installed	$541.00
BC214E	Six bank charger with EURO plug AC adapter and cups installed	$541.00
BC214N 27	Six unit charger for radios with the BP298/BP299 battery	$536.00
BC240	Rapid charger for the V86	$75.00
BC242	AC adapter	$26.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
OPC2004LA	VOX conversion cable to to use the HS-97 for the F1000/D products	$28.00
VS4LA	PTT switch cable to communicate using the HS94/95/97	$123.00

Accessories

Model	Description	MSRP
Microphones		
HM158LA	Compact speaker microphone with revolving clip and earphone jack (right angle 2-pin screw down connector, stereo mic/mono speaker)	$50.00
HM159LA	Large speaker microphone with earphone jack and metal alligator clip (right angle 2-pin screw down connector, stereo mic/mono speaker)	$84.00
Software & Cables		
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

V10MR

VHF MURS Portable

SPECS _____

Frequencies:	151.820, 151.880, 151.940, 154.570, 154.600MHz
Output Power:	2W
Channels:	16
Channel Spacing:	12kHz
Mil Spec:	810G
Weight:	240g, 8.5oz (with BP-279)
Waterproof Rating:	IP67

FEATURES _____

License free
Loud and clear 1500mW speaker
VOX function for hands-free operation
Audio compander
Siren sound for security alarm
MDC emergency call with open microphone function (MDC RX only)
Lone worker, Man Down, Motion Detection

SUPPLIED ACCESSORIES

Antenna (FA-SC28V))
Battery (BP-279)
Charger (BC-213)
AC adapter (BC-242)
Belt clip (MB-133)
Warranty: 2 years

Configurations

Model	Description	MSRP
V10MR	MURS license-free handheld with BC213 rapid charger	$263.00

Accessories

Model	Description	MSRP
Antennas		
FASC28V	142-162MHz antenna J type connector	$14.00
Batteries		
BP279	Li-ion 7.2V 1485mAh battery	$75.00
Belt Clips		
MB133	Alligator type belt clip	$18.00
Chargers		
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC213	Rapid charger with a US plug for radios with the BP279/BP280 battery (BC-123SA or BC242 included)	$64.00
BC214	Six bank charger with US plug AC adapter and cups installed	$541.00
BC214E	Six bank charger with EURO plug AC adapter and cups installed	$541.00
BC242	AC adapter	$26.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	$88.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS94LWP	Earhook headset with boom microphone with 2-pin screw down connector for hands-free operation.	$63.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS95LWP	Behind-the-head type with boom microphone with 2-pin screw down connector	$305.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
OPC2004LA	VOX conversion cable to to use the HS-97 for the F1000/D products	$28.00
VS4LA	PTT switch cable to communicate using the HS94/95/97	$123.00

Accessories

Model	Description	MSRP
Microphones		
HM158LA	Compact speaker microphone with revolving clip and earphone jack (right angle 2-pin screw down connector, stereo mic/mono speaker)	$50.00
HM159LA	Large speaker microphone with earphone jack and metal alligator clip (right angle 2-pin screw down connector, stereo mic/mono speaker)	$84.00
HM168LWP	Waterproof speaker microphone	$150.00
Software & Cables		
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
Wire Kits		
HM166LA	Earphone microphone with 2-pin right angle connector	$62.00

F200
Entry Level UHF Portable

SPECS _____

Frequencies:	450-470MHz
Output Power:	2W
Channels:	16
LCD Display:	4 digit
Mil Spec:	MIL-STD 810 C, D, E, F, G
Waterproof Rating:	IP54
Weight:	5.5 oz

FEATURES _____

Built-in antenna
15-hour operation time
USB Type-C™ charging
600mW speaker
Vox function for hands-free operation
Channel announcement
CTCSS/FTCS tone squelch
Lone worker and emergency call function

COMES WITH _____

Battery (BP-304A)
Belt clip (MB-127)
Charger (BC-262)
USB Type C cable (OPC-2480)
Warranty: 2 years

Configurations

Model	Description	MSRP
F200 11 USA	450-470 MHz radio with battery (BP-304A) and charger (BC-262)	$165.00

Accessories

Model	Description	MSRP
Batteries		
BP304A	Li-ion battery 7.2V 1900mAh for F200	$60.00
Belt Clips		
MB127	Alligator belt clip	$19.00
Chargers		
BC262	Desktop charger for F200 or BC264.	$24.00
BC264	Battery pack charger for the BP304A. Use w/BC262 or USB Type-C™.	$48.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
OPC2006LS	Adapter plug with VOX and no PTT to to use with the HS94/95/97	$37.00
OPC2328	Adapter plug with PTT to to use with the HS94/95/97	$107.00
Microphones		
HM183LS	Waterproof compact speaker microphone (2pin connector)	$128.00
HM186LS	Compact speaker microphone with earphone jack (2 pin connector)	$69.00
Software & Cables		
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
Wire Kits		
HM153LS	Microphone with 2.5mm earphone combination (right angle 2-pin connector)	$137.00
HM166LS	Earphone microphone with two pin right angle connector	$105.00

F3001 – F4001 Series

Entry Level Analog Portables

SPECS_____

Frequencies:	136-174, 400-470, 450-512MHz
Output Power:	5W (VHF); 4W (UHF)
Channels:	16
Channel Spacing:	12.5kHz
Mil Spec:	810 C, D, E
Scan:	Normal & priority
Weight:	11.6oz (with BP-265)
Waterproof Rating:	IP54 dust and splash proof

FEATURES _____

Low battery alert with blinking LED & beep
3 Buttons
Talk around function
3-color LED (red, green & orange)
Time out timer
2-step power save
Lone worker function

SIGNALING _____

CTCSS / DTCS Encode/Decode
2-Tone, 5-Tone
MDC1200
- PTT ID
- Emergency Status

COMES WITH _____

Charger (BC-193)
Antenna (FA-SC55V or FA-SC57U)
Battery (BP-265)
Belt Clip (MB-124)
Owner's manual
Warranty: 2 years

IP54
DUST PROTECTION
& SPLASH PROOF

Meets
MIL-STD 810

MDC 1200
Compatible

Configurations

Model	Description	MSRP
F3001 51 RC USA	136-174MHz radio with 1900mAh Li-ion battery & rapid charger (BC-193)	$258.00
F4001 71 RC	400-470MHz radio with 1900mAh Li-ion battery & rapid charger (BC-193)	$258.00
F4001 81 RC	450-512MHz radio with 1900mAh Li-ion battery & rapid charger (BC-193)	$258.00

Accessories

Model	Description	MSRP
ENGRAVE	Engrave radio	$40.00
EXTWARR211	1 year extended warranty for a total 3 years	$25.00
EXTWARR212	2 year extended warranty for a total 4 years	$44.00
EXTWARR213	3 year extended warranty for a total 5 years	$62.00
Antennas		
FASC25U	400-430MHz antenna J type connector	$14.00
FASC25V	136-150MHz antenna J type connector	$14.00
FASC26US	400-450MHz stubby antenna J type connector	$16.00
FASC26VS	136-144MHz stubby antenna J type connector	$16.00
FASC27VS	142-150MHz stubby antenna J type connector	$16.00
FASC28V	142-162MHz antenna J type connector	$14.00
FASC29V	160-174MHz antenna J type connector	$14.00
FASC55V	146-174MHz standard antenna J type connector	$14.00
FASC56VS	150-160MHz stubby antenna J type connector	$16.00
FASC57U	430-470MHz standard antenna (red ring) J type connector	$14.00
FASC57VS	160-174MHz stubby antenna J type connector	$16.00
FASC61UC	380-520MHz cut antenna J type connector	$20.00
FASC61VC	136-174MHz cut antenna for the specific frequency desired	$20.00
FASC62V	150-160MHz high gain antenna J type connector	$59.00
FASC63V	155-165MHz high gain antenna J type connector	$60.00
FASC72U	470-512MHz antenna J type connector	$14.00
FASC73US	450-470MHz stubby antenna for J type connector	$16.00
LARSEN SPHL10160IC	151-163MHz helical ¼ wave antenna center tuned to 157MHz	$45.00

Accessories

Model	Description	MSRP
Batteries		
BP263	Battery case that holds 6 AA alkaline batteries	$32.00
BP264	Ni-MH 7.2V 1400mAh	$54.00
BP265	Li-ion 7.4V 1900mAh	$85.00
Belt Clips		
MB124	Alligator type belt clip	$13.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Carrying Cases		
LCF3000 SWIVEL	Leather carrying case with a swivel for the F3001/4001 & F3101D/4101D radios	$52.00
NCF3000 CLIP	Nylon carrying case with a clip for the F3001/4001 & F3101D/4101D radios	$32.00
Chargers		
AD121	Adapter cup that fits into the BC197 12/13 for the BP265 Li-ion battery	$24.00
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC193	Rapid charger for radios with BP265 Li-ion battery; 100-240V with US style plug	$72.00
BC193E	Rapid charger for radios with BP265 Li-ion battery; 100-240V with Euro style plug	$72.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	$88.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
OPC2004	Adapter plug to to use the HS94/95/97 for the F3001/4001/3101D/4101D & V80	$28.00

Accessories

Model	Description	MSRP
Microphones		
HM158LA	Compact speaker microphone with revolving clip and earphone jack (right angle 2-pin screw down connector, stereo mic/mono speaker)	$50.00
HM159LA	Large speaker microphone with earphone jack and metal alligator clip (right angle 2-pin screw down connector, stereo mic/mono speaker)	$84.00
HM-HD7I7WP	Large waterproof speaker microphone with 3.5mm accessory jack (right angle 2-pin screw down connector)	$117.00
IMPACT HD3-I3	Heavy duty speaker mic w/3.5mm accessory jack (2-pin screw down connector)	$70.00
Software & Cables		
CSF3001	F3001/F4001 programming software	$79.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00
Wire Kits		
HM128L	Earphone/mic with 2-pin right angle connector	$30.00
HM166LA	Earphone microphone with 2-pin right angle connector	$62.00

F1000/S/T – F2000/S/T Series

Entry Level Analog Portables

SPECS _____

Frequencies:	136-174, 400-470, 450-512MHz
Output Power:	5W (VHF); 4W (UHF)
Channels:	16 or 128 (S/T)
Channel Spacing:	12.5kHz
Mil Spec:	MIL-STD 810 C,D,E,F,G,
Weight:	8.47oz (with BP-279)
Waterproof Rating:	IP67 dust-tight and waterproof protection
Versions:	With full keypad
	With simple keypad
	Without LCD and front keypad

FEATURES _____

Enhanced emergency with built-in motion sensor
Selective calling, quiet sand-by and more
Channel announcement
Built-in inversion voice scrambler
8 DTMF autodial memories
"Shift key" function increases number of programmable key assignments
Surveillance function
Escalating alarm

COMES WITH _____

Antenna (FA-SC55V, FA-SC57U or FA-SC72U)
Battery pack (BP-279)
Belt Clip (MB-133)
Charger (BC-213)
Warranty: 2 years

SIGNALING _____

CTCSS / DTCS encode & decode
Built-In 2-Tone, 5-Tone
MDC1200 16 channel version
- PTT ID (transmit only)
- Emergency Call (transmit only)

MDC1200 S/T version
- PTT ID (Tx/Rx)
- Emergency (Tx/Rx)
- Radio check (Rx)
- Stun/revive (Rx)
- Transmit status message
- 100 alias table

MDC 1200 Compatible   **IP67**   **Meets MIL-STD 810**

Icom America Inc.

Configurations

Model	Description	MSRP
F1000 82 USA	136-174MHz,16 CH, no display, analog portable with rapid charger.	$278.00
F1000S 83 USA	136-174MHz, 128 CH, LCD, 4-key analog portable with rapid charger	$364.00
F1000T 84 USA	136-174MHz, 128CH, LCD, full DTMF keypad analog portable with rapid charger	$396.00
F2000 82 USA	400-470MHz, 16 CH, no display, analog portable with rapid charger	$278.00
F2000S 83 USA	400-470MHz, 128 CH, LCD, 4-key analog portable with rapid charger	$364.00
F2000T 84 USA	400-470MHz, 128CH, LCD, full DTMF keypad analog portable with rapid charger	$396.00
F2000 88 USA	450-512MHz, 16 CH, no display, analog portable with rapid charger	$278.00
F2000S 89 USA	450-512MHz, 128 CH, LCD, 4-key analog portable with rapid charger .	$364.00
F2000T 90 USA	450-512MHz, 128CH, LCD, full DTMF keypad analog portable with rapid charger	$396.00

Accessories

Model	Description	MSRP
ENGRAVE	Engrave radio	$40.00
EXTWARR211	1 year extended warranty for a total 3 years	$25.00
EXTWARR212	2 year extended warranty for a total 4 years	$44.00
EXTWARR213	3 year extended warranty for a total 5 years	$62.00
Antennas		
FASC25U	400-430MHz antenna J type connector	$14.00
FASC25V	136-150MHz antenna J type connector	$14.00
FASC26US	400-450MHz stubby antenna J type connector	$16.00
FASC26VS	136-144MHz stubby antenna J type connector	$16.00
FASC27VS	142-150MHz stubby antenna J type connector	$16.00
FASC28V	142-162MHz antenna J type connector	$14.00
FASC29V	160-174MHz antenna J type connector	$14.00
FASC55V	146-174MHz standard antenna J type connector	$14.00
FASC56VS	150-160MHz stubby antenna J type connector	$16.00
FASC57U	430-470MHz standard antenna (red ring) J type connector	$14.00
FASC57VS	160-174MHz stubby antenna J type connector	$16.00
FASC61UC	380-520MHz cut antenna J type connector	$20.00

Icom America Inc.

Accessories

Model	Description	MSRP
FASC61VC	136-174MHz cut antenna for the specific frequency desired	$20.00
FASC62V	150-160MHz high gain antenna J type connector	$59.00
FASC63V	155-165MHz high gain antenna J type connector	$60.00
FASC72U	470-512MHz antenna J type connector	$14.00
FASC73US	450-470MHz stubby antenna for J type connector	$16.00

Batteries

BP279	Li-ion 7.2V 1485mAh battery	$75.00
BP280	Li-ion 7.2V 2280mAh battery	$100.00

Belt Clips

MB133	Alligator type belt clip	$18.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00

Cables

OPC515L	DC power cable for single unit rapid chargers	$28.00

Carrying Cases

LCF1000S	Leather carrying case with a swivel for F1000/2000/D non display radios	$52.00
LCF1000SS	Leather carrying case with a swivel belt loop and cutout for the display for the F1000S/2000S	$52.00
LCF1000TS	Leather case for the F1000T/2000T with a full keypad cutout with a swivel loop	$52.00
NCF1000C	Nylon carrying case with a clip for the F1000/2000/D non display radios	$32.00
NCF1000SC	Nylon carrying case with a clip and cutout for the display F1000S/2000S	$32.00
NCF1000TC	Nylon carrying case with a clip and cutout for the display and keypad F1000T/2000T	$32.00

Chargers

AD130	Adapter cup that fits into the BC214 for radios with BP279/BP280	$24.00
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00

Icom America Inc.

Accessories

Model	Description	MSRP
BC213	Rapid charger with a US plug for radios with the BP279/BP280 battery (BC-123SA or BC242 included)	$64.00
BC213NAC	Rapid charger cup for radios with the BP279 battery (BC-123S not included)	$38.00
BC214	Six bank charger with US plug AC adapter and cups installed	$541.00
BC214E	Six bank charger with EURO plug AC adapter and cups installed	$541.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	$88.00

Headsets

Model	Description	MSRP
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS94LWP	Earhook headset with boom microphone with 2-pin screw down connector for hands-free operation.	$63.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS95LWP	Behind-the-head type with boom microphone with 2-pin screw down connector	$305.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
VS4LA	PTT switch cable to communicate using the HS94/95/97	$123.00

Microphones

Model	Description	MSRP
HM158LA	Compact speaker microphone with revolving clip and earphone jack (right angle 2-pin screw down connector, stereo mic/mono speaker)	$50.00
HM159LA	Large speaker microphone with earphone jack and metal alligator clip (right angle 2-pin screw down connector, stereo mic/mono speaker)	$84.00
HM-HD7I7WP	Large waterproof speaker microphone with 3.5mm accessory jack (right angle 2-pin screw down connector)	$117.00
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	$34.00

Software & Cables

Model	Description	MSRP
CSF2000	Programming software for the F1000/2000 series	$79.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00

Wire Kits

Model	Description	MSRP
HM166LA	Earphone microphone with 2-pin right angle connector	$62.00

F1100D – F2100D Series

Entry Level IDAS™ Portables

SPECS _____

Frequencies:	136-174, 400-470MHz
Output Power:	5W (VHF); 4W (UHF)
Channels:	16 or 128 (S/T)
Channel Spacing:	12.5 / 6.25 kHz
Mil Spec:	MIL-STD 810 C,D,E,F,G,
Weight:	9.2oz (with BP-280)
Waterproof Rating:	IP67 dust-tight and waterproof protection
Versions:	With full keypad
	With simple keypad
	Without LCD and front keypad

FEATURES _____

AquaQuake™
16-position rotary selector and ON/OFF volume knob
DTMF audio dial
"Shift key" function increases number of programmable key assignments
Three color LED
Channel announcement
Man down
Motion & stationary detection
Lone worker function
Surveillance function
16-code inversion analog scrambler

IDAS FEATURES _____

IDAS™ conventional
IDAS multi-site conventional over IP network
IDAS™ type D-single-site trunking
Analog/digital mixed mode operation
AMBE+2™ VOCODER
Over-the-Air Alias (OAA) updates the call list over the air (LCD versions)
Individual, group and all call
Status all and polling
Short data messages (LCD versions)
Call alert

COMES WITH _____

Antenna (FA-SC55V or FA-SC57U)
Battery pack (BP-280)
Belt Clip (MB-133)
Charger (BC-213 included w/some versions)
Warranty: 2 years

SIGNALING (Analog Only)

CTCSS / DTCS
2/5 Tone
MDC1200: PTT ID transmission

Configurations

Model	Description	MSRP
F1100D 53 USA	136-174MHz IDAS portable with 16 channels, no display, includes rapid charger	$395.00
F1100D CASE	Case of 10 F1100D handhelds including the rapid charger	$3,969.00
F1100DS 63 USA	136-174MHz IDAS portable with 128 channels, display with limited keypad, includes rapid charger	$460.00
F1100DS CASE	Case of 10 F1100DS handhelds including the rapid charger	$4,515.00
F1100DT 73 USA	136-174MHz IDAS portable with 128 channels, display, full DTMF keypad, includes rapid charger	$500.00
F1100DT CASE	Case of 10 F1100DT handhelds including the rapid charger	$4,830.00
F2100D 66 USA	450-512MHz IDAS portable with 16 channels and no display, includes rapid charger	$395.00
F2100DH CASE	Case of 10 F2100D handhelds including the rapid charger	$3,969.00
F2100DS 76 USA	450-512MHz IDAS portable with 128 channels, display and limited keypad, includes rapid charger	$460.00
F2100DSH CASE	Case of 10 F2100DSH handhelds including the rapid charger	$4,515.00
F2100DT 86 USA	450-512MHz IDAS portable with 128 channels, LCD, full DTMF keypad, includes rapid charger	$500.00
F2100DTH CASE	Case of 10 F2100DTH handhelds including the rapid charger	$4,600.00
F2100D 63 USA	400-470MHz IDAS portable (5W) with 16 channels, no display, includes rapid charger	$395.00
F2100DL CASE	Case of 10 F2100D handhelds including the rapid charger	$3,969.00
F2100DS 73 USA	400-470MHz IDAS portable with 128 channels, display, limited keypad, includes rapid charger	$460.00
F2100DSL CASE	Case of 10 F2100DS 21 handhelds including the rapid charger	$4,515.00
F2100DT 83 USA	400-470MHz IDAS portable with 128 channels, LCD, full DTMF keypad, includes rapid charger	$500.00
F2100DTL CASE	Case of 10 F21000DTL handhelds including the rapid charger	$4,830.00

Accessories

Model	Description	MSRP
EXTWARR211	1 year extended warranty for a total 3 years	$25.00
EXTWARR212	2 year extended warranty for a total 4 years	$44.00
EXTWARR213	3 year extended warranty for a total 5 years	$62.00
Antennas		
FASC25U	400-430MHz antenna J type connector	$14.00
FASC25V	136-150MHz antenna J type connector	$14.00

Accessories

Model	Description	MSRP
FASC26US	400-450MHz stubby antenna J type connector	$16.00
FASC26VS	136-144MHz stubby antenna J type connector	$16.00
FASC27VS	142-150MHz stubby antenna J type connector	$16.00
FASC28V	142-162MHz antenna J type connector	$14.00
FASC29V	160-174MHz antenna J type connector	$14.00
FASC55V	146-174MHz standard antenna J type connector	$14.00
FASC56VS	150-160MHz stubby antenna J type connector	$16.00
FASC57U	430-470MHz standard antenna (red ring) J type connector	$14.00
FASC57VS	160-174MHz stubby antenna J type connector	$16.00
FASC61UC	380-520MHz cut antenna J type connector	$20.00
FASC61VC	136-174MHz cut antenna for the specific frequency desired	$20.00
FASC62V	150-160MHz high gain antenna J type connector	$59.00
FASC63V	155-165MHz high gain antenna J type connector	$60.00
FASC73US	450-470MHz stubby antenna for J type connector	$16.00

Batteries

BP280	Li-ion 7.2V 2280mAh battery	$100.00

Belt Clips

MB133	Alligator type belt clip	$18.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00

Cables

OPC515L	DC power cable for single unit rapid chargers	$28.00

Carrying Cases

LCF1000S	Leather carrying case with a swivel for F1000/2000/D non display radios	$52.00
LCF1000SS	Leather carrying case with a swivel belt loop and cutout for the display for the F1000S/2000S	$52.00
LCF1000TS	Leather case for the F1000T/2000T with a full keypad cutout with a swivel loop	$52.00
NCF1000C	Nylon carrying case with a clip for the F1000/2000/D non display radios	$32.00
NCF1000SC	Nylon carrying case with a clip and cutout for the display F1000S/2000S	$32.00

Accessories

Model	Description	MSRP
NCF1000TC	Nylon carrying case with a clip and cutout for the display and keypad F1000T/2000T	$32.00
Chargers		
AD130	Adapter cup that fits into the BC214 for radios with BP279/BP280	$24.00
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC213	Rapid charger with a US plug for radios with the BP279/BP280 battery (BC-123SA or BC242 included)	$64.00
BC213NAC	Rapid charger cup for radios with the BP279 battery (BC-123S not included)	$38.00
BC214	Six bank charger with US plug AC adapter and cups installed	$541.00
BC214E	Six bank charger with EURO plug AC adapter and cups installed	$541.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	$88.00
Headsets		
HS94LWP	Earhook headset with boom microphone with 2-pin screw down connector for hands-free operation.	$63.00
HS95LWP	Behind-the-head type with boom microphone with 2-pin screw down connector	$305.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
OPC2004LA	VOX conversion cable to to use the HS-97 for the F1000/D products	$28.00
VS4LA	PTT switch cable to communicate using the HS94/95/97	$123.00
Microphones		
HM158LA	Compact speaker microphone with revolving clip and earphone jack (right angle 2-pin screw down connector, stereo mic/mono speaker)	$50.00
HM159LA	Large speaker microphone with earphone jack and metal alligator clip (right angle 2-pin screw down connector, stereo mic/mono speaker)	$84.00
HM-HD7I7WP	Large waterproof speaker microphone with 3.5mm accessory jack (right angle 2-pin screw down connector)	$117.00
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	$34.00

Accessories

Model	Description	MSRP
Software & Cables		
CSF2100D	Programming software for the F1100D/2100D	$79.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00
Wire Kits		
HM166LA	Earphone microphone with 2-pin right angle connector	$62.00

F3201DEX – F4201DEX Series (UHF Version Discontinued)

IECEx/ATEX Intrinsically Safe IDAS VHF/UHF Portables

SPECS _____

Frequencies:	136-174, 400-470
Output Power:	1W
Channels:	16
Channel Spacing:	12.5 / 6.25kHz
Mil Spec:	801 C, D, E, F, G
Scan:	Normal & Priority
Weight:	1.03lbs
Waterproof Rating:	IP67 dust-tight and water proof

FEATURES _____

General Features:
- IEC Certifications
  - Mining : Ex ib I Mb
  - Gas : Ex ib IIC T4 Gb
  - Dust : Ex ib IIIC T110°C Db
- ATEX Certifications
  - Mining : I M2 Ex ib I Mb
  - Gas : II 2G Ex ib IIC T4 Gb
  - Dust : II 2D Ex ib IIIC T110°C Db
- Channel announcement
- DTMF autodial
- Three programmable buttons
- Low electrical resistivity body
- Man down & lone worker (analog only)

Digital Features:
- IDAS™ conventional
- IDAS™ single-site type-D trunking
- NXDN® Digital Air Interface

SIGNALING _____

CTCSS / DCS / DTMF encode & decode (analog)
2/5 Tone encode & decode (analog)
MDC1200 PTT ID & Emergency

COMES WITH _____

Antenna (FA-SC55V or FA-SC57U)
Battery (BP-227EX)
Belt Clip (MB-94EX)
Charger (BC-212EX)
Owner's Manual
Warranty: 2 years

Configurations

Model	Description	MSRP
F3201DEX 14	136-174MHz ATEX intrinsically safe IDAS portable	$1,313.00
F4201DEX 25		$1,400.00

Accessories

Model	Description	MSRP
Antennas		
FASC25U	400-430MHz antenna J type connector	$14.00
FASC25V	136-150MHz antenna J type connector	$14.00
FASC26US	400-450MHz stubby antenna J type connector	$16.00
FASC26VS	136-144MHz stubby antenna J type connector	$16.00
FASC27VS	142-150MHz stubby antenna J type connector	$16.00
FASC28V	142-162MHz antenna J type connector	$14.00
FASC29V	160-174MHz antenna J type connector	$14.00
FASC55V	146-174MHz standard antenna J type connector	$14.00
FASC57U	430-470MHz standard antenna (red ring) J type connector	$14.00
Batteries		
BP277EX	Li-ion 7.4V 1900mAh (typ. capacity), 1800mAh (min. value) blue battery	$420.00
Belt Clips		
MB94EX	Blue alligator belt clip for F3201DEX/4201DEX	$18.00
Chargers		
BC212EX	Rapid charger (includes BC213SA) for F3201DEX/4201DEX	$137.00
Microphones		
HM203EX	Blue speaker microphone for F3201DEX/4201DEX	$221.00
Software & Cables		
CSF3101D/F5121D	F3101D/F5121D series programming software	$79.00
OPC2338	14-pin programming cable plus transparent data transfer	$251.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00

F3230D – F4230D Series

IDAS Trunking Portables

SPECS _____

Frequencies:	136-174, 400-470, 450-512
Output Power:	5W (VHF);
	4W (UHF)
Channels:	128 channels / 8 zones
Channel Spacing:	12.5 / 6.25kHz
LCD Display:	8-character alphanumeric LCD
Mil Spec:	MIL 810G
	Also meets equivalent MIL-STD-810C, -D, -E and -F
Scan:	Roaming / Voting scan
Weight:	12oz (W/BP-232WP)
Waterproof Rating:	IP67 dust-tight and water proof

FEATURES _____

General Features:
- Channel announcement
- Low battery alert
- 2-step power save
- Time out timer
- BTL amp with 1000mW audio output
- Lone worker function

Digital Features:
- IDAS™ conventional
- IDAS multi-site and single-site trunking and IDAS multi-site conventional
- Up to 500 individual and up to 500 group ID aliases (Each for single-site/multi-site/conventional)
- PTT ID and ANI
- SDM (Short Data Message)
- Status
- RAN (Radio Access Number)
- Radio check (RX)
- Call alert
- Remote monitor (RX)
- Digital voice scrambler
- ATB (All Trunks Busy) ring back

SIGNALING_____

CTCSS / DTCS encode & decode (analog only)

COMES WITH _____

Antenna (FA-SC55V, FA-SC57U or FA-SC72U)
Battery (BP-232WP)
Belt Clip (MB-94R)
Charger (BC-160)
Owner's manual
Warranty: 3 years

Configurations

Model	Description	MSRP
F3230DS 20 USA	136-174MHz IDAS 128 channel MultiTrunk portable with display. Charger (BC-160) included.	$546.00
F4230DS 34 USA	450-512MHz IDAS 128 channel MultiTrunk portable with display. Charger (BC-160) included.	$546.00

Accessories

Model	Description	MSRP
ENGRAVE	Engrave radio	$40.00
EXTWARR611	1 year extended warranty	$40.00
EXTWARR612	2 year extended warranty	$70.00
EXTWARR613	3 year extended warranty	$110.00
Antennas		
FASC25U	400-430MHz antenna J type connector	$14.00
FASC25V	136-150MHz antenna J type connector	$14.00
FASC26US	400-450MHz stubby antenna J type connector	$16.00
FASC26VS	136-144MHz stubby antenna J type connector	$16.00
FASC27VS	142-150MHz stubby antenna J type connector	$16.00
FASC28V	142-162MHz antenna J type connector	$14.00
FASC29V	160-174MHz antenna J type connector	$14.00
FASC55V	146-174MHz standard antenna J type connector	$14.00
FASC56VS	150-160MHz stubby antenna J type connector	$16.00
FASC57U	430-470MHz standard antenna (red ring) J type connector	$14.00
FASC57VS	160-174MHz stubby antenna J type connector	$16.00
FASC61UC	380-520MHz cut antenna J type connector	$20.00
FASC61VC	136-174MHz cut antenna for the specific frequency desired	$20.00
FASC62V	150-160MHz high gain antenna J type connector	$59.00
FASC63V	155-165MHz high gain antenna J type connector	$60.00
FASC72U	470-512MHz antenna J type connector	$14.00
FASC73US	450-470MHz stubby antenna for J type connector	$16.00

Icom America Inc.

Accessories

Model	Description	MSRP
LARSEN SPHL10160IC	151-163MHz helical ¼ wave antenna center tuned to 157MHz	$45.00
Batteries		
BP232WP	Li-ion 7.4V 2300mAh (typical capacity), 2250mAh (minimum value) IP67 waterproof battery	$90.00
Belt Clips		
AW SWIVEL	Swivel clip used with the AW Stud/Swivel Kit.	$14.00
MB93	Swivel belt clip	$12.00
MB94	Alligator belt clip	$11.00
MB94R	Alligator belt clip with long clip that angles the antenna/top of radio off the body	$19.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Chargers		
AD106	Adapter cup for the BC119N/BC121N for the radios with the BP232N/H battery	$29.00
AD122	Adapter cup that fits into the BC197 22/23 for the BP232N/H batteries	$24.00
BC147SE 15	AC adapter for trickle chargers; 230V with a Euro style plug	$17.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC160	Rapid charger for radios with the BP230/231/232 battery; 100-240V with a US style plug	$74.00
BC160E	Rapid charger for radios with the BP230/231/232 battery; 100-240V with a Euro style plug	$74.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
VS1L	VOX/PTT case with 2-pin right angle connector. Must use with HS94/HS95/HS97	$46.00
Microphones		
HM158LA	Compact speaker microphone with revolving clip and earphone jack (right angle 2-pin screw down connector, stereo mic/mono speaker)	$50.00

Accessories

Model	Description	MSRP
HM159LA	Large speaker microphone with earphone jack and metal alligator clip (right angle 2-pin screw down connector, stereo mic/mono speaker)	$84.00
HM-HD7I7WP	Large waterproof speaker microphone with 3.5mm accessory jack (right angle 2-pin screw down connector)	$117.00

Software & Cables

Model	Description	MSRP
CSF3210D	Programming software for F3210D/4210D, F3230D/4230D & F5220D/6220D	$79.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00

Wire Kits

Model	Description	MSRP
HM166LA	Earphone microphone with 2-pin right angle connector	$62.00

F3261DT RR & NI (Limited Stock)
Waterproof Analog, LTR®, & IDAS Digital Portables

SPECS _____

Frequencies:	136-174, 400-470, 450-512MHz
Output Power:	5W
Channels:	512 / 128 zones
Channel Spacing:	12.5 & 6.25kHz
Mil Spec:	810 C, D, E
Scan:	Normal & priority
Weight:	14.1oz (with BP-232WP)
Waterproof Rating:	IP67 submersible & dust protection

FEATURES _____

General Features
- Basic LTR® / Conventional / IDAS
- GPS built-in
- Lone worker function
- 2 step reduced power setting
- Busy, repeater lockout function
- Escalating alarm
- Surveillance function temporarily turns off the LED backlight and beep sound
- Detects both analog & IDAS conventional signals and automatically selects the transmission mode to reply to received call

Digital Features
- IDAS™ conventional
- IDAS multi-site and single-site trunking and IDAS multi-site conventional
- Voting mode scanning
- NXDN® Digital Air Interface
- AMBE+2™ VOCODER
- Short & long data messages
- 64 Radio Access Numbers (RAN)
- Individual & group selective call
- Strongest site search

COMES WITH _____

Antenna (FA-SC55V or FA-SC57U)
Battery (BP-232WP)
Belt clip (MB-94R)
Owner's manual
Warranty: 3 years

SIGNALING _____

MDC1200 (analog & LTR)
CTCSS/DCS encode & decode
DTMF decode
2/5 tone encode & decode

ENCRYPTION _____

Inversion scrambler built-in. Digital voice scrambler provides 15-bit key (about 32K codes)

Configurations

Model	Description	MSRP
F3261DT NI	136-174MHz nonincendive rated waterproof IDAS radio, full DTMF keypad	$901.00
F3261DT 35 RR	Railroad specific version: 136-174MHz 512 channel, IDAS waterproof portable radio with a DTMF keypad and GPS. Special railroad firmware installed.	$924.00

Accessories

Model	Description	MSRP
ENGRAVE	Engrave radio	$40.00
EXTWARR611	1 year extended warranty	$40.00
EXTWARR612	2 year extended warranty	$70.00
EXTWARR613	3 year extended warranty	$110.00
Antennas		
FASC25U	400-430MHz antenna J type connector	$14.00
FASC25V	136-150MHz antenna J type connector	$14.00
FASC26US	400-450MHz stubby antenna J type connector	$16.00
FASC26VS	136-144MHz stubby antenna J type connector	$16.00
FASC27VS	142-150MHz stubby antenna J type connector	$16.00
FASC28V	142-162MHz antenna J type connector	$14.00
FASC29V	160-174MHz antenna J type connector	$14.00
FASC55V	146-174MHz standard antenna J type connector	$14.00
FASC56VS	150-160MHz stubby antenna J type connector	$16.00
FASC57U	430-470MHz standard antenna (red ring) J type connector	$14.00
FASC57VS	160-174MHz stubby antenna J type connector	$16.00
FASC61UC	380-520MHz cut antenna J type connector	$20.00
FASC61VC	136-174MHz cut antenna for the specific frequency desired	$20.00
FASC62V	150-160MHz high gain antenna J type connector	$59.00
FASC63V	155-165MHz high gain antenna J type connector	$60.00
FASC72U	470-512MHz antenna J type connector	$14.00
FASC73US	450-470MHz stubby antenna for J type connector	$16.00
LARSEN SPHL10160IC	151-163MHz helical ¼ wave antenna center tuned to 157MHz	$45.00

Accessories

Model	Description	MSRP
Batteries		
BP232UL	Li-ion 7.4V 2300mAh (typical capacity), 2250mAh (minimum value) for the nonincendive approved radios	$184.00
BP232WP	Li-ion 7.4V 2300mAh (typical capacity), 2250mAh (minimum value) IP67 waterproof battery	$90.00
Belt Clips		
MB93	Swivel belt clip	$12.00
MB94	Alligator belt clip	$11.00
MB94R	Alligator belt clip with long clip that angles the antenna/top of radio off the body	$19.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Carrying Cases		
LCF3261S SWIVEL	Leather carrying case with a swivel clip and cutout for the display for F3261	$52.00
Chargers		
AD106	Adapter cup for the BC119N/BC121N for the radios with the BP232N/H battery	$29.00
AD122	Adapter cup that fits into the BC197 22/23 for the BP232N/H batteries	$24.00
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC160	Rapid charger for radios with the BP230/231/232 battery; 100-240V with a US style plug	$74.00
BC160E	Rapid charger for radios with the BP230/231/232 battery; 100-240V with a Euro style plug	$74.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	$88.00
SS BC61	Mobile rapid charger with cigarette adapter for the F3161 & F3261 series	$226.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00

Accessories

Model	Description	MSRP
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00

Microphones

Model	Description	MSRP
HM184H	14-pin loud waterproof speaker mic (no accessory jack)	$126.00
HM184UL	14-pin intrinsically safe approved waterproof speaker mic (no accessory jack)	$158.00
HM-HD7I6WP	Large waterproof, high gain speaker microphone with 3.5mm accessory jack (14-pin connector)	$130.00
IMPACT HD3-I6	Lightweight heavy duty use speaker mic with 3.5mm accessory jack (14-pin connector)	$117.00
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	$34.00

Miscellaneous

Model	Description	MSRP
AD118	14-pin ACC adapter to use with Hirose plug accessories	$86.00

Software & Cables

Model	Description	MSRP
CSF3161/F5061	Software to program the F3161/4161 & F5061/6061 radios	$79.00
OPC1870	Radio to radio cloning cable between two 14-pin connector portable radios	$131.00
OPC1871	Radio to radio cloning cable between 14-pin connector portable & mobile radio; used in conjunction with the OPC1534 for encryption key loading on the F7010 portable series	$118.00
OPC2338	14-pin programming cable plus transparent data transfer	$251.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00

F52D/F62D Series

Analog & IDAS Digital Compact Waterproof Portables

SPECS _____

Frequencies:	136-174, 380-470, 450-512MHz
Output Power:	5W
Channels:	512 w/128 zones
Display:	14 character full dot-matrix w/status icons
Mil Spec:	C, D, E, F & G
Scan:	Normal, priority & dual priority
Waterproof Rating:	IP67
Weight:	8.1oz

GENERAL FEATURES _____

Voice recording/playback (up to 8 minutes)
Programmable vibration alert
Bluetooth™ built-in
Voice announcement (channel number and zone)
Backlit LCD and buttons
20-position rotary selector and ON/OFF volume knob
Emergency key
Man down function
Lone worker function

IDAS FEATURES _____

IDAS™ conventional
IDAS™ single-site and multi-site TYPE-D trunking option
AMBE+2™ vocoder
Analog/digital mixed operation
Over-the-Air Programming with manager software
Over-the-Air Alias (OAA) sends own name with a call
Over-the-Air Update (OTAU) changes the repeater channel data and site code over the air (Type-D trunking)
Individual, group call
Status call and polling
Short data message
Transparent data mode

COMES WITH _____

Battery (BP-294)
Belt Clip (MMB-3)
Owner's manual
Warranty: 3-Year

Analog Signaling _____

2-tone, CTCSS, DTCS tone
MDC functions
DTMF autodial

ENCRYPTION _____

Digital voice scrambler (low level encryption)
Analog voice scrambler (inversion)

Configurations

Model	Description	MSRP
F52D 17 USA	136-174MHz compact, IDAS, waterproof portable with 512 channels. Purchase antenna and charger separately.	$730.00
F62D 17 USA	400-470MHz compact IDAS waterproof portable with 512 channels. Purchase antenna and charger separately.	$730.00
F62D 27 USA	450-512MHz compact IDAS waterproof portable with 512 channels. Purchase antenna and charger separately.	$730.00

Accessories

Model	Description	MSRP
EXTWARR611	1 year extended warranty	$40.00
EXTWARR612	2 year extended warranty	$70.00
EXTWARR613	3 year extended warranty	$110.00
ISL-UGMTR	Type D trunking license for single and multi-site trunking	$125.00
Antennas		
FASC25U	400-430MHz antenna J type connector	$14.00
FASC25V	136-150MHz antenna J type connector	$14.00
FASC26US	400-450MHz stubby antenna J type connector	$16.00
FASC26VS	136-144MHz stubby antenna J type connector	$16.00
FASC27VS	142-150MHz stubby antenna J type connector	$16.00
FASC28V	142-162MHz antenna J type connector	$14.00
FASC29V	160-174MHz antenna J type connector	$14.00
FASC56VS	150-160MHz stubby antenna J type connector	$16.00
FASC57U	430-470MHz standard antenna (red ring) J type connector	$14.00
FASC57VS	160-174MHz stubby antenna J type connector	$16.00
FASC61UC	380-520MHz cut antenna J type connector	$20.00
FASC61VC	136-174MHz cut antenna for the specific frequency desired	$20.00
FASC62V	150-160MHz high gain antenna J type connector	$59.00
FASC63V	155-165MHz high gain antenna J type connector	$60.00
FASC72U	470-512MHz antenna J type connector	$14.00
FASC73US	450-470MHz stubby antenna for J type connector	$16.00

Accessories

Model	Description	MSRP
Batteries		
BP290	2010mAh li-ion battery	$112.00
BP291	Battery case 5 x AA	$53.00
BP294	3150mAh li-ion battery for the F52D/F62D/M85	$174.00
Belt Clips		
MB136	Swivel belt clip for F1000/F3400/F7010/F52D/M85 series	$16.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00
MBB3	Standard belt clip	$17.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Carrying Cases		
LCF1052S	Leather case with swivel belt loop and D-ring for the F52D	$52.00
NCF1052C	Nylon case for the F52D with a clip	$32.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC214-1	Six gang charger (includes AC adapter with US plug)	$541.00
BC214-1E	Six gang charger (includes AC adapter with Euro plug)	$541.00
BC219N	Rapid charger for F52D/F62D; 100-240V with a US style plug	$76.00
BC225	Smart rapid charger; 100-240V with a US style plug	$142.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00

Accessories

Model	Description	MSRP
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	$184.00
VS5MC	VOX/PTT switch cable to use with headset (HS94/95/97)	$161.00

Microphones

Model	Description	MSRP
HM184H	14-pin loud waterproof speaker mic (no accessory jack)	$126.00
HM222H	IP68 waterproof speaker microphone w/3.5mm accessory jack (14-pin connector)	$165.00
HM233GP	GPS microphone IP67	$299.00
HM-HD7I6WP	Large waterproof, high gain speaker microphone with 3.5mm accessory jack (14-pin connector)	$130.00
IAHM600	Heavy duty Bluetooth speaker microphone with loud audio, water/dust resistant & 40+ hours of talk time (charger included)	$280.00
SP27	Acoustic tube earphone with a clip (3.5mm)	$38.00
SP29	Earhook type earphone with 3.5mm plug	$27.00
SP40	Earphone with 3.5mm plug	$32.00
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	$34.00

Miscellaneous

Model	Description	MSRP
AD118	14-pin ACC adapter to use with Hirose plug accessories	$86.00
AD135	3.5mm earphone jack adapter that plugs into a 14-pin connector	$45.00
ISL-AK25K	Add 25kHz into the radio	$13.00

Software & Cables

Model	Description	MSRP
CSF52D	F52D/F62D programming software	$105.00
CSOTPM1	Over-the-air programming (OTAP) manager software	$546.00
OPC1870	Radio to radio cloning cable between two 14-pin connector portable radios	$131.00
OPC2338	14-pin programming cable plus transparent data transfer	$251.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00
RSBC225	Battery management software for the BP-283/284/BP290. Can connect up to 30 BC-225 chargers to it.	$263.00

Wire Kits

Model	Description	MSRP
EH15B	Earphone with 2.5mm plug to use with HM-163MC	$33.00

Icom America Inc.

U.S. Land Mobile Retail: Product Catalog

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Accessories

Model	Description	MSRP
HM163MC	Lapel mic with 2.5mm earphone jack	$210.00
SP26	Tube earphone with 2.5mm plug to use with HM-163MC/HM-153LS	$27.00
SP28	Earhook type earphone with 2.5mm plug to use with HM-163MC/HM-153LS	$27.00
SP32	Tube adapter for use with the EH-15B	$32.00

F52DUL/F62DUL Series
Analog & IDAS Digital Intrinsically Safe Portables

SPECS _____

Frequencies:	136-174, 380-470, 450-512MHz
Output Power:	5W
Channels:	512 w/128 zones
Display:	14 character full dot-matrix w/status icons
Mil Spec:	C, D, E, F & G
Scan:	Normal, priority & dual priority
Waterproof Rating:	IP67
Weight:	8.1oz

GENERAL FEATURES _____

Voice recording/playback (up to 8 minutes)
Programmable vibration alert
Bluetooth™ built-in
Voice announcement (channel number and zone)
Backlit LCD and buttons
20-position rotary selector and ON/OFF volume knob
Emergency key
Man down function
Lone worker function
Intrinsically Safe: meets ANSI/TIA-4950-A, ANSI/UL 121201 requirements
    for:
        Intrinsically safe: Class I, Division 1, Groups C, D
        Class II, Division1 Groups E, F, G
        Class III. T3C
        Non-incendive: Class I, Division 2, Groups A, B, C, D

IDAS FEATURES _____

IDAS™ conventional
IDAS™ single-site and multi-site TYPE-D trunking option
AMBE+2™ vocoder
Analog/digital mixed operation
Over-the-Air Programming with manager software
Over-the-Air Alias (OAA) sends own name with a call
Over-the-Air Update (OTAU) changes the repeater channel data and site
    code over the air (Type-D trunking)
Individual, group call
Status call and polling
Short data message
Transparent data mode

COMES WITH _____

Battery (BP-292IS)
Belt Clip (MMB-3)
Owner's manual
Warranty: 3-Year

Analog Signaling _____

2-tone, CTCSS, DTCS tone
MDC functions
DTMF autodial

ENCRYPTION _____

Digital voice scrambler (low level encryption)
Analog voice scrambler (inversion)

Configurations

Model	Description	MSRP
F52DUL	136-174MHz intrinsically safe, IDAS waterproof portable with 512 channels. Purchase antenna and charger separately.	$945.00
F62DUL 12 USA	400-470MHz intrinsically safe, compact IDAS waterproof portable with 512 channels. Purchase antenna and charger separately.	$945.00
F62DUL 22 USA	450-512MHz intrinsically safe, compact IDAS waterproof portable with 512 channels. Purchase antenna and charger separately.	$945.00

Accessories

Model	Description	MSRP
EXTWARR611	1 year extended warranty	$40.00
EXTWARR612	2 year extended warranty	$70.00
EXTWARR613	3 year extended warranty	$110.00
ISL-UGMTR	Type D trunking license for single and multi-site trunking	$125.00
Antennas		
FASC25U	400-430MHz antenna J type connector	$14.00
FASC25V	136-150MHz antenna J type connector	$14.00
FASC26US	400-450MHz stubby antenna J type connector	$16.00
FASC26VS	136-144MHz stubby antenna J type connector	$16.00
FASC27VS	142-150MHz stubby antenna J type connector	$16.00
FASC28V	142-162MHz antenna J type connector	$14.00
FASC29V	160-174MHz antenna J type connector	$14.00
FASC56VS	150-160MHz stubby antenna J type connector	$16.00
FASC57U	430-470MHz standard antenna (red ring) J type connector	$14.00
FASC57VS	160-174MHz stubby antenna J type connector	$16.00
FASC61UC	380-520MHz cut antenna J type connector	$20.00
FASC61VC	136-174MHz cut antenna for the specific frequency desired	$20.00
FASC62V	150-160MHz high gain antenna J type connector	$59.00
FASC63V	155-165MHz high gain antenna J type connector	$60.00
FASC72U	470-512MHz antenna J type connector	$14.00
FASC73US	450-470MHz stubby antenna for J type connector	$16.00

Accessories

Model	Description	MSRP
Batteries		
BP292UL	2010mAh li-ion intrinsically safe battery	$289.00
Belt Clips		
MB136	Swivel belt clip for F1000/F3400/F7010/F52D/M85 series	$16.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00
MBB3	Standard belt clip	$17.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Carrying Cases		
LCF1052S	Leather case with swivel belt loop and D-ring for the F52D	$52.00
NCF1052C	Nylon case for the F52D with a clip	$32.00
Chargers		
BC226	Connectable rapid charger (connect up to 6). Requires AC adapter: BC123S for single use or BC228 for 2+	$80.00
BC227	Rapid charger that goes into trickle mode at a 80% charge (US Plug)	$72.00
BC228	AC adapter for connectable chargers (BC226 & BC202IP3)	$79.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
Microphones		
HM184UL	14-pin intrinsically safe approved waterproof speaker mic (no accessory jack)	$158.00
Miscellaneous		
ISL-AK25K	Add 25kHz into the radio	$13.00
Software & Cables		
CSF52D	F52D/F62D programming software	$105.00
CSOTPM1	Over-the-air programming (OTAP) manager software	$546.00
OPC1870	Radio to radio cloning cable between two 14-pin connector portable radios	$131.00
OPC2338	14-pin programming cable plus transparent data transfer	$251.00

Accessories

Model	Description	MSRP
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00

Icom America Inc.

F3400D – F4400D Series

VHF UHF Digital Handheld Transceiver

SPECS _____

Frequencies: 136-174, 380-470, 450-512MHz
Output Power: 5W
Channels: 32 channels w/2 zones (F3400D),
1024 channels w/128 zones (F3400DS/DT)
Channel Spacing: 12.5 & 6.25kHz
Mil Spec: C, D, E, F, G
Weight: 6.4oz (main unit without battery pack and antenna)
Waterproof Rating: IP68
Versions: With full keypad
With simple keypad
Without LCD and front keypad

FEATURES _____

General Features
- Basic LTR® / Conventional / IDAS
- GPS built-in
- Bluetooth™ built-in
- Intuitive user interface
- High-resolution color LCD
- Digital voice recorder – record up to 500 hours with 32GB microSD card
- Man down, motion detection, stationary detection, lone worker and power OFF emergency
- AquaQuake™
- Audio equalizer*

Digital Features
- IDAS™ conventional
- IDAS single-site and multi-site Type D trunking (optional upgrade)
- IDAS single-site and multi-site Type C trunking (optional upgrade)*
- Voting mode scanning
- NXDN® Digital Air Interface
- AMBE+2™ VOCODER
- Individual & group selective call
- Strongest site search
- Over-the-Air Programming (requires software & license)*

COMES WITH _____

Battery Pack (BP-283)
Belt clip (MB-133)
Antenna & charger purchased separately
Owner's manual
Warranty: 3 years

ANALOG SIGNALING _____

2-tone, 5-tone, CTCSS and DTCS built-in
DTMF autodial and DTMF decode
MDC1200 compatible

ENCRYPTION _____

AES/DES UT-134
Over-the-Air Rekeying (requires license)*

*Future Availability

MDC 1200 Compatible   MULTITRUNK   Meets MIL-STD 810   IDAS ICOM DIGITAL ADVANCED SYSTEM

Configurations

Model	Description	MSRP
F3400DS 51 USA	136-174MHz IDAS portable with 1024 channels and a color display. Purchase antenna and charger separately.	$882.00
F3400DT 41 USA	136-174MHz IDAS portable with 1024 channels, a color display, and full DTMF keypad. Purchase antenna and charger separately.	$940.00
F4400DS 81 USA	380-470MHz IDAS portable with 1024 channels, and a color display. Purchase antenna and charger separately.	$882.00
F4400DT 71 USA	380-470MHz IDAS portable with 1024 channels, a color display, and full DTMF keypad. Purchase antenna and charger separately.	$940.00
F4400DS 43 USA	450-512MHz IDAS portable with 1024 channels and a color display. Purchase antenna and charger separately.	$882.00
F4400DT 33 USA	450-512MHz IDAS portable with 1024 channels, a color display, and full DTMF keypad. Purchase antenna and charger separately.	$940.00

Accessories

Model	Description	MSRP
EXTWARR811	1 year extended warranty	$65.00
EXTWARR812	2 year extended warranty	$93.00
EXTWARR813	3 year extended warranty	$130.00
ISL-UGMTR	Type D trunking license for single and multi-site trunking	$125.00
Antennas		
FAS67VC	136-174MHz cut antenna - F3400/F7010/F9011	$32.00
FAS76UC	380-520MHz cut antenna for F4400/F9021	$32.00
FAS81U	380-430MHz antenna for F4400	$23.00
FAS81US	400-450MHz stubby antenna for F4400	$20.00
FAS81V	136-150MHz antenna for F3400/F7010/F9011	$23.00
FAS82U	430-480MHz antenna for F4400	$23.00
FAS82US	450-490MHz stubby antenna for F4400	$20.00
FAS82V	148-162MHz antenna	$23.00
FAS82VS	148-162MHz stubby antenna	$20.00
FAS83U	470-520MHz antenna for F4400	$23.00
FAS83V	160-174MHz antenna for F3400	$23.00

Accessories

Model	Description	MSRP
Batteries		
BP284	Li-ion 7.4V 3210mAh (typical capacity), 3070mAh (minimum value)	$187.00
BP305	Battery case AA x5	$110.00
Belt Clips		
MB133	Alligator type belt clip	$18.00
MB136	Swivel belt clip for F1000/F3400/F7010/F52D/M85 series	$16.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00
Cables		
IAOPC1003	USB to micro-USB 3ft cable	$13.00
OPC515L	DC power cable for single unit rapid chargers	$28.00
Carrying Cases		
LCF1035SW	Leather case with swivel belt loop and D-ring; display cutout for the F3400DS & F7010S	$52.00
LCF1036SW	Leather case with swivel belt loop and D-ring; display & full keypad cutout for the F3400DT & F7010T	$52.00
NCF1035C	Nylon case with metal clip with display cutout; F3400DS/F7010S	$32.00
NCF1036C	Nylon case with metal clip with full keypad cutout; F3400DT/F7010T	$32.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC214-1	Six gang charger (includes AC adapter with US plug)	$541.00
BC214-1E	Six gang charger (includes AC adapter with Euro plug)	$541.00
BC219E	Rapid charger for radios with the BP283/BP28/BP290/BP294 batteries; 100-240V with a Euro style plug	$76.00
BC219N	Rapid charger for radios with the BP283/BP284; 100-240V with a US style plug	$76.00
BC225	Smart rapid charger; 100-240V with a US style plug	$142.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00

Accessories

Model	Description	MSRP
IABC1019	Heavy duty vehicular charger	$420.00
SS BC62	Mobile rapid charger with cigarette adapter for the F3400 & F7010 series	$247.00

Encryption & Internal Modules

Model	Description	MSRP
CSKLD2	Encryption key loader software for F3400/F5400 series	$630.00
INSTALL-MF	Install a component into an LM mobile or portable	$40.00
ISL-AKAES	AES activation code for F3400/F5400 series	$360.00
UT134	AES/DES encryption board; requires ISL code to activate AES	$197.00

Headsets

Model	Description	MSRP
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00

Microphones

Model	Description	MSRP
HM184H	14-pin loud waterproof speaker mic (no accessory jack)	$126.00
HM222H	IP68 waterproof speaker microphone w/3.5mm accessory jack (14-pin connector)	$165.00
HM-HD7I6WP	Large waterproof, high gain speaker microphone with 3.5mm accessory jack (14-pin connector)	$130.00
IAHM600	Heavy duty Bluetooth speaker microphone with loud audio, water/dust resistant & 40+ hours of talk time (charger included)	$280.00
SP27	Acoustic tube earphone with a clip (3.5mm)	$38.00
SP29	Earhook type earphone with 3.5mm plug	$27.00
SP40	Earphone with 3.5mm plug	$32.00
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	$34.00

Miscellaneous

Model	Description	MSRP
AD118	14-pin ACC adapter to use with Hirose plug accessories	$86.00
ISL-AK25K	Add 25kHz into the radio	$13.00
ISL-AKSTM	Add front panel programming/tactical group functions	$195.00
ISL-CHEX	Memory channel expansion (4000 CH)	$420.00
MSD CARD	32GB micro SD card	$32.00

Accessories

Model	Description	MSRP
Software & Cables		
CSF3400D	Programming software for the F3400D/F5400D series	$84.00
CSOTPM1	Over-the-air programming (OTAP) manager software	$546.00
OPC1870	Radio to radio cloning cable between two 14-pin connector portable radios	$131.00
OPC2338	14-pin programming cable plus transparent data transfer	$251.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00

F9011 – F9021 Series
P25 Digital & Analog Portables

SPECS _____

Frequencies:	136-174, 380-470, 450-520MHz
Output Power:	6W (VHF); 5W (UHF)
Channels:	512 / 128 zones
Channel Spacing:	15 / 30kHz (analog) 12.5kHz (digital)
Display:	Dot matrix with backlighting
Programmable Keys:	12 buttons, 1 toggle, 1 3-position switch
Mil Spec:	810 C, D, E
Scan:	Normal, priority & dual priority
Waterproof Rating:	IP57 submersible
Weight:	1.17lb (with BP-254)
Versions:	No display, no keypad Display, no DTMF keypad Display, full DTMF keypad

FEATURES _____

General Features:
- 100 individual ID and 250 talkgroup ID memories
- 4-way navigational cross keypad (S & T versions)
- Encryption toggle
- 3-position zone select switch
- Tactical group function
- Scan settings – dual priority, mode dependent, talk back and more
- Man down option
- 14 pin accessory connector with programmable key assign
- Built-in audio compander (analog only)

P25 Digital Features:
- P25 digital conventional
- P25 digital trunking option
- DVSI's AMBE+2™ vocoder
- Digital/analog mixed mode operation
- P25 OTAR option

Compliant Standards:
- TIA/EIA TSB 102. CAAB compliant
- NTIA VHF specification compliant
- FIPS 140-2 (level 1) certified AES encryption

COMES WITH _____

Antenna
- 136-174: FA-S65V
- 380-470: FA-S30U
- 450-520: FA-S75U

Battery (BP-254)
Belt Clip (MB-115)
Owner's manual
Warranty: 3 years

ENCRYPTION _____

DES: UT-128
AES/DES: UT-125
AES FIPS: UT-125 FIPS

SIGNALING _____

CTCSS / DCS encode & decode (analog only)
2 Tone endocer and decoder (analog only)
DTMF autiodial (analog only)
MDC1200 (analog only)

Configurations

Model	Description	MSRP
F9011B 01	136-174MHz P25 conventional portable, 6W, 512 CH, basic model, no display or keypad	$1,328.00
F9011B 21	136-174MHz P25 Conventional portable, 6W, 512 CH, basic model, no display or keypad	$1,397.00
F9021B 91	380-470MHz P25 Conventional portable, 5W, 512 CH, basic model, no display or keypad	$1,397.00
F9021T 10	400-470MHz P25 Trunking portable, 5W, 512 CH, display, full DTMF keypad	$2,310.00
F9021T 30	450-512MHz P25 Trunking portable, 5W, 512 CH, display, full DTMF keypad	$1,628.00

Accessories

Model	Description	MSRP
ENGRAVE	Engrave radio	$40.00
EXTWARR811	1 year extended warranty	$65.00
EXTWARR812	2 year extended warranty	$93.00
EXTWARR813	3 year extended warranty	$130.00
ISL-3	P25 trunking upgrade for the F9011/9511 series radios	$500.00
Antennas		
FAS58U	400-470MHz antenna - standard on the F9021	$19.00
FAS65V	148-160 MHz flexible antenna - standard on F9011	$19.00
FAS67VC	136-174MHz cut antenna - F3400/F7010/F9011	$32.00
FAS81V	136-150MHz antenna for F3400/F7010/F9011	$23.00
GAL 06026	VHF Wideband 136-174MHz Helical Antenna.	$105.00
Batteries		
BP254	Li-ion 7.2V 3040mAh (typical capacity), 2900mAh (minimum value) for P25 portables	$163.00
Belt Clips		
MB115	Standard belt clip for F9011 series	$11.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Chargers		
AD110	Adapter cup to install in the BC119N or BC121N for the BP253 or BP254 batteries	$29.00
BC119NS 11	Rapid charger with AD110 installed for F70/80/9011/9021 radios; 100-240V with US style plug	$100.00

Accessories

Model	Description	MSRP
BC121NS	6-Unit Charger Kit BC121N + AD110 x 6. Requires BC157S AC adapter.	$494.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00

Encryption & Internal Modules

Model	Description	MSRP
INSTALL-MF	Install a component into an LM mobile or portable	$40.00
OPC-IAKVL14	Interface Cable with 14 Pin Connector between P25 portable & KA KVL125	$242.00
UT125 01	AES/DES encryption board with OTAR compliance for F9011/F9511 series	$730.00
UT125 FIPS	FIPS 140-2 AES encryption board with OTAR compliance for F9011/F9511 series	$828.00
UT128	DES encryption for F9011/F9511 radios	$441.00

Headsets

Model	Description	MSRP
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00

Microphones

Model	Description	MSRP
HM184H	14-pin loud waterproof speaker mic (no accessory jack)	$126.00
HM-HD7I6WP	Large waterproof, high gain speaker microphone with 3.5mm accessory jack (14-pin connector)	$130.00
IMPACT HD3-I6	Lightweight heavy duty use speaker mic with 3.5mm accessory jack (14-pin connector)	$117.00
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	$34.00

Miscellaneous

Model	Description	MSRP
AD118	14-pin ACC adapter to use with Hirose plug accessories	$86.00

Software & Cables

Model	Description	MSRP
CSF9010/F9510	F9011/9511 programming software	$79.00
OPC1534	Key Loader cable for P25 radio to KVL3000/4000. For portables: requires OPC-1871, RJ45 female to RJ45 female & 8920001690. For mobiles: requires RJ45 female to RJ45 female & 8920001690.	$242.00
OPC1870	Radio to radio cloning cable between two 14-pin connector portable radios	$131.00

Accessories

Model	Description	MSRP
OPC1871	Radio to radio cloning cable between 14-pin connector portable & mobile radio; used in conjunction with the OPC1534 for encryption key loading on the F7010 portable series	$118.00
OPC2338	14-pin programming cable plus transparent data transfer	$251.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00

F7010 – F7020 – F7040 Series

P25 Conventional & Analog Portables

SPECS _____

Frequencies: 136-174, 380-470, 450-
                        512MHz
Output Power: 5W
Channels: 1024 w/128 zones
Display: High resolution color LCD
Mil Spec: C, D, E, F & G
Waterproof Rating: IP68
Weight: 12.5oz

FEATURES _____

General Features:
- GPS built-in
- Bluetooth™ built-in
- Intuitive user interface
- Digital voice recorder – record up to 500 hours with 32GB microSD card
- Man down, motion detection, stationary detection, lone worker, and power OFF emergency
- AquaQuake™
- Audio equalizer
- Day and night mode display settings

P25 Digital Features:
- P25 conventional
- P25 Phase 1 trunking option
- P25 Phase 2 trunking option
- P25 vote scan option
- Analog/digital mixed operation
- Individual, group call
- Unit ID and talkgroup display on receive
- Status call and polling
- Short data message (up to 100 characters)
- Page call
- Phone number list
- Call log

COMES WITH _____

Battery (BP-284)
Belt Clip (MB-133)
Owner's manual
Warranty: 3 years

ENCRYPTION _____

AES/DES: UT-134 + license key
FIPS AES: UT-125 FIPS-2 + license key

SIGNALING _____

2-tone, CTCSS, DTCS tone
MDC functions
DTMF autodial

Configurations

Model	Description	MSRP
F7010S 13 USA	136-174MHz P25 conventional portable without a full keypad. Purchase antenna and charger separately.	$1,659.00
F7010T 23 USA	136-174MHz P25 conventional portable with full DTMF keypad. Purchase antenna and charger separately.	$1,733.00
F7020S 51 USA	380-470MHz P25 conventional portable without a full keypad. Purchase antenna and charger separately.	$1,659.00
F7020T 21	380-470MHz P25 conventional portable with full DTMF keypad. Purchase antenna and charger separately.	$1,733.00
F7020S 71 USA	450-512MHz P25 conventional portable without a full keypad. Purchase antenna and charger separately.	$1,659.00
F7020T 41	450-512MHz P25 conventional portable with full DTMF keypad. Purchase antenna and charger separately.	$1,733.00
F7040S 31 USA	7/800MHz P25 conventional portable with partial keypad.	$1,680.00
F7040T	7/800MHz P25 conventional portable with full DTMF keypad.	$1,754.00

Accessories

Model	Description	MSRP
EXTWARR811	1 year extended warranty	$65.00
EXTWARR812	2 year extended warranty	$93.00
EXTWARR813	3 year extended warranty	$130.00
ISL-P25DS	P25 packet data service (GPS/text) license	$175.00
ISL-P25FP	Front panel programming	$330.00
ISL-P25P2	P25 Phase 2 trunking license (Phase 1 license required)	$420.00
ISL-P25TR	P25 Phase 1 trunking license	$500.00
ISL-P25VS	P25 conventional voting scan license	$120.00
ISL-P25W	Enable 25kHz in the F7010/F7510 radios	$5.00
Antennas		
FAS100U	7/800MHz antenna	$26.00
FAS67VC	136-174MHz cut antenna - F3400/F7010/F9011	$32.00
FAS76UC	380-520MHz cut antenna for F4400/F9021	$32.00
FAS81U	380-430MHz antenna for F4400	$23.00
FAS81US	400-450MHz stubby antenna for F4400	$20.00

Accessories

Model	Description	MSRP
FAS81V	136-150MHz antenna for F3400/F7010/F9011	$23.00
FAS82U	430-480MHz antenna for F4400	$23.00
FAS82US	450-490MHz stubby antenna for F4400	$20.00
FAS82V	148-162MHz antenna	$23.00
FAS82VS	148-162MHz stubby antenna	$20.00
FAS83U	470-520MHz antenna for F4400	$23.00
FAS83V	160-174MHz antenna for F3400	$23.00
GAL 06026	VHF Wideband 136-174MHz Helical Antenna.	$105.00
Batteries		
BP284	Li-ion 7.4V 3210mAh (typical capacity), 3070mAh (minimum value)	$187.00
BP305	Battery case AA x5	$110.00
Belt Clips		
MB133	Alligator type belt clip	$18.00
MB136	Swivel belt clip for F1000/F3400/F7010/F52D/M85 series	$16.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00
Cables		
IAOPC1003	USB to micro-USB 3ft cable	$13.00
OPC515L	DC power cable for single unit rapid chargers	$28.00
Carrying Cases		
LCF1035SW	Leather case with swivel belt loop and D-ring; display cutout for the F3400DS & F7010S	$52.00
LCF1036SW	Leather case with swivel belt loop and D-ring; display & full keypad cutout for the F3400DT & F7010T	$52.00
NCF1035C	Nylon case with metal clip with display cutout; F3400DS/F7010S	$32.00
NCF1036C	Nylon case with metal clip with full keypad cutout; F3400DT/F7010T	$32.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00

Icom America Inc.

Accessories

Model	Description	MSRP
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC214-1	Six gang charger (includes AC adapter with US plug)	$541.00
BC214-1E	Six gang charger (includes AC adapter with Euro plug)	$541.00
BC219E	Rapid charger for radios with the BP283/BP28/BP290/BP294 batteries; 100-240V with a Euro style plug	$76.00
BC219N	Rapid charger for radios with the BP283/BP284; 100-240V with a US style plug	$76.00
BC225	Smart rapid charger; 100-240V with a US style plug	$142.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
IABC1019	Heavy duty vehicular charger	$420.00
SS BC62	Mobile rapid charger with cigarette adapter for the F3400 & F7010 series	$247.00

Encryption & Internal Modules

Model	Description	MSRP
INSTALL-MF	Install a component into an LM mobile or portable	$40.00
ISL-P25AES	AES activation key enables AES in radio (requires UT134 or UT125 FIPS-2)	$360.00
OPC-IAKVL14	Interface Cable with 14 Pin Connector between P25 portable & KA KVL125	$242.00
UT125 FIPS-2	FIPS 140-2 encryption board; requires ISL-P25AES license key to activate AES	$872.00
UT134	AES/DES encryption board; requires ISL code to activate AES	$197.00

Headsets

Model	Description	MSRP
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	$184.00

Microphones

Model	Description	MSRP
HM184H	14-pin loud waterproof speaker mic (no accessory jack)	$126.00
HM222H	IP68 waterproof speaker microphone w/3.5mm accessory jack (14-pin connector)	$165.00
HM-HD7I6WP	Large waterproof, high gain speaker microphone with 3.5mm accessory jack (14-pin connector)	$130.00
IAHM600	Heavy duty Bluetooth speaker microphone with loud audio, water/dust resistant & 40+ hours of talk time (charger included)	$280.00

Accessories

Model	Description	MSRP
SP27	Acoustic tube earphone with a clip (3.5mm)	$38.00
SP29	Earhook type earphone with 3.5mm plug	$27.00
SP40	Earphone with 3.5mm plug	$32.00
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	$34.00

Miscellaneous

AD118	14-pin ACC adapter to use with Hirose plug accessories	$86.00

Software & Cables

CSF7510	Programming software for the F7010 & F7510 P25 radios	$105.00
CSOTPM2	P25 over-the-air programming (OTAP) manager software; support only conventional mode	$840.00
IASKF7P	System Owner Master Key (SOMK); USB Dongle and CS-F7500ASK "P25 Advanced System Key (ASK) Manager Application" Note: Available only to P25 trunking system owners and requires the completion of the "P25 System Key Request Form" by the P25 Trunking System Owner	$525.00
IASKF7S	Accessory Advanced System Key (AASK) USB dongle required for programming P25 trunking parameters. Note: shipped unprogrammed; requires P25 trunking system owner to program	$236.00
OPC1534	Key Loader cable for P25 radio to KVL3000/4000. For portables: requires OPC-1871, RJ45 female to RJ45 female & 8920001690. For mobiles: requires RJ45 female to RJ45 female & 8920001690.	$242.00
OPC1870	Radio to radio cloning cable between two 14-pin connector portable radios	$131.00
OPC1871	Radio to radio cloning cable between 14-pin connector portable & mobile radio; used in conjunction with the OPC1534 for encryption key loading on the F7010 portable series	$118.00
OPC2338	14-pin programming cable plus transparent data transfer	$251.00
OPC2362	Handheld to mobile zone copy cable (14-pin to 10-pin DIM)	$105.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00
RSBC225	Battery management software for the BP-283/284/BP290. Can connect up to 30 BC-225 chargers to it.	$263.00

Mobiles

Icom America Inc.

F5011 - F6011 Series

Basic Analog Mobiles

SPECS _____

Frequencies: 136-174, 400-470, 450-512MHz
Output Power: 50W (VHF), 45W (UHF)
Channels: 8 with 2 zones
Channel Spacing: 12.5kHz
Programmable Keys: 4
Mil Spec: 810 C, D, E
Scan: Normal, priority & dual priority

FEATURES _____

Priority scan function allows you to monitor one or two priority channels while scanning other non-priority channels
Tx channel and talk back functions allow you to make a quick response while scanning
4W speaker
Microphone hanger action programmable
Time out timer, lock-out penalty timer
Talk around function
Power-on password
Nuisance delete function

SIGNALING _____

CTCSS / DCS Encode/Decode
DTMF Encode
2/5 Tone
- Up to 10 2-tone codes can be decoded on a channel
- Up to 8 5-tone codes can be decoded on a channel

MDC1200
- PTT ID(Tx)
- Emergency call (Tx)
- Radio check (Rx)
- Stun/revive (Rx)

DTMF decode & autodial: UT-108R

COMES WITH _____

Microphone (HM-152)
Mounting bracket (F121 MMB)
Power cable (OPC-1132)
Owner's manual
Warranty: 2 years

ENCRYPTION _____

Simple Inversion: UT-109R 32 Codes
Rolling Code: UT-110R 1020 Codes

Configurations

Model	Description	MSRP
F5011 66 USA	136-174MHz mobile	$372.00
F6011 66 USA	400-470MHz mobile	$372.00
F6011 67 USA	450-512MHz mobile	$372.00

Accessories

Model	Description	MSRP
ENGRAVE	Engrave radio	$40.00
EXTWARR211	1 year extended warranty for a total 3 years	$25.00
EXTWARR212	2 year extended warranty for a total 4 years	$44.00
EXTWARR213	3 year extended warranty for a total 5 years	$62.00
Antennas		
ANTENNA 1	118-940MHz 1/4 wave antenna, unity gain, field tunable	$20.00
ANTENNA 2	144-174MHz 3dB gain mountable antenna, CHR, 59" high	$55.00
ANTENNA 3	450-470MHz 5dB gain mountable antenna, CHR, 40" high	$62.00
ANTENNA 4	152-162MHz, unity gain antenna, NMO compatible, 21.6". Factory tuned to 157MHz	$22.00
Cables		
OPC1132	DC power cable (9.8ft) with 2-pin T connector.	$48.00
OPC1939	D-Sub 15-pin ACC cable. Connects with a PC, external speaker, external channel control, ignition sense line or vehicle horn	$102.00
OPC2078	D-Sub 25-pin ACC cable. Connects with a PC, external speaker, external channel control, ignition sense line or vehicle horn	$100.00
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	$107.00
Encryption & Internal Modules		
INSTALL-MF	Install a component into an LM mobile or portable	$40.00
External Speakers		
SP30	20W large external speaker	$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00

Accessories

Model	Description	MSRP
Microphones		
HM148G	Self grounding microphone for mobile radios	$72.00
HM148T	DMTF mobile microphone	$112.00
HM152	Standard microphone for low/mid range mobile radios	$50.00
HM152T	DTMF modular microphone for LM mobile radios	$102.00
SM26	Desktop microphone with monitor switch for mobile radios	$110.00
Mounting Hardware		
F121 MMB	Mounting bracket F121/F221 F5011/F5021 series	$12.00
MOUNT 1	NMO Permanent Mount, 17ft RG58 cable, PL259 connector	$29.00
MOUNT 3	Black Magnetic Mount - 3 1/4" diameter, 12ft RG58 cable w/PL259 connector	$50.00
Power Supplies		
CONTROL STATION ASSEMBLE	Install mobile into power supply and cabinet to make control station	$20.00
IAPS04	110V power supply and cabinet for control station use for F5011/5021/F5121/F5220	$366.67
Software & Cables		
CSF3021/F5021/F5011	F3021/5021/5011 series programming software	$79.00
OPC2344	PC to mobile radio programming cloning cable with USB connector.	$115.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00

F5021 - F6021 Series

Advanced Analog Mobiles

SPECS _____

Frequencies:	136-174, 400-470, 450-512MHz
Output Power:	50W (VHF), 45W (UHF)
Channels:	128 channels, 8 zones
Channel Spacing:	12.5 kHz
Display:	LCD with 8 character alphanumeric
Programmable Keys:	6
Mil Spec:	810 C, D, E, F
Scan:	Normal & priority

FEATURES _____

External memory channel control w/ optional ACC cable
Tx channel setting & talk back function
Radio kill, stun, revive
Embedded ESN
Mode dependent scan
Lone worker function
Power-on password
Nuisance delete function

SIGNALING _____

CTCSS / DCS Encode/Decode
2/5 Tone Encode/Decode
- Up to 10 2-tone codes can be decoded on a channel
- Up to 8 5-tone codes can be decoded on a channel
- Programmable items for codes: Beep sound, Answer back, Scan, Bell icon, Radio stun/kill

MDC1200
- PTT ID (Tx/Rx)
- Radio stun (Rx)
- Emergency TX/RX
- Radio check (Rx)
- Radio revive (Rx)
- 5 alias table

DTMF Encode

COMES WITH _____

Microphone (HM-152)
Mounting bracket
Power cable (OPC-1132)
Owner's manual
Warranty: 2 years

ENCRYPTION _____

Simple Inversion: UT-109R 32 Codes
Rolling Code: UT-110R 1020 Codes

Configurations

Model	Description	MSRP
F5021 66 USA	136-174MHz mobile	$423.00
F6021 56 USA	400-470MHz mobile	$423.00
F6021 57 USA	450-512MHz mobile	$423.00

Accessories

Model	Description	MSRP
ENGRAVE	Engrave radio	$40.00
EXTWARR211	1 year extended warranty for a total 3 years	$25.00
EXTWARR212	2 year extended warranty for a total 4 years	$44.00
EXTWARR213	3 year extended warranty for a total 5 years	$62.00
Antennas		
ANTENNA 1	118-940MHz 1/4 wave antenna, unity gain, field tunable	$20.00
ANTENNA 2	144-174MHz 3dB gain mountable antenna, CHR, 59" high	$55.00
ANTENNA 3	450-470MHz 5dB gain mountable antenna, CHR, 40" high	$62.00
ANTENNA 4	152-162MHz, unity gain antenna, NMO compatible, 21.6". Factory tuned to 157MHz	$22.00
Cables		
OPC1132	DC power cable (9.8ft) with 2-pin T connector.	$48.00
OPC1939	D-Sub 15-pin ACC cable. Connects with a PC, external speaker, external channel control, ignition sense line or vehicle horn	$102.00
OPC2078	D-Sub 25-pin ACC cable. Connects with a PC, external speaker, external channel control, ignition sense line or vehicle horn	$100.00
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	$107.00
Encryption & Internal Modules		
INSTALL-MF	Install a component into an LM mobile or portable	$40.00
External Speakers		
SP30	20W large external speaker	$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Microphones		
HM148G	Self grounding microphone for mobile radios	$72.00

Icom America Inc.

Accessories

Model	Description	MSRP
HM148T	DMTF mobile microphone	$112.00
HM152	Standard microphone for low/mid range mobile radios	$50.00
HM152T	DTMF modular microphone for LM mobile radios	$102.00
SM26	Desktop microphone with monitor switch for mobile radios	$110.00

Mounting Hardware

Model	Description	MSRP
F121 MMB	Mounting bracket F121/F221 F5011/F5021 series	$12.00
MOUNT 1	NMO Permanent Mount, 17ft RG58 cable, PL259 connector	$29.00
MOUNT 3	Black Magnetic Mount - 3 1/4" diameter, 12ft RG58 cable w/PL259 connector	$50.00

Power Supplies

Model	Description	MSRP
CONTROL STATION ASSEMBLE	Install mobile into power supply and cabinet to make control station	$20.00
IAPS04	110V power supply and cabinet for control station use for F5011/5021/F5121/F5220	$366.67

Software & Cables

Model	Description	MSRP
CSF3021/F5021/F5011	F3021/5021/5011 series programming software	$79.00
OPC2344	PC to mobile radio programming cloning cable with USB connector.	$115.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00

F5121D - F6121D Series
IDAS™ Mobiles

SPECS _____

Frequencies:	136-174, 400-470, 450-512MHz
Output Power:	50W (VHF), 45W (UHF)
Channels:	128 with 8 zones
Channel Spacing:	12.5kHz; 6.25kHz Digital
LCD Display:	8 Character alphanumeric LCD with backlit or night time operation
Programmable Keys:	7
Mil Spec:	810 C, D, E, F
Scan:	Normal, priority & dual priority

FEATURES _____

General Features:
- Lone worker function
- Power-on password function
- Time out timer
- Mic hanger action programmable

Digital Features:
- IDAS™ conventional
- IDAS™ single-site trunking
- Digital / Analog mixed mode operation
- NXDN® Digital Air Interface
- AMBE+2™ VOCODER
- 64 Radio Access Numbers (RAN)
- GPS receiver connection w/ optional OPC-2078 ACC cable
- Programmable features:
  - PTT ID
  - RAN (radio access number)
  - Individual/talkgroup list (max 500)
  - SDM (short data message)
  - Remote monitor (Rx)
  - Digital voice scrambler
  - Call alert, stun/kill/revive (Rx), Emergency
  - Status, Radio check (Rx)

COMES WITH _____

Microphone (HM-152)
Mounting bracket kit
DC Power cable (OPC-1132)
Owner's manual
Warranty: 2 years

SIGNALING _____

2/5 Tone in analog mode
CTCSS/DTCS encoder/decoder (analog only)
DTMF Encode
DTMF Decode: UT-108R
MDC1200
- PTT ID
- Emergency
- Radio check (Rx)
- Stun/revive (Rx)
- 500 alias table

Configurations

Model	Description	MSRP
F5121D	136-174MHz IDAS mobile	$683.00
F6121D 76 USA	400-470MHz IDAS mobile	$683.00

Accessories

Model	Description	MSRP
ENGRAVE	Engrave radio	$40.00
EXTWARR211	1 year extended warranty for a total 3 years	$25.00
EXTWARR212	2 year extended warranty for a total 4 years	$44.00
EXTWARR213	3 year extended warranty for a total 5 years	$62.00
Antennas		
ANTENNA 1	118-940MHz 1/4 wave antenna, unity gain, field tunable	$20.00
ANTENNA 2	144-174MHz 3dB gain mountable antenna, CHR, 59" high	$55.00
ANTENNA 3	450-470MHz 5dB gain mountable antenna, CHR, 40" high	$62.00
ANTENNA 4	152-162MHz, unity gain antenna, NMO compatible, 21.6". Factory tuned to 157MHz	$22.00
Cables		
OPC1132	DC power cable (9.8ft) with 2-pin T connector.	$48.00
OPC1939	D-Sub 15-pin ACC cable. Connects with a PC, external speaker, external channel control, ignition sense line or vehicle horn	$102.00
OPC2078	D-Sub 25-pin ACC cable. Connects with a PC, external speaker, external channel control, ignition sense line or vehicle horn	$100.00
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	$107.00
External Speakers		
SP30	20W large external speaker	$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Microphones		
HM148G	Self grounding microphone for mobile radios	$72.00
HM148T	DMTF mobile microphone	$112.00
HM152	Standard microphone for low/mid range mobile radios	$50.00
HM152T	DTMF modular microphone for LM mobile radios	$102.00

Accessories

Model	Description	MSRP
SM26	Desktop microphone with monitor switch for mobile radios	$110.00

Mounting Hardware

Model	Description	MSRP
F121 MMB	Mounting bracket F121/F221 F5011/F5021 series	$12.00
MOUNT 1	NMO Permanent Mount, 17ft RG58 cable, PL259 connector	$29.00
MOUNT 3	Black Magnetic Mount - 3 1/4" diameter, 12ft RG58 cable w/PL259 connector	$50.00

Power Supplies

Model	Description	MSRP
CONTROL STATION ASSEMBLE	Install mobile into power supply and cabinet to make control station	$20.00
IAPS04	110V power supply and cabinet for control station use for F5011/5021/F5121/F5220	$366.67

Software & Cables

Model	Description	MSRP
CSF3101D/F5121D	F3101D/F5121D series programming software	$79.00
OPC2344	PC to mobile radio programming cloning cable with USB connector.	$115.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00

F5130D – F6130D Series

Entry-level IDAS™ Mobile Radio

SPECS _____

Frequencies:	136-174, 400-512 MHz
Output Power:	50W (VHF); 45W (UHF)
Channels:	128 channels, 8 zones
Channel Spacing:	12.5kHz; 6.25kHz Digital
LCD Display:	8 character alphanumeric black background LCD
Mil Spec:	810 C, D, E, F, G
Programmable keys:	4
Scan:	Voting, priority & non-priority
Weight (approx):	2.7 lbs.

FEATURES _____

General Features:
- Analog, digital mixed mode
- CTCSS/2-Tone/5-Tone/MDC
- GPS position display
- Programmable DTMF microphone
- Microphone hanger action programmable
- Emergency call and Lone worker
- Remote monitor (RX)
- Radio kill, stun, and revive
- Power ON password

Digital Features:
- NXDN™ conventional, mulit-site conventional, simulcast
- NXDN single-site trunking
- PTT ID and ANI
- Over-the-Air Alias (OAA)
- Short data messaging
- Individual, group, and all call
- Call alert
- Radio check (RX only)
- Call log
- Talk back timer

COMES WITH _____

Hand microphone (HM-152)
Microphone hanger
DC power cable
Mounting bracket kit
Warranty: 2 years

Configurations

Model	Description	MSRP
F5130D 11 USA	50W, 136-174MHz, IDAS mobile radio	$550.00
F6130D 11 USA	45W 400-512MHz, IDAS mobile radio	$550.00

Accessories

Model	Description	MSRP
ENGRAVE	Engrave radio	$40.00
EXTWARR211	1 year extended warranty for a total 3 years	$25.00
EXTWARR212	2 year extended warranty for a total 4 years	$44.00
EXTWARR213	3 year extended warranty for a total 5 years	$62.00
Antennas		
ANTENNA 1	118-940MHz 1/4 wave antenna, unity gain, field tunable	$20.00
ANTENNA 2	144-174MHz 3dB gain mountable antenna, CHR, 59" high	$55.00
ANTENNA 3	450-470MHz 5dB gain mountable antenna, CHR, 40" high	$62.00
ANTENNA 4	152-162MHz, unity gain antenna, NMO compatible, 21.6". Factory tuned to 157MHz	$22.00
Cables		
OPC1939	D-Sub 15-pin ACC cable. Connects with a PC, external speaker, external channel control, ignition sense line or vehicle horn	$102.00
OPC2078	D-Sub 25-pin ACC cable. Connects with a PC, external speaker, external channel control, ignition sense line or vehicle horn	$100.00
External Speakers		
SP30	20W large external speaker	$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Microphones		
HM148G	Self grounding microphone for mobile radios	$72.00
HM148T	DMTF mobile microphone	$112.00
HM152	Standard microphone for low/mid range mobile radios	$50.00
HM152T	DTMF modular microphone for LM mobile radios	$102.00
SM26	Desktop microphone with monitor switch for mobile radios	$110.00

Accessories

Model	Description	MSRP
Mounting Hardware		
MOUNT 1	NMO Permanent Mount, 17ft RG58 cable, PL259 connector	$29.00
MOUNT 3	Black Magnetic Mount - 3 1/4" diameter, 12ft RG58 cable w/PL259 connector	$50.00
Software & Cables		
OPC2344	PC to mobile radio programming cloning cable with USB connector.	$115.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00

F5330D – F6330D Series

Black Box IDAS™ Mobile Radio

SPECS _____

Frequencies:	136-174, 400-512 MHz
Output Power:	50W (VHF); 45W (UHF)
Channels:	128 channels, 8 zones
Channel Spacing:	12.5kHz; 6.25kHz Digital
Mil Spec:	810 C, D, E, F, G
Scan:	Voting & priority
Weight (approx):	2.4 lbs.

FEATURES _____

General Features:

- 1700mwW output from CommandMic™
- Analog, IDAS dual mode
- CTCSS/2-Tone/5-Tone/MDC
- DTMF autodial memory
- Set an IP address for main unit and CommandMic
- Emergency call and Lone worker
- Remote monitor (RX)
- Radio kill, stun, and revive

Digital Features:

- NXDN™ conventional, mulit-site conventional, simulcast
- NXDN single-site trunking
- PTT ID and ANI
- Over-the-Air Alias (OAA)
- Short data messaging
- Individual, group, and all call
- Call alert
- Radio check (RX only)
- Digital voice scrambler

COMES WITH _____

CommandMic w/20.3 ft ethernet cable
Microphone hanger
DC power cable
Mounting bracket kit
Warranty: 2 years

Icom America Inc.

Configurations

Model	Description	MSRP
F5330D 16 USA	50W, 136-174MHz, black box IDAS mobile radio with 128 channels and CommandMic	$1,095.00
F6330D 16 USA	45W, 400-512MHz, black box IDAS mobile radio with 128 channels and CommandMic	$1,095.00

Accessories

Model	Description	MSRP
EXTWARR811	1 year extended warranty	$65.00
EXTWARR812	2 year extended warranty	$93.00
EXTWARR813	3 year extended warranty	$130.00
Antennas		
ANTENNA 1	118-940MHz 1/4 wave antenna, unity gain, field tunable	$20.00
ANTENNA 2	144-174MHz 3dB gain mountable antenna, CHR, 59" high	$55.00
ANTENNA 3	450-470MHz 5dB gain mountable antenna, CHR, 40" high	$62.00
ANTENNA 4	152-162MHz, unity gain antenna, NMO compatible, 21.6". Factory tuned to 157MHz	$22.00
Cables		
OPC1939	D-Sub 15-pin ACC cable. Connects with a PC, external speaker, external channel control, ignition sense line or vehicle horn	$102.00
OPC2078	D-Sub 25-pin ACC cable. Connects with a PC, external speaker, external channel control, ignition sense line or vehicle horn	$100.00
External Speakers		
SP30	20W large external speaker	$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Mounting Hardware		
MOUNT 1	NMO Permanent Mount, 17ft RG58 cable, PL259 connector	$29.00
MOUNT 3	Black Magnetic Mount - 3 1/4" diameter, 12ft RG58 cable w/PL259 connector	$50.00
Software & Cables		
OPC2363	10-pin DIM programming cable	$118.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00

F5220D - F6220D Series

IDAS Trunking Mobiles

SPECS _____

Frequencies:	136-174, 400-470
Output Power:	50W (VHF); 45W (UHF)
Channels:	128 with 8 zones
Channel Spacing:	15 / 12.5 / 6.25kHz
Mil Spec:	MIL 810
Scan:	Priority/Vote/Roaming
Weight:	2.4lb

FEATURES _____

General Features:
- Channel announcement
- CTCSS/DTCS encoder/decoder
- Microphone hanger action programmable
- Power-on password function
- Talk around function
- Voting scan
- Nuisance delete function
- Time-out-timer, lock-out penalty

Digital Features:
- IDAS™ conventional
- IDAS multi-site and single-site trunking and IDAS multi-site conventional
- Up to 500 individual and up to 500 group ID aliases (Each for single-site/multi-site/conventional)
- PTT ID and ANI
- Call alert
- Status
- SDM (Short Data Message)
- Radio check (RX)
- RAN (Radio Access Number)
- Remote monitor (RX)
- Emergency
- Digital voice scrambler

COMES WITH _____

Hand Microphone (HM-152)
Mounting bracket kit
DC Power cable (OPC-1132)
Owner's manual
Warranty: 2 years

Icom America Inc.

U.S. Land Mobile Retail: Product Catalog

3039.08.23

Configurations

Model	Description	MSRP
F5220D 16 USA	136-174MHz IDAS mobile	$709.00
F6220D 16 USA	400-470MHz IDAS mobile	$709.00

Accessories

Model	Description	MSRP
ENGRAVE	Engrave radio	$40.00
EXTWARR211	1 year extended warranty for a total 3 years	$25.00
EXTWARR212	2 year extended warranty for a total 4 years	$44.00
EXTWARR213	3 year extended warranty for a total 5 years	$62.00
Antennas		
ANTENNA 1	118-940MHz 1/4 wave antenna, unity gain, field tunable	$20.00
ANTENNA 2	144-174MHz 3dB gain mountable antenna, CHR, 59" high	$55.00
ANTENNA 3	450-470MHz 5dB gain mountable antenna, CHR, 40" high	$62.00
ANTENNA 4	152-162MHz, unity gain antenna, NMO compatible, 21.6". Factory tuned to 157MHz	$22.00
Cables		
OPC1132	DC power cable (9.8ft) with 2-pin T connector.	$48.00
OPC1939	D-Sub 15-pin ACC cable. Connects with a PC, external speaker, external channel control, ignition sense line or vehicle horn	$102.00
OPC2078	D-Sub 25-pin ACC cable. Connects with a PC, external speaker, external channel control, ignition sense line or vehicle horn	$100.00
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	$107.00
External Speakers		
SP30	20W large external speaker	$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Microphones		
HM148G	Self grounding microphone for mobile radios	$72.00
HM148T	DMTF mobile microphone	$112.00
HM152	Standard microphone for low/mid range mobile radios	$50.00
HM152T	DTMF modular microphone for LM mobile radios	$102.00

Accessories

Model	Description	MSRP
SM26	Desktop microphone with monitor switch for mobile radios	$110.00

Mounting Hardware

Model	Description	MSRP
F121 MMB	Mounting bracket F121/F221 F5011/F5021 series	$12.00
MOUNT 1	NMO Permanent Mount, 17ft RG58 cable, PL259 connector	$29.00
MOUNT 3	Black Magnetic Mount - 3 1/4" diameter, 12ft RG58 cable w/PL259 connector	$50.00

Power Supplies

Model	Description	MSRP
CONTROL STATION ASSEMBLE	Install mobile into power supply and cabinet to make control station	$20.00
IAPS04	110V power supply and cabinet for control station use for F5011/5021/F5121/F5220	$366.67

Software & Cables

Model	Description	MSRP
CSF3210D	Programming software for F3210D/4210D, F3230D/4230D & F5220D/6220D	$79.00
OPC2344	PC to mobile radio programming cloning cable with USB connector.	$115.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00

F5061D - F6061D Series (Limited Stock)

Analog, LTR, or IDAS™Digital Mobiles

SPECS _____

Frequencies:	136-174, 400-470, 450-512MHz
Output Power:	50W (VHF), 45W (UHF)
Channels:	512 channels, 128 zones
Channel Spacing:	12.5kHz, 6.25kHz (D versions)
LCD Display:	Dot matrix, switchable 1 line 12 character or 2 line 24 character
Programmable Keys:	7
Mil Spec:	810 C, D, E
Scan:	Normal, priority & dual priority

FEATURES _____

General Features
- Basic LTR, Analog, Digital mixed mode
- Detachable front panel (req. separation kit)
- D-Sub accessory connector
- 8 DTMF autodial memories & ANI functions
- Power ON password
- Radio stun/kill
- Surveillance function (temp. turns LEDs off)
- Busy repeater lock out function

Digital Features:

- IDAS™ conventional
- IDAS multi-site and single-site trunking and IDAS multi-site conventional
- Voting mode scanning
- NXDN® Digital Air Interface
- Short & long data messages
- 64 Radio Access Numbers (RAN)
- Individual & group selective call
- Strongest site search
- Firmware upgrade over IP
- Configuration over IP

SIGNALING _____

CTCSS/DCS encode/decode
2/5 Tone
DTMF
ANI with 2/5 tone & DTMF
MDC1200

ENCRYPTION _____

Simple Inversion: UT-109R 32 Codes
Rolling Code: UT-110R 1020 Codes

COMES WITH _____

Microphone (HM-148G)
Mounting bracket
Power cable (OPC-1132)
Owner's manual
Warranty: 3 years

MULTITRUNK   IDAS   Meets MIL-STD 810   MDC 1200 Compatible

Configurations

Model	Description	MSRP
F5061D	136-174MHz IDAS mobile	$856.00
F5061D RR	136-174MHz IDAS radio, RR firmware installed, HM-148T included	$919.00

Accessories

Model	Description	MSRP
ENGRAVE	Engrave radio	$40.00
EXTWARR611	1 year extended warranty	$40.00
EXTWARR612	2 year extended warranty	$70.00
EXTWARR613	3 year extended warranty	$110.00
RR FIRMWARE UPGRADE	Add 3.1 RR firmware to your IDAS radio	$16.66
Antennas		
ANTENNA 1	118-940MHz 1/4 wave antenna, unity gain, field tunable	$20.00
ANTENNA 2	144-174MHz 3dB gain mountable antenna, CHR, 59" high	$55.00
ANTENNA 3	450-470MHz 5dB gain mountable antenna, CHR, 40" high	$62.00
ANTENNA 4	152-162MHz, unity gain antenna, NMO compatible, 21.6". Factory tuned to 157MHz	$22.00
Cables		
F5061 IGN SENSE CABLE	96" cable with 3A fuse	$16.00
OPC1132	DC power cable (9.8ft) with 2-pin T connector.	$48.00
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	$107.00
Encryption & Internal Modules		
INSTALL-MF	Install a component into an LM mobile or portable	$40.00
UT126H 03	6.25kHz digital module for old PLL versions of the F3161/4161 or F5061/6061 radios	$263.00
External Speakers		
SP30	20W large external speaker	$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Microphones		
HM148G	Self grounding microphone for mobile radios	$72.00

Accessories

Model	Description	MSRP
HM148T	DMTF mobile microphone	$112.00
HM152	Standard microphone for low/mid range mobile radios	$50.00
HM152T	DTMF modular microphone for LM mobile radios	$102.00
SM26	Desktop microphone with monitor switch for mobile radios	$110.00

Mounting Hardware

Model	Description	MSRP
F5061 MMB	Mounting bracket included with the F5061/F6061	$11.00
MOUNT 1	NMO Permanent Mount, 17ft RG58 cable, PL259 connector	$29.00
MOUNT 3	Black Magnetic Mount - 3 1/4" diameter, 12ft RG58 cable w/PL259 connector	$50.00

Power Supplies

Model	Description	MSRP
CONTROL STATION ASSEMBLE	Install mobile into power supply and cabinet to make control station	$20.00
IAPS09	110V power supply and cabinet for control station use for F5061/6061	$300.00

Remote Mounting

Model	Description	MSRP
OPC607	3m/9.8ft separation cable for remote mounting kits	$61.00
OPC609	1.9m/6.2ft separation cable for remote mounting kits	$59.00
OPC726	5m/16.4ft separation cable for remote mounting kits	$69.00
RMK3 01	F5061/6061 bracket & face plate for remote mounting. Separation cable not included	$118.00

Software & Cables

Model	Description	MSRP
CSF3161/F5061	Software to program the F3161/4161 & F5061/6061 radios	$79.00
OPC1871	Radio to radio cloning cable between 14-pin connector portable & mobile radio; used in conjunction with the OPC1534 for encryption key loading on the F7010 portable series	$118.00
OPC2344	PC to mobile radio programming cloning cable with USB connector.	$115.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00

F5400D – F6400D Series

VHF UHF Digital Mobile Transceiver

SPECS _____

Frequencies:	136-174, 380-470, 450-512MHz
Output Power:	50W (VHF), 45W (UHF)
Channels:	1024 channels w/128 zones
Channel Spacing:	12.5kHz, 6.25kHz
LCD Display:	High-resolution color with icons and characters
Programmable Keys:	7 (D); 5 (DS)
Mil Spec:	C, D, E, F, G
Weight:	3.3lb
Waterproof Rating:	IP55
Versions:	With full display
	With numeric number only

FEATURES _____

General Features
- Basic LTR® / Conventional / IDAS
- GPS built-in
- Bluetooth™ built-in
- Intuitive user interface
- High-resolution color LCD
- Digital voice recorder – record up to 500 hours with 32GB microSD card
- Safety features: emergency button, lone woker function, and power OFF emergency function
- AquaQuake™
- Audio equalizer*
- D-Sub 25-pin ACC connector
- 20W audio amplifier for connecting with external public address system

Digital Features:
- IDAS™ conventional
- IDAS single-site and multi-site Type D trunking (optional upgrade)
- IDAS single-site and multi-site Type C trunking (optional upgrade)*
- Voting mode scanning
- NXDN® Digital Air Interface
- AMBE+2™ VOCODER
- Individual & group selective call

COMES WITH _____

Hand microphone (HM-220)
Mounting bracket kit
DC power cable
Microphone hanger
Owner's manual
Warranty: 3 years

ANALOG SIGNALING _____

2-tone, 5-tone, CTCSS and DTCS built-in
DTMF autodial and DTMF decode
MDC1200 compatible

ENCRYPTION _____

AES/DES UT-134
Over-the-Air Rekeying (requires license)*

*Future Availability

MULTiTRUNK   IDAS ICOM DIGITAL ADVANCED SYSTEM   Meets MIL-STD 810   MDC 1200 Compatible

Configurations

Model	Description	MSRP
F5400D 31 USA	136-174MHz IDAS mobile with color display	$1,029.00
F6400DS 11	380-470MHz IDAS mobile with numeric display	$987.00
F6400D 56 USA	380-470MHz IDAS mobile with color display, no Bluetooth	$1,029.00
F6400D 71 USA	450-512MHz IDAS mobile with color display	$1,029.00

Accessories

Model	Description	MSRP
ENGRAVE	Engrave radio	$40.00
EXTWARR811	1 year extended warranty	$65.00
EXTWARR812	2 year extended warranty	$93.00
EXTWARR813	3 year extended warranty	$130.00
ISL-UGMTR	Type D trunking license for single and multi-site trunking	$125.00
Antennas		
UX241	GPS antenna	$59.00
Cables		
IAJB1001	Extension cable junction box for RMK5 or RMK7 that allows installer to connect 2 OPC2367s together for 52ft of cable	$84.00
IAOPC054	Cable to wire the F5400/F6400 to an external speaker	$50.00
IAOPC1003	USB to micro-USB 3ft cable	$13.00
Encryption & Internal Modules		
CSKLD2	Encryption key loader software for F3400/F5400 series	$630.00
ISL-AKAES	AES activation code for F3400/F5400 series	$360.00
UT134	AES/DES encryption board; requires ISL code to activate AES	$197.00
External Speakers		
SP30	20W large external speaker	$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Microphones		
HM220	Heavy duty microphone (IP54) for the F5400 series	$107.00

Icom America Inc.

Accessories

Model	Description	MSRP
HM220T	Heavy duty microphone with DTMF keypad (IP54) for the F5400 series	$171.00
SM29	Desktop microphone for F5400 series	$188.00

Miscellaneous

Model	Description	MSRP
ISL-AK25K	Add 25kHz into the radio	$13.00
ISL-AKSTM	Add front panel programming/tactical group functions	$195.00
ISL-CHEX	Memory channel expansion (4000 CH)	$420.00
MSD CARD	32GB micro SD card	$32.00

Power Supplies

Model	Description	MSRP
CONTROL STATION ASSEMBLE	Install mobile into power supply and cabinet to make control station	$20.00
IAPS12	Power supply with cover for control station (120VAC; 20A)	$366.67

Remote Mounting

Model	Description	MSRP
HM218	Secondary remote control microphone, COMMANDMIC, for the F5400D/F6400D. Requires RMK5 + OPC2373 or OPC2374.	$525.00
OPC2364	1.9m/6.2ft separation cable for RMK5/RMK7	$64.00
OPC2365	3m/9.8ft separation cable for RMK5/RMK7	$67.00
OPC2366	5m/16.4ft separation cable for RMK5/RMK7	$72.00
OPC2367	8m/26.2ft separation cable for RMK5/RMK7	$87.00
OPC2373	1.9m/6.2ft separation cable for HM218	$66.00
OPC2374	8m/26.2ft separation cable for HM218	$102.00
RMK5	Bracket & face plate for remote mounting for the F5400D/F6400D. Separation cable not included.	$231.00
RMK7	Dual head and separation kit for the F5400D/F6400D. Separation cables & microphone not included.	$693.00

Software & Cables

Model	Description	MSRP
CSF3400D	Programming software for the F3400D/F5400D series	$84.00
CSOTPM1	Over-the-air programming (OTAP) manager software	$546.00
OPC2362	Handheld to mobile zone copy cable (14-pin to 10-pin DIM)	$105.00
OPC2363	10-pin DIM programming cable	$118.00

Accessories

Model	Description	MSRP
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00

F9511 - F9521 Series (Discontinued – Limited Stock)

P25 Trunking Mobiles

SPECS _____

Frequencies:	136-174, 400-470, 450-520MHz
Output Power:	50W or 110W (VHF), 50W (UHF)
Channels:	512 / 128 zones
Channel Spacing:	15/30 (analog), 12.5kHz (digital)
PLL Channel Spacing:	2.5, 3.125kHz
LCD Display:	Dot matrix with backlighting and 2 lines of 12 characters each
Programmable Keys:	5 (S) or 7 (T)
Mil Spec:	810 C, D, E
Scan:	Normal, priority & dual priority
Waterproof Rating:	IP54 dust-protection and splash proof (controller only)
Versions:	50W without a DTMF keypad 50W with DTMF keypad 110W with DTMF keypad

FEATURES _____

General Features:

- 100 individual ID and 250 talkgroup ID memories
- Detachable front panel
- Programmable ACC port for external control, dimmer and horn control
- Dual head capable with 110W version
- Tactical group function
- 22W PA function with BTL amplifier
- RX speaker functions
- Scan settings – dual priority, mode dependent, talk back and more
- Built-in audio compander (analog only)
- Radio stun/kill function (P25 digital only)

P25 Digital Features:

- P25 digital conventional
- P25 digital trunking option
- DVSI's AMBE+2™ vocoder
- Digital/analog mixed mode operation
- P25 OTAR option

Compliant Standards:

- TIA/EIA TSB 102. CAAB compliant
- NTIA VHF specification compliant
- FIPS 140-2 (level 1) certified AES encryption

COMES WITH _____

Microphone (HM-148G)
Mounting bracket
Power cable
Owner's manual
Warranty: 3 years

F9511T includes the SP-35
F9511HT includes the OPC-726, but requires an external speaker

ENCRYPTION _____

DES: UT-128
AES/DES: UT-125
AES FIPS: UT-125 FIPS

SIGNALING _____

CTCSS/DTCS encorder & decoder (analog only)
2 Tone endocder & decoder (analog only)
MDC1200 (analog only)
DTMF audiodial (analog only)

Configurations

Model	Description	MSRP
F9511HT 21	136-174MHz 110W P25 Conventional mobile with full keypad. No external speaker included - must be ordered separately	$2,835.00
F9521S 41	400-470MHz 45W P25 Conventional mobile, no keypad	$1,775.00
F9521T 25	400-470MHz mobile with full keypad	$1,806.00
F9521T 45	400-470MHz P25 Conventional 45W mobile, full keypad	$1,901.00

Accessories

Model	Description	MSRP
ENGRAVE	Engrave radio	$40.00
EXTWARR811	1 year extended warranty	$65.00
EXTWARR812	2 year extended warranty	$93.00
EXTWARR813	3 year extended warranty	$130.00
ISL-3	P25 trunking upgrade for the F9011/9511 series radios	$500.00
Antennas		
ANTENNA 1	118-940MHz 1/4 wave antenna, unity gain, field tunable	$20.00
ANTENNA 2	144-174MHz 3dB gain mountable antenna, CHR, 59" high	$55.00
ANTENNA 3	450-470MHz 5dB gain mountable antenna, CHR, 40" high	$62.00
ANTENNA 4	152-162MHz, unity gain antenna, NMO compatible, 21.6". Factory tuned to 157MHz	$22.00
Cables		
OPC1132	DC power cable (9.8ft) with 2-pin T connector.	$48.00
OPC1962	DC power cord for F9511HT	$63.00
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	$107.00
Encryption & Internal Modules		
INSTALL-MF	Install a component into an LM mobile or portable	$40.00
OPC-IAKVL1	Interface Cable with RJ45 Connector between P25 mobiles & KA KVL125	$158.00
UT125 01	AES/DES encryption board with OTAR compliance for F9011/F9511 series	$730.00
UT125 FIPS	FIPS 140-2 AES encryption board with OTAR compliance for F9011/F9511 series	$828.00
UT128	DES encryption for F9011/F9511 radios	$441.00

Accessories

Model	Description	MSRP
External Speakers		
SP30	20W large external speaker	$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Microphones		
HM148G	Self grounding microphone for mobile radios	$72.00
HM148T	DMTF mobile microphone	$112.00
SM26	Desktop microphone with monitor switch for mobile radios	$110.00
Mounting Hardware		
MOUNT 1	NMO Permanent Mount, 17ft RG58 cable, PL259 connector	$29.00
MOUNT 3	Black Magnetic Mount - 3 1/4" diameter, 12ft RG58 cable w/PL259 connector	$50.00
Power Supplies		
CONTROL STATION ASSEMBLE	Install mobile into power supply and cabinet to make control station	$20.00
ICT CS120-30A/IC08	110V power supply and cabinet for control station use for F9511HT	$700.00
Remote Mounting		
IA-DH1095	Remote mounting kit for the F9511/F9521 dual head kit. Dual head, external speaker, speaker microphone, and separation cables are required.	$1,066.00
OPC607	3m/9.8ft separation cable for remote mounting kits	$61.00
OPC609	1.9m/6.2ft separation cable for remote mounting kits	$59.00
OPC726	5m/16.4ft separation cable for remote mounting kits	$69.00
RMK2	F1721/1821 bracket & face plate for remote mounting. Separation cable not included	$152.00
RMK4 01	Dual head and separation kit for F9511HT. Requires external speaker and cable.	$903.00
Software & Cables		
CSF9010/F9510	F9011/9511 programming software	$79.00
CSRMK4	Programming software for the RMK4	$84.00
OPC1534	Key Loader cable for P25 radio to KVL3000/4000. For portables: requires OPC-1871, RJ45 female to RJ45 female & 8920001690. For mobiles: requires RJ45 female to RJ45 female & 8920001690.	$242.00

Accessories

Model	Description	MSRP
OPC1871	Radio to radio cloning cable between 14-pin connector portable & mobile radio; used in conjunction with the OPC1534 for encryption key loading on the F7010 portable series	$118.00
OPC2344	PC to mobile radio programming cloning cable with USB connector.	$115.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00

F7510 – F7520 – F7540 Series

P25 Conventional & Analog Mobiles

SPECS _____

Frequencies:	136-174, 380-470, 450-512MHz
Output Power:	50W (VHF); 45W (UHF)
Channels:	1024 w/128 zones
Display:	High resolution color LCD
Programmable Keys:	7
Mil Spec:	C, D, E, F & G
Waterproof Rating:	IP55
Weight:	3.3lb

FEATURES _____

General Features:
- GPS built-in
- Bluetooth™ built-in
- Intuitive user interface
- Digital voice recorder – record up to 500 hours with 32GB microSD card
- Safety features: emergency key, lone worker function, and power OFF emergency
- Day and night mode display settings
- D-Sub 25-pin ACC connector

P25 Digital Features:
- P25 conventional
- P25 Phase 1 trunking option
- P25 Phase 2 trunking option
- P25 vote scan option
- Analog/digital mixed operation
- Individual, group call
- Unit ID and talkgroup display on receive
- Status call and polling
- Short data message (up to 100 characters)
- Page call
- Phone number list
- Call log

COMES WITH _____

Hand microphone (HM-220)
Mounting bracket kit
DC power cable
Microphone anger
Owner's manual
Warranty: 3 years

ENCRYPTION _____

AES/DES: UT-134 + license key
FIPS AES: UT-125 FIPS-2 + license key

SIGNALING _____

2-tone, CTCSS, DTCS tone
MDC functions
DTMF autodial

Configurations

Model	Description	MSRP
F7510 13 USA	136-174MHz P25 conventional mobile with color display	$1,806.00
F7520 11	380-470MHz P25 conventional mobile with color display	$1,806.00
F7520 23 USA	450-512MHz P25 conventional mobile with color display	$1,806.00
F7540	700/800MHz P25 conventional mobile with color display	$1,806.00

Accessories

Model	Description	MSRP
ENGRAVE	Engrave radio	$40.00
EXTWARR811	1 year extended warranty	$65.00
EXTWARR812	2 year extended warranty	$93.00
EXTWARR813	3 year extended warranty	$130.00
ISL-P25DS	P25 packet data service (GPS/text) license	$175.00
ISL-P25FP	Front panel programming	$330.00
ISL-P25P2	P25 Phase 2 trunking license (Phase 1 license required)	$420.00
ISL-P25TR	P25 Phase 1 trunking license	$500.00
ISL-P25VS	P25 conventional voting scan license	$120.00
ISL-P25W	Enable 25kHz in the F7010/F7510 radios	$5.00
Antennas		
UX241	GPS antenna	$59.00
Cables		
IAOPC1003	USB to micro-USB 3ft cable	$13.00
OPC1132	DC power cable (9.8ft) with 2-pin T connector.	$48.00
Encryption & Internal Modules		
IAOPC1075	F7500 mobile adapter cable to use with Motorola KVL3000/4000/5000 keyloaders. Requires the OPC1534 cable and a RJ45 female-to-female adapter.	$158.00
IAOPC1076	F7500 mobile adapter cable to use with the KVL125 keyloader. Requires the OPC-IAKVL1 cable and a RJ45 female-to-female adapter.	$210.00
INSTALL-MF	Install a component into an LM mobile or portable	$40.00
ISL-P25AES	AES activation key enables AES in radio (requires UT134 or UT125 FIPS-2)	$360.00

Accessories

Model	Description	MSRP
UT125 FIPS-2	FIPS 140-2 encryption board; requires ISL-P25AES license key to activate AES	$872.00
UT134	AES/DES encryption board; requires ISL code to activate AES	$197.00

External Speakers

Model	Description	MSRP
SP30	20W large external speaker	$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00

Headsets

Model	Description	MSRP
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	$184.00

Microphones

Model	Description	MSRP
HM220	Heavy duty microphone (IP54) for the F5400 series	$107.00
HM220T	Heavy duty microphone with DTMF keypad (IP54) for the F5400 series	$171.00
SM29	Desktop microphone for F5400 series	$188.00

Power Supplies

Model	Description	MSRP
CONTROL STATION ASSEMBLE	Install mobile into power supply and cabinet to make control station	$20.00
IAPS12	Power supply with cover for control station (120VAC; 20A)	$366.67

Remote Mounting

Model	Description	MSRP
HM218	Secondary remote control microphone, COMMANDMIC, for the F5400D/F6400D. Requires RMK5 + OPC2373 or OPC2374.	$525.00
OPC2364	1.9m/6.2ft separation cable for RMK5/RMK7	$64.00
OPC2365	3m/9.8ft separation cable for RMK5/RMK7	$67.00
OPC2366	5m/16.4ft separation cable for RMK5/RMK7	$72.00
OPC2367	8m/26.2ft separation cable for RMK5/RMK7	$87.00
OPC2373	1.9m/6.2ft separation cable for HM218	$66.00
OPC2374	8m/26.2ft separation cable for HM218	$102.00
RMK5	Bracket & face plate for remote mounting for the F5400D/F6400D. Separation cable not included.	$231.00
RMK7	Dual head and separation kit for the F5400D/F6400D. Separation cables & microphone not included.	$693.00

Accessories

Model	Description	MSRP
Software & Cables		
CSF7510	Programming software for the F7010 & F7510 P25 radios	$105.00
CSOTPM2	P25 over-the-air programming (OTAP) manager software; support only conventional mode	$840.00
IASKF7P	System Owner Master Key (SOMK); USB Dongle and CS-F7500ASK "P25 Advanced System Key (ASK) Manager Application" Note: Available only to P25 trunking system owners and requires the completion of the "P25 System Key Request Form" by the P25 Trunking System Owner	$525.00
IASKF7S	Accessory Advanced System Key (AASK) USB dongle required for programming P25 trunking parameters. Note: shipped unprogrammed; requires P25 trunking system owner to program	$236.00
OPC1534	Key Loader cable for P25 radio to KVL3000/4000. For portables: requires OPC-1871, RJ45 female to RJ45 female & 8920001690. For mobiles: requires RJ45 female to RJ45 female & 8920001690.	$242.00
OPC2362	Handheld to mobile zone copy cable (14-pin to 10-pin DIM)	$105.00
OPC2363	10-pin DIM programming cable	$118.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00

Data & HF Radio

F5122DD – F6122DD Series (Discontinued – Limited Stock)

VHF and UHF Data Transceivers

SPECS _____

Frequencies:	136-174, 400-470MHz
Output Power:	25W, 10W, 2.5W (Hi, L2, L1)
Channels:	128
Channel Spacing:	12.5 / 6.25kHz
Mil Spec:	810 C, D, E & F
Weight (approx):	2.0lb

FEATURES _____

General Features:

- 9600bps (at 12.5kHz) and 4800bps (at 6.25kHz) data mode programmable
- RS-232 and RS-232 + Ethernet versions
- Fast data transfer using 4-level FSK modulation suitable for real-time data monitoring
- BNC antenna connector
- Individual, group and all calls
- Data encryption function (500 codes)

COMES WITH _____

DC power cable
Mounting bracket kit
Warranty: 2 years

Configurations

Model	Description	MSRP
F5122DD 12	136-174MHz, 9.6k/4.8kbps, 25W, RS232 + ethernet	$840.00

Accessories

Model	Description	MSRP
EXTWARR211	1 year extended warranty for a total 3 years	$25.00
EXTWARR212	2 year extended warranty for a total 4 years	$44.00
EXTWARR213	3 year extended warranty for a total 5 years	$62.00
Cables		
OPC1132	DC power cable (9.8ft) with 2-pin T connector.	$48.00
Software & Cables		
OPC2218LU	Cloning/data cable with USB connector for ID51A/ID31A/5100A/7100	$81.00

F8101
HF Transceiver

SPECS _____

Frequencies:	Receive 0.5-29.9999MHz
	Transmit 1.6-29.9999MHz
Number of Channels:	500 channels
Type of Emission:	J3E, A3E, A1A, F1B, J2B
Output Power:	125W
Mil Spec:	MIL 810 C, D, E, F, G
Dimensions:	6.85x2.44x10.2 in (Controller attached)
Weight:	8.6lb (Controller attached type)

FEATURES _____

ALE (Automatic Link Establishment)
Selective calling
Compact and durable
BITE (Built-in Test Equipment) function
User friendly operation
Clear talk function
Mute functions
Digital Signal Processor (DSP)
GPS receiver connection
Data communications
USB Port for PC connection

COMES WITH _____

RF unit with controller head
Microphone (HM-193)
Microphone hanger kit
External speaker (SP-35L)
DC power cable
Spare fuses
Owner's manual
Warranty: 2 years

Configurations

Model	Description	MSRP
F8101 33	HF 125W transceiver with ALE (automatic link establishment)	$4,022.00

Accessories

Model	Description	MSRP
EXTWARR912	1 year extended warranty	$125.00
EXTWARR913	2 year extended warranty	$160.00
EXTWARR914	3 year extended warranty	$245.00
Antenna Tuners		
AT140	HF automatic antenna tuner	$767.00
MN100L	Antenna matcher. Matches the transceiver to a long wire antenna. Covers all HF bands from 1.5 to 30mhz. One 15m antenna comes standard.	$483.00
Antennas		
AH740	Relay-driven compact automatic tuning antenna 2.5MHz-29.999MHz	$2,468.00
Cables		
OPC2308	GPS/External modem connection cable	$184.00
OPC2309	Antenna tuner control cable for AT140/AH740 for F8101 (10M or 32.8ft)	$184.00
External Speakers		
SP30	20W large external speaker	$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
GPS		
UX248	GPS unit	$341.00
Microphones		
HM192	Remote control microphone for F8101 (requires separation cable)	$672.00
HM193	Hand microphone for the F8101	$89.00
Miscellaneous		
CFUF8100	Cooling fan unit	$473.00

Accessories

Model	Description	MSRP
Mounting Hardware		
MB126	Mounting bracket for F8101	$315.00
Remote Mounting		
OPC607	3m/9.8ft separation cable for remote mounting kits	$61.00
OPC609	1.9m/6.2ft separation cable for remote mounting kits	$59.00
OPC726	5m/16.4ft separation cable for remote mounting kits	$69.00
RMK6	Remote mount kit for the F8101. Separation cable sold separately.	$383.00
Software & Cables		
CSF8101	Programming software. Use a generic USB "A" to "B" cable to program radio.	$84.00
OPC2204	F8101 Cloning cable	$210.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00

Icom America Systems

X-BAND REPEATER

Cross Band VHF & UHF

SPECS _____

Frequencies:	136-174, 400-470MHz or AV frequencies
Output Power:	50W (VHF), 45W (UHF)
Channels:	128 channels, 8 zones
Channel Spacing:	12.5kHz
PLL Channel Spacing:	2.5, 3.125kHz
Display:	LCD with 8 character alphanumeric

FEATURES _____

Full UHF & VHF analog interoperability
Configured to auto switch from AC to DC
Local controlled operation, can be used as a dual base unit
Programmable actions when a matched tone is received:
- Bell icon indication ON / OFF / Blink
- Answer back calls
- Beep sounds
- Scan Start / Stop
- Auto transmission
- Stun / Kill functions (prevents use of a lost or stolen)

10 scanning lists and Normal / Priority scan
Power ON password

SIGNALING_____

CTCSS/DTCS decode
2/5 Tone
MDC1200

WARRANTY _____

Radios: 2 years
Parts: 1 year

Configurations

Model	Description	MSRP
IAS X-BAND 50	VHF FM & UHF FM cross band repeater	$2,835.00
IAS X-BAND 50 AIR U	Airband AM & UHF FM cross band repeater	$3,670.00
IAS X-BAND 50 AIR V	Airband AM & VHF FM cross band repeater	$3,670.00
IAS X-BAND 50 UU	UHF FM & UHF FM cross band repeater	$2,835.00
IAS X-BAND 50 VV	VHF FM & VHF FM cross band repeater	$2,835.00

Accessories

Model	Description	MSRP
EXTWARRPT1	1 year extended warranty for a total 3 years	$180.00
EXTWARRPT2	2 year extended warranty for a total 4 years	$325.00
EXTWARRPT3	3 year extended warranty for a total 5 years	$465.00
Cabinets		
IASMNT1030	30" (17RU) locking indoor cabinet	$2,050.00
IASMNT1046	46" (26RU) locking indoor cabinet	$2,394.00
IASMNT1060	60" (34RU) locking indoor cabinet	$3,350.00
Microphones		
HM152	Standard microphone for low/mid range mobile radios	$50.00
HM152T	DTMF modular microphone for LM mobile radios	$102.00
HM216	Standard microphone for A120	$50.00
HM217	Microphone with built-in speaker and front panel includes up/down buttons and two programmable buttons (P1/P2)	$110.00
SM26	Desktop microphone with monitor switch for mobile radios	$110.00
Racks		
IASMNT1028	28x19, 16U desktop 2-post rack; 350lb weight capacity	$415.00
IASMNT1042	42x19 welded steel 2-post rack; 24U, 1,500lb weight capacity	$788.00
IASMNT1070	70x19 welded steel 2-post rack; 40U, 1,500lb weight capacity	$1,500.00
Software & Cables		
CSF3021/F5021/F5011	F3021/5021/5011 series programming software	$79.00

Accessories

Model	Description	MSRP
PROG-IAS	Icom to program repeaters with provided icf file or add in basic frequencies	$75.00

CY5300 – CY6300 Repeaters

All In One IDAS™ Digital & Analog Repeater

SPECS _____

Frequencies:	136-174, 400-470, 450-512MHz
Output Power:	50W at 50% duty cycle
	25W at 100% duty cycle
Channels:	32
Channel Spacing:	6.25 (digital) / 12.5kHz
Optional Configurations:	Repeater only
	Repeater With Duplexer
	Repeater With Pre-Selector
	Repeater With Duplexer & Pre-Selector

SPECS & FEATURES _____

Built-in power supply: 13.8V in or 110V AC in or 220V AC in
Battery backup function with user supplied battery
3 RU tall - built-in rack handles 19" standard rack or cabinet mounting
Powder-coated steel chassis
N style bulkhead RF connectors for antennas
Built-in grounding stud
Heavy duty -temperature controlled 80 CFM cooling fan
DB-25 rear connector interface for external equipment
DC terminal strip for easy BBU connection
3 ethernet connections for networking gear or trunking bus connections

Digital Features _____

- IDAS Simulcast (UC-FR5300 & CF-FR5300SC)
- IDAS Trunking-single or multisite (UC-FR5300 board & CF-FR5000 02)
- Receives analog and digital signals on a single channel
- NXDN® Digital Air Interface
- Strongest site search
- Firmware upgrade over IP
- Configuration over IP

SIGNALING_____

Digital RAN Code decode
5-tone & DTMF Encode/Decode (analog)
CTCSS

MULTITRUNK IDAS

Configurations

Model	Description	MSRP
CY5300	136-174MHz VHF 50W, IDAS repeater, analog and digital with internal power supply. Optional single-site trunking, multi-site trunking, and simulcast conventional.	$2,903.00
CY6302	450-512MHz UHF 50W, IDAS repeater, analog and digital with internal power supply. Optional single-site trunking, multi-site trunking, and simulcast conventional.	$2,903.00
CY6301	400-470MHz UHF 50W, IDAS repeater, analog and digital with internal power supply. Optional single-site trunking, multi-site trunking, and simulcast conventional.	$2,903.00

Accessories

Model	Description	MSRP
INSTALL-IAS	Install a component into a repeater or an item into a cabinet	$75.00
Antennas		
UX241	GPS antenna	$59.00
Cabinets		
IASMNT1030	30" (17RU) locking indoor cabinet	$2,050.00
IASMNT1046	46" (26RU) locking indoor cabinet	$2,394.00
IASMNT1060	60" (34RU) locking indoor cabinet	$3,350.00
Duplexers		
IASDUP1001	136-148 6 cavity 50W internal duplexer, 3MHz TX-RX separation	$525.00
IASDUP1002	148-160 6 cavity 50W internal duplexer, 3MHz TX-RX separation	$551.00
IASDUP1003	160-174 6 cavity 50W internal duplexer, 3MHz TX-RX separation	$551.00
IASDUP1004	136-148 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$551.00
IASDUP1005	148-160 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$750.00
IASDUP1006	160-174 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$551.00
IASDUP1007	136-148 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$525.00
IASDUP1008	148-160 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$551.00
IASDUP1009	160-174 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$551.00
IASDUP1010	144-190MHz 6 cavity 100W duplexer with 3MHz minimum TX-RX separation	$2,132.00
IASDUP1015	152-175MHz 50W internal duplexer (6-15MHz minimum separation)	$536.00
IASDUP1036	400-440 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$551.00
IASDUP1037	440-470 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$792.00

Accessories

Model	Description	MSRP
IASDUP1038	470-490 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$551.00
IASDUP1039	490-512 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$551.00
IASDUP1040	400-440 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$551.00
IASDUP1041	440-470 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$551.00
IASDUP1042	470-490 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$525.00
IASDUP1043	490-512 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$525.00
IASDUP50CY	CY5000/6000 internal duplexer assembly kit including RF jumpers and screws	$30.00

IP Linking

Model	Description	MSRP
CFFR5000 02	Multi-site (conventional only) IP repeater link card (requires UC-FR5000 or UCFR5300 board)	$140.00
CFFR5000MT	Multi-site (conventional & trunking) IP repeater link card (requires UC-FR5000 or UCFR5300 board)	$1,045.00
CFFR5300SC	Simulcast IP repeater link card (requires UC-FR5300)	$1,628.00

Microphones

Model	Description	MSRP
HM152	Standard microphone for low/mid range mobile radios	$50.00
HM152T	DTMF modular microphone for LM mobile radios	$102.00
SM26	Desktop microphone with monitor switch for mobile radios	$110.00

Power Amplifiers

Model	Description	MSRP
IASPA500	136-174MHz 100W out, 2-5W in, 4RU power amplifier; 19" rack mountable	$2,515.00
IASPA540	403-512MHz 100W out, 2-5W in, 4RU power amplifier 19" rack-mountable	$2,915.00
IASPA550	450-512MHz 100W out, 2-5W in, 4RU power amplifier 19" rack-mountable	$2,915.00

Power Equipment & Rack Mounting

Model	Description	MSRP
IASDP1001	DC distribution panel 12/24VDC with remote power control and SNMP. It can manage up to 12 loads.	$1,950.00
IASMNT1102	19" 2RU rack mount tray for 20A power supply; holds up to 2 units (power supplies not screwed into tray)	$184.00
IASMNT1105	Battery charger rackmount kit holds 1 to 2 chargers	$173.00
IASPS1022	12v/30A power supply/battery charger - 1RU rack mountable with IASMNT1105	$872.00
IASPS1220	20A power supply 13.8VDC; requires tray for use in rack (IASMNT1102)	$210.00

Accessories

Model	Description	MSRP
Pre-Selectors		
IASPR1001	136-150MHz 4 cavity pre-selector (assembly kit required with FR5000)	$735.00
IASPR1002	150-174MHz 4 cavity pre-selector (assembly kit required with FR5000)	$735.00
IASPR1010	400-440MHz 4 cavity pre-selector (assembly kit required with FR6000)	$735.00
IASPR1011	440-520MHz 4 cavity pre-selector (assembly kit required with FR6000)	$735.00
Racks		
IASMNT1028	28x19, 16U desktop 2-post rack; 350lb weight capacity	$415.00
IASMNT1042	42x19 welded steel 2-post rack; 24U, 1,500lb weight capacity	$788.00
IASMNT1070	70x19 welded steel 2-post rack; 40U, 1,500lb weight capacity	$1,500.00
Remote Communication		
CT23 01	PTT microphone adapter to use SM-26 or HM-152 with a PC. Requires BC-147S.	$128.00
CT24	Digital voice converter (supplied with RCFS10 and works with VEPG3)	$1,260.00
RCFS10	Remote Communicator software + CT-24 (digital voice converter unit - each IDAS system requires 1 CT-24)	$1,911.00
Repeaters		
URFR5300 61 USA	136-174MHz analog/digital IDAS repeater channel module	$1,486.00
URFR6300 75 USA	450-512MHz Repeater module	$1,486.00
URFR6300 81 USA	400-470MHz Repeater module	$1,486.00
Software & Cables		
IASTUN1001	Icom to tune your system products	$75.00
PROG-IAS	Icom to program repeaters with provided icf file or add in basic frequencies	$75.00
RSMGR1	Remote system manager software for IDAS MultiTrunk	$5,245.00
Trunking/Network Controller		
UCFR5300	Trunking/Network controller board (1 per repeater)	$578.00

FR5300 - FR6300 Series
IDAS Repeaters

SPECS _____

Frequencies:	136-174, 400-470, 450-512MHz
Output Power:	50W at 50% duty cycle
	25W at 100% duty cycle
Channels:	32
Channel Spacing:	6.25 (digital) / 12.5kHz
LCD Display:	16-digit dot matrix
Programmable buttons:	5
Mil Spec:	810G, C, D, E, F
Scan:	Normal & priority
Size:	19-inch rack mount, 2U height
Weight:	12.7 lb (approx)

FEATURES _____

CW ID included
Automatic battery backup
DB-25 accessory connector
Internal space for duplexer & pre-selector
Fits 2 RF modules into unit
PTT priority setting
Low voltage alert
New CPU/FPGA Platform
RC-FS10 and VEPG4 Compatible

Digital Features:
- IDAS Simulcast (UC-FR5300 & CF-FR5300SC)
- IDAS Trunking-single or multisite (UC-FR5300 board & CF-FR5000)
- Receives analog and digital signals on a single channel
- NXDN® Digital Air Interface
- Strongest site search
- Firmware upgrade over IP
- Configuration over IP
- ±0.1 ppm high frequency stability with 1 pps signal

SIGNALING_____

Digital RAN Code decode
5-tone & DTMF Encode/Decode (analog)
CTCSS, DTCS tone

WARRANTY _____

2-Year

Internal and external duplexers and pre-selectors available for the FR5300/FR6300

Configurations

Model	Description	MSRP
FR5300 21 USA	136-174 MHz analog/digital, 50W, IDAS Simulcast repeater	$2,273.00
FR6300 35 USA	450-512MHz analog/digital, 50W, IDAS repeater	$2,273.00
FR6300 41 USA	400-470MHz analog/digital, 50W, IDAS repeater	$2,273.00

Accessories

Model	Description	MSRP
EXTWARRPT1	1 year extended warranty for a total 3 years	$180.00
EXTWARRPT2	2 year extended warranty for a total 4 years	$325.00
EXTWARRPT3	3 year extended warranty for a total 5 years	$465.00
INSTALL-IAS	Install a component into a repeater or an item into a cabinet	$75.00
Antenna Switches		
IASANTSW1	Single antenna switch for base station operation	$609.00
IASANTSW2	Dual antenna switch for base station operation	$1,070.00
Antennas		
UX241	GPS antenna	$59.00
Cabinets		
IASMNT1030	30" (17RU) locking indoor cabinet	$2,050.00
IASMNT1046	46" (26RU) locking indoor cabinet	$2,394.00
IASMNT1060	60" (34RU) locking indoor cabinet	$3,350.00
Cables		
OPC2390	Cable connecting VEPG4 to FR5000/6000	$214.00
Duplexers		
IASDUP1001	136-148 6 cavity 50W internal duplexer, 3MHz TX-RX separation	$525.00
IASDUP1002	148-160 6 cavity 50W internal duplexer, 3MHz TX-RX separation	$551.00
IASDUP1003	160-174 6 cavity 50W internal duplexer, 3MHz TX-RX separation	$551.00
IASDUP1004	136-148 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$551.00
IASDUP1005	148-160 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$750.00
IASDUP1006	160-174 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$551.00

Accessories

Model	Description	MSRP
IASDUP1007	136-148 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$525.00
IASDUP1008	148-160 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$551.00
IASDUP1009	160-174 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$551.00
IASDUP1010	144-190MHz 6 cavity 100W duplexer with 3MHz minimum TX-RX separation	$2,132.00
IASDUP1015	152-175MHz 50W internal duplexer (6-15MHz minimum separation)	$536.00
IASDUP1036	400-440 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$551.00
IASDUP1037	440-470 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$792.00
IASDUP1038	470-490 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$551.00
IASDUP1039	490-512 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$551.00
IASDUP1040	400-440 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$551.00
IASDUP1041	440-470 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$551.00
IASDUP1042	470-490 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$525.00
IASDUP1043	490-512 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$525.00
IASDUP1044	440-512 6 cavity 100W duplexer with 3MHz minimum TX-RX separation	$1,695.00
IASDUP50FR	FR5000/6000 internal duplexer assembly kit including RF jumpers, mounting bracket and screws	$105.00

External Speakers

SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00

IP Linking

CFFR5000 02	Multi-site (conventional only) IP repeater link card (requires UC-FR5000 or UCFR5300 board)	$140.00
CFFR5000MT	Multi-site (conventional & trunking) IP repeater link card (requires UC-FR5000 or UCFR5300 board)	$1,045.00
CFFR5300SC	Simulcast IP repeater link card (requires UC-FR5300)	$1,628.00

Microphones

HM152	Standard microphone for low/mid range mobile radios	$50.00
SM26	Desktop microphone with monitor switch for mobile radios	$110.00

Mounting hardware

IASMNT1005	Internal universal accessory mounting plate - use to mount duplexers/pre-selectors into FR5000/FR6000	$38.00

Accessories

Model	Description	MSRP
Power Amplifiers		
IASPA500	136-174MHz 100W out, 2-5W in, 4RU power amplifier; 19" rack mountable	$2,515.00
IASPA540	403-512MHz 100W out, 2-5W in, 4RU power amplifier 19" rack-mountable	$2,915.00
IASPA550	450-512MHz 100W out, 2-5W in, 4RU power amplifier 19" rack-mountable	$2,915.00
Power Equipment & Rack Mounting		
IASDP1001	DC distribution panel 12/24VDC with remote power control and SNMP. It can manage up to 12 loads.	$1,950.00
IASMNT1102	19" 2RU rack mount tray for 20A power supply; holds up to 2 units (power supplies not screwed into tray)	$184.00
IASMNT1105	Battery charger rackmount kit holds 1 to 2 chargers	$173.00
IASPS1022	12v/30A power supply/battery charger - 1RU rack mountable with IASMNT1105	$872.00
IASPS1220	20A power supply 13.8VDC; requires tray for use in rack (IASMNT1102)	$210.00
Racks		
IASMNT1028	28x19, 16U desktop 2-post rack; 350lb weight capacity	$415.00
IASMNT1042	42x19 welded steel 2-post rack; 24U, 1,500lb weight capacity	$788.00
IASMNT1070	70x19 welded steel 2-post rack; 40U, 1,500lb weight capacity	$1,500.00
Remote Communication		
CT23 01	PTT microphone adapter to use SM-26 or HM-152 with a PC. Requires BC-147S.	$128.00
CT24	Digital voice converter (supplied with RCFS10 and works with VEPG3)	$1,260.00
RCFS10	Remote Communicator software + CT-24 (digital voice converter unit - each IDAS system requires 1 CT-24)	$1,911.00
Repeaters		
URFR5300 61 USA	136-174MHz analog/digital IDAS repeater channel module	$1,486.00
URFR6300 75 USA	450-512MHz Repeater module	$1,486.00
URFR6300 81 USA	400-470MHz Repeater module	$1,486.00
Software & Cables		
IASTUN1001	Icom to tune your system products	$75.00
OPC2344	PC to mobile radio programming cloning cable with USB connector.	$115.00
PROG-IAS	Icom to program repeaters with provided icf file or add in basic frequencies	$75.00

Accessories

Model	Description	MSRP
RSMGR1	Remote system manager software for IDAS MultiTrunk	$5,245.00
Trunking/Network Controller		
IAS CROSSBAND CONTROLLER	Analog gateway that provides an easy migration path from analog to digital technology	$526.00
UCFR5300	Trunking/Network controller board (1 per repeater)	$578.00

FR9010 – FR9020 Series

110W Full Duty Cycle P25 Digital Repeater

SPECS _____

Frequencies:	146-174, 440-475MHz
Output Power:	110W VHF
	100W UHF
Channels:	500 channels
Channel Spacing:	12.5kHz
Display:	5 color LEDs
Mil Spec:	810 G
Size:	18.98x3.46x16.26 in
Weight:	11.0 kg; 24.3 lb (approx)

FEATURES _____

P25 conventional, analog FM and mixed mode
500 memory channels capacity
P25 conventional base mode:

- Emergency
- Call alert
- Radio check
- Radio inhibit (Stun)
- Radio uninhibit (Revive)
- Status update
- Status request
- SBC log (Call log)
- OTAR (Over-the-Air-Rekeying)
- Individual, group and all calls

D-SUB 25-pin accessory connector
Programmable CTCSS, DTCS and NAC
CW ID transmission
High reliability, rugged construction
±1.5ppm frequency stability (Digital mode)
Low standby current (280mA)
P25 self-test mode and key test mode
Automatic error detection
5 color LEDs
2U low profile for rack mount

Comes With _____

DC power cable connector
2-Year warranty

Configurations

Model	Description	MSRP
FR9010 11	146-174MHz 110W P25 repeater	$9,135.00
FR9020 11	440-475MHz 100W P25 repeater	$9,135.00

Accessories

Model	Description	MSRP
EXTWARRPT1	1 year extended warranty for a total 3 years	$180.00
EXTWARRPT2	2 year extended warranty for a total 4 years	$325.00
EXTWARRPT3	3 year extended warranty for a total 5 years	$465.00
Antenna Switches		
IAS ANTRLY-D	1RU dual antenna switch for FR9010/9020	$992.00
IAS ANTRLY-S	1RU single antenna switch for FR9010/9020	$525.00
Cabinets		
IASMNT1030	30" (17RU) locking indoor cabinet	$2,050.00
IASMNT1046	46" (26RU) locking indoor cabinet	$2,394.00
IASMNT1060	60" (34RU) locking indoor cabinet	$3,350.00
Duplexers		
IASDUP1010	144-190MHz 6 cavity 100W duplexer with 3MHz minimum TX-RX separation	$2,132.00
IASDUP1035	400-512 4 cavity 100W duplexer, 3MHz TX-RX separation	$1,990.00
Microphones		
HM-9000	Speaker microphone for the FR9010/9020 repeaters	$84.00
Miscellaneous		
8930091121	Repeater support bracket (FR9010 & FR5200H)	$97.61
Power Amplifiers		
IASE2PA507	470-490MHz 100W 2RU power amplifier; 19" rack mountable; requires 13.8V power supply	$3,990.00
IASE2PA511	470-490MHz 100W 2RU additional power amplifier (fits next to IASE2PA507 in chassis)	$3,570.00
IASPA500	136-174MHz 100W out, 2-5W in, 4RU power amplifier; 19" rack mountable	$2,515.00

Accessories

Model	Description	MSRP
Power Equipment & Rack Mounting		
IASDP1001	DC distribution panel 12/24VDC with remote power control and SNMP. It can manage up to 12 loads.	$1,950.00
IASMNT1102	19" 2RU rack mount tray for 20A power supply; holds up to 2 units (power supplies not screwed into tray)	$184.00
IASMNT1105	Battery charger rackmount kit holds 1 to 2 chargers	$173.00
IASPS1022	12v/30A power supply/battery charger - 1RU rack mountable with IASMNT1105	$872.00
IASPS1220	20A power supply 13.8VDC; requires tray for use in rack (IASMNT1102)	$210.00
Racks		
IASMNT1028	28x19, 16U desktop 2-post rack; 350lb weight capacity	$415.00
IASMNT1042	42x19 welded steel 2-post rack; 24U, 1,500lb weight capacity	$788.00
IASMNT1070	70x19 welded steel 2-post rack; 40U, 1,500lb weight capacity	$1,500.00
Software & Cables		
CSFR9010	Programming software for the FR9010/9020	$79.00
OPC-9000	Programming cable for the FR9010/9020 repeaters	$284.00
PROG-IAS	Icom to program repeaters with provided icf file or add in basic frequencies	$75.00

Discontinued Radios

F14/F24 - F33G/F43G - F43TR – F3021/F4021 Accessories

The F14/F24 - F33G/43G, F43TR & F3021 / F4021 portables are discontinued and no longer available from Icom. Icom does still sell the below compatible accessories.

Accessories

Model	Description	MSRP
Antennas		
FASC25U	400-430MHz antenna J type connector	$14.00
FASC25V	136-150MHz antenna J type connector	$14.00
FASC55V	146-174MHz standard antenna J type connector	$14.00
FASC56VS	150-160MHz stubby antenna J type connector	$16.00
FASC57U	430-470MHz standard antenna (red ring) J type connector	$14.00
FASC57VS	160-174MHz stubby antenna J type connector	$16.00
FASC61UC	380-520MHz cut antenna J type connector	$20.00
FASC61VC	136-174MHz cut antenna for the specific frequency desired	$20.00
FASC62V	150-160MHz high gain antenna J type connector	$59.00
FASC63V	155-165MHz high gain antenna J type connector	$60.00
FASC72U	470-512MHz antenna J type connector	$14.00
FASC73US	450-470MHz stubby antenna for J type connector	$16.00
LARSEN SPHL10160IC	151-163MHz helical ¼ wave antenna center tuned to 157MHz	$45.00
Batteries		
BP232H	Li-ion 7.4V 2300mAh (typical capacity), 2250mAh (minimum value)	$81.00
Belt Clips		
AW SWIVEL	Swivel clip used with the AW Stud/Swivel Kit.	$14.00
MB93	Swivel belt clip	$12.00
MB94	Alligator belt clip	$11.00
MB94R	Alligator belt clip with long clip that angles the antenna/top of radio off the body	$19.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00

Accessories

Model	Description	MSRP
Chargers		
AD106	Adapter cup for the BC119N/BC121N for the radios with the BP232N/H battery	$29.00
AD122	Adapter cup that fits into the BC197 22/23 for the BP232N/H batteries	$24.00
BC147SA	AC adapter for trickle chargers; 100-240V with a US style plug	$23.00
BC147SE 15	AC adapter for trickle chargers; 230V with a Euro style plug	$17.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC160	Rapid charger for radios with the BP230/231/232 battery; 100-240V with a US style plug	$74.00
BC160E	Rapid charger for radios with the BP230/231/232 battery; 100-240V with a Euro style plug	$74.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	$88.00
Encryption & Internal Modules		
UT124 01	Man down unit	$95.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
VS1L	VOX/PTT case with 2-pin right angle connector. Must use with HS94/HS95/HS97	$46.00
Microphones		
HM158LA	Compact speaker microphone with revolving clip and earphone jack (right angle 2-pin screw down connector, stereo mic/mono speaker)	$50.00
HM159LA	Large speaker microphone with earphone jack and metal alligator clip (right angle 2-pin screw down connector, stereo mic/mono speaker)	$84.00
HM-HD7I7WP	Large waterproof speaker microphone with 3.5mm accessory jack (right angle 2-pin screw down connector)	$117.00
IMPACT HD3-I3	Heavy duty speaker mic w/3.5mm accessory jack (2-pin screw down connector)	$70.00
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	$34.00
Software & Cables		
CSF14	F14/F24 Program Sftwre w/ MDC	$79.00

Accessories

Model	Description	MSRP
CSF3021/F5021/F5011	F3021/5021/5011 series programming software	$79.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
Wire Kits		
HM128L	Earphone/mic with 2-pin right angle connector	$30.00
HM166LA	Earphone microphone with 2-pin right angle connector	$62.00

F1721 - F2721/F2821 Series

High End Analog, P25 Conventional Mobiles are discontinued and no longer available from Icom. Compatible accessories outlined below my still be available.

Accessories

Model	Description	MSRP
EX2785J01	P25 activation software for F70/80 & F1721/2721 radios	$680.00
Antennas		
ANTENNA 1	118-940MHz 1/4 wave antenna, unity gain, field tunable	$20.00
ANTENNA 2	144-174MHz 3dB gain mountable antenna, CHR, 59" high	$55.00
ANTENNA 3	450-470MHz 5dB gain mountable antenna, CHR, 40" high	$62.00
ANTENNA 4	152-162MHz, unity gain antenna, NMO compatible, 21.6". Factory tuned to 157MHz	$22.00
Cables		
OPC1132	DC power cable (9.8ft) with 2-pin T connector.	$48.00
OPC440	Microphone extension cable (RJ-45 M/F) (16.4ft)	$107.00
OPC617	Accesory cable for external terminal connection	$68.00
Encryption & Internal Modules		
OPC-IAKVL1	Interface Cable with RJ45 Connector between P25 mobiles & KA KVL125	$158.00
UT120 02	P25 Hardware Upgrade Board - Mobiles	$568.00
External Speakers		
SP30	20W large external speaker	$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Microphones		
HM148G	Self grounding microphone for mobile radios	$72.00
HM148T	DMTF mobile microphone	$112.00
HM152	Standard microphone for low/mid range mobile radios	$50.00
HM152T	DTMF modular microphone for LM mobile radios	$102.00
SM26	Desktop microphone with monitor switch for mobile radios	$110.00
Mounting Hardware		
F1721 MMB	Mounting bracket for F1721/F1821, F2721/2821, F9011S/T	$11.00

Accessories

Model	Description	MSRP
MOUNT 1	NMO Permanent Mount, 17ft RG58 cable, PL259 connector	$29.00
MOUNT 3	Black Magnetic Mount - 3 1/4" diameter, 12ft RG58 cable w/PL259 connector	$50.00

Remote Mounting

Model	Description	MSRP
OPC607	3m/9.8ft separation cable for remote mounting kits	$61.00
OPC609	1.9m/6.2ft separation cable for remote mounting kits	$59.00
OPC726	5m/16.4ft separation cable for remote mounting kits	$69.00
RMK2	F1721/1821 bracket & face plate for remote mounting. Separation cable not included	$152.00

Software & Cables

Model	Description	MSRP
CSF70/F1700	Cloning Softwre F70/F80/F1721/F1821/F2721/F282	$79.00
OPC1532	Radio to radio cloning cable between P25 mobile radios	$44.00
OPC1533	Radio to radio cloning cable between F1721/2721/D series mobiles & F70/80/D portable radios	$92.00
OPC1534	Key Loader cable for P25 radio to KVL3000/4000. For portables: requires OPC-1871, RJ45 female to RJ45 female & 8920001690. For mobiles: requires RJ45 female to RJ45 female & 8920001690.	$242.00

F3011 – F4011 Series

F3011 – F4011 Series are discontinued and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	MSRP
Antennas		
FASC25U	400-430MHz antenna J type connector	$14.00
FASC25V	136-150MHz antenna J type connector	$14.00
FASC26US	400-450MHz stubby antenna J type connector	$16.00
FASC26VS	136-144MHz stubby antenna J type connector	$16.00
FASC27VS	142-150MHz stubby antenna J type connector	$16.00
FASC28V	142-162MHz antenna J type connector	$14.00
FASC29V	160-174MHz antenna J type connector	$14.00
FASC55V	146-174MHz standard antenna J type connector	$14.00
FASC56VS	150-160MHz stubby antenna J type connector	$16.00
FASC57U	430-470MHz standard antenna (red ring) J type connector	$14.00
FASC57VS	160-174MHz stubby antenna J type connector	$16.00
FASC61UC	380-520MHz cut antenna J type connector	$20.00
FASC61VC	136-174MHz cut antenna for the specific frequency desired	$20.00
FASC62V	150-160MHz high gain antenna J type connector	$59.00
FASC63V	155-165MHz high gain antenna J type connector	$60.00
FASC72U	470-512MHz antenna J type connector	$14.00
FASC73US	450-470MHz stubby antenna for J type connector	$16.00
LARSEN SPHL10160IC	151-163MHz helical ¼ wave antenna center tuned to 157MHz	$45.00
Batteries		
BP232H	Li-ion 7.4V 2300mAh (typical capacity), 2250mAh (minimum value)	$81.00
Belt Clips		
AW SWIVEL	Swivel clip used with the AW Stud/Swivel Kit.	$14.00
MB93	Swivel belt clip	$12.00
MB94	Alligator belt clip	$11.00

Accessories

Model	Description	MSRP
MB94R	Alligator belt clip with long clip that angles the antenna/top of radio off the body	$19.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00

Cables

OPC515L	DC power cable for single unit rapid chargers	$28.00

Chargers

AD106	Adapter cup for the BC119N/BC121N for the radios with the BP232N/H battery	$29.00
AD122	Adapter cup that fits into the BC197 22/23 for the BP232N/H batteries	$24.00
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC160	Rapid charger for radios with the BP230/231/232 battery; 100-240V with a US style plug	$74.00
BC160E	Rapid charger for radios with the BP230/231/232 battery; 100-240V with a Euro style plug	$74.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	$88.00

Headsets

HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
VS1L	VOX/PTT case with 2-pin right angle connector. Must use with HS94/HS95/HS97	$46.00

Microphones

HM158LA	Compact speaker microphone with revolving clip and earphone jack (right angle 2-pin screw down connector, stereo mic/mono speaker)	$50.00
HM159LA	Large speaker microphone with earphone jack and metal alligator clip (right angle 2-pin screw down connector, stereo mic/mono speaker)	$84.00
HM-HD7I7WP	Large waterproof speaker microphone with 3.5mm accessory jack (right angle 2-pin screw down connector)	$117.00
IMPACT HD3-I3	Heavy duty speaker mic w/3.5mm accessory jack (2-pin screw down connector)	$70.00
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	$34.00

Accessories

Model	Description	MSRP
Software & Cables		
CSF3011	F3011/4011 software	$79.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
Wire Kits		
HM128L	Earphone/mic with 2-pin right angle connector	$30.00
HM166LA	Earphone microphone with 2-pin right angle connector	$62.00

F3031S – F4031S Series

Analog Submersible Portables are discontinued and no longer available from Icom.
Compatible accessories outlined below may still be available.

Accessories

Model	Description	MSRP
Antennas		
FASC25U	400-430MHz antenna J type connector	$14.00
FASC25V	136-150MHz antenna J type connector	$14.00
FASC26US	400-450MHz stubby antenna J type connector	$16.00
FASC55V	146-174MHz standard antenna J type connector	$14.00
FASC56VS	150-160MHz stubby antenna J type connector	$16.00
FASC57U	430-470MHz standard antenna (red ring) J type connector	$14.00
FASC57VS	160-174MHz stubby antenna J type connector	$16.00
FASC61UC	380-520MHz cut antenna J type connector	$20.00
FASC61VC	136-174MHz cut antenna for the specific frequency desired	$20.00
FASC62V	150-160MHz high gain antenna J type connector	$59.00
FASC63V	155-165MHz high gain antenna J type connector	$60.00
FASC72U	470-512MHz antenna J type connector	$14.00
FASC73US	450-470MHz stubby antenna for J type connector	$16.00
Batteries		
BP232WP	Li-ion 7.4V 2300mAh (typical capacity), 2250mAh (minimum value) IP67 waterproof battery	$90.00
Belt Clips		
AW SWIVEL	Swivel clip used with the AW Stud/Swivel Kit.	$14.00
MB93	Swivel belt clip	$12.00
MB94	Alligator belt clip	$11.00
MB94R	Alligator belt clip with long clip that angles the antenna/top of radio off the body	$19.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00

Accessories

Model	Description	MSRP
Chargers		
AD106	Adapter cup for the BC119N/BC121N for the radios with the BP232N/H battery	$29.00
AD122	Adapter cup that fits into the BC197 22/23 for the BP232N/H batteries	$24.00
BC147SA	AC adapter for trickle chargers; 100-240V with a US style plug	$23.00
BC147SE 15	AC adapter for trickle chargers; 230V with a Euro style plug	$17.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC160	Rapid charger for radios with the BP230/231/232 battery; 100-240V with a US style plug	$74.00
BC160E	Rapid charger for radios with the BP230/231/232 battery; 100-240V with a Euro style plug	$74.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	$88.00
Microphones		
HM158LA	Compact speaker microphone with revolving clip and earphone jack (right angle 2-pin screw down connector, stereo mic/mono speaker)	$50.00
HM159LA	Large speaker microphone with earphone jack and metal alligator clip (right angle 2-pin screw down connector, stereo mic/mono speaker)	$84.00
HM-HD7I7WP	Large waterproof speaker microphone with 3.5mm accessory jack (right angle 2-pin screw down connector)	$117.00
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	$34.00
Software & Cables		
CSF3021/F5021/F5011	F3021/5021/5011 series programming software	$79.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
Wire Kits		
HM166LA	Earphone microphone with 2-pin right angle connector	$62.00

F3161 – F4161 / F3161D – F4161D Series

Analog, LTR®, Digital Portables are discontinued and no longer available from Icom.
Compatible accessories outlined below may still be available.

Accessories

Model	Description	MSRP
Antennas		
FASC25U	400-430MHz antenna J type connector	$14.00
FASC25V	136-150MHz antenna J type connector	$14.00
FASC26US	400-450MHz stubby antenna J type connector	$16.00
FASC26VS	136-144MHz stubby antenna J type connector	$16.00
FASC27VS	142-150MHz stubby antenna J type connector	$16.00
FASC28V	142-162MHz antenna J type connector	$14.00
FASC29V	160-174MHz antenna J type connector	$14.00
FASC55V	146-174MHz standard antenna J type connector	$14.00
FASC56VS	150-160MHz stubby antenna J type connector	$16.00
FASC57U	430-470MHz standard antenna (red ring) J type connector	$14.00
FASC57VS	160-174MHz stubby antenna J type connector	$16.00
FASC61UC	380-520MHz cut antenna J type connector	$20.00
FASC61VC	136-174MHz cut antenna for the specific frequency desired	$20.00
FASC62V	150-160MHz high gain antenna J type connector	$59.00
FASC63V	155-165MHz high gain antenna J type connector	$60.00
FASC72U	470-512MHz antenna J type connector	$14.00
FASC73US	450-470MHz stubby antenna for J type connector	$16.00
LARSEN SPHL10160IC	151-163MHz helical ¼ wave antenna center tuned to 157MHz	$45.00
Batteries		
BP232H	Li-ion 7.4V 2300mAh (typical capacity), 2250mAh (minimum value)	$81.00
Belt Clips		
AW SWIVEL	Swivel clip used with the AW Stud/Swivel Kit.	$14.00
MB93	Swivel belt clip	$12.00
MB94	Alligator belt clip	$11.00

Accessories

Model	Description	MSRP
MB94R	Alligator belt clip with long clip that angles the antenna/top of radio off the body	$19.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00

Cables

OPC515L	DC power cable for single unit rapid chargers	$28.00

Chargers

AD106	Adapter cup for the BC119N/BC121N for the radios with the BP232N/H battery	$29.00
AD122	Adapter cup that fits into the BC197 22/23 for the BP232N/H batteries	$24.00
BC147SA	AC adapter for trickle chargers; 100-240V with a US style plug	$23.00
BC147SE 15	AC adapter for trickle chargers; 230V with a Euro style plug	$17.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC160	Rapid charger for radios with the BP230/231/232 battery; 100-240V with a US style plug	$74.00
BC160E	Rapid charger for radios with the BP230/231/232 battery; 100-240V with a Euro style plug	$74.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	$88.00
SS BC61	Mobile rapid charger with cigarette adapter for the F3161 & F3261 series	$226.00

Encryption & Internal Modules

UT126H 03	6.25kHz digital module for old PLL versions of the F3161/4161 or F5061/6061 radios	$263.00

Headsets

HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00

Microphones

HM131SC	Lightweight speaker microphone with earphone jack (9-pin)	$85.00
HM159SC LG	Large speaker microphone with earphone jack and metal alligator clip (9-pin, stereo mic/mono speaker)	$101.00
HM169	Waterproof speaker mic (9-pin)	$121.00
HM169 IS	Intrinscially safe waterproof speaker mic (9-pin)	$155.00

Accessories

Model	Description	MSRP
IMPACT HD3-I5	Heavy duty use speaker mic with 3.5mm accessory jack (9-pin)	$80.00
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	$34.00
Software & Cables		
CSF3161/F5061	Software to program the F3161/4161 & F5061/6061 radios	$79.00
OPC966U	USB programming cloning cable for radios with 9-pin connector	$181.00

F3210D – F4210D Series

Entry Level IDAS™ Trunking Portables are discontinued and no longer available from Icom.
Icom does still sell the below compatible accessories.

Accessories

Model	Description	MSRP
Antennas		
FASC25U	400-430MHz antenna J type connector	$14.00
FASC25V	136-150MHz antenna J type connector	$14.00
FASC26US	400-450MHz stubby antenna J type connector	$16.00
FASC26VS	136-144MHz stubby antenna J type connector	$16.00
FASC27VS	142-150MHz stubby antenna J type connector	$16.00
FASC28V	142-162MHz antenna J type connector	$14.00
FASC29V	160-174MHz antenna J type connector	$14.00
FASC55V	146-174MHz standard antenna J type connector	$14.00
FASC56VS	150-160MHz stubby antenna J type connector	$16.00
FASC57U	430-470MHz standard antenna (red ring) J type connector	$14.00
FASC57VS	160-174MHz stubby antenna J type connector	$16.00
FASC61UC	380-520MHz cut antenna J type connector	$20.00
FASC61VC	136-174MHz cut antenna for the specific frequency desired	$20.00
FASC62V	150-160MHz high gain antenna J type connector	$59.00
FASC63V	155-165MHz high gain antenna J type connector	$60.00
FASC72U	470-512MHz antenna J type connector	$14.00
FASC73US	450-470MHz stubby antenna for J type connector	$16.00
LARSEN SPHL10160IC	151-163MHz helical ¼ wave antenna center tuned to 157MHz	$45.00
Batteries		
BP263	Battery case that holds 6 AA alkaline batteries	$32.00
BP265	Li-ion 7.4V 1900mAh	$85.00
Belt Clips		
MB124	Alligator type belt clip	$13.00

Accessories

Model	Description	MSRP
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Chargers		
AD121	Adapter cup that fits into the BC197 12/13 for the BP265 Li-ion battery	$24.00
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC193	Rapid charger for radios with BP265 Li-ion battery; 100-240V with US style plug	$72.00
BC193E	Rapid charger for radios with BP265 Li-ion battery; 100-240V with Euro style plug	$72.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	$88.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
OPC2004	Adapter plug to to use the HS94/95/97 for the F3001/4001/3101D/4101D & V80	$28.00
Microphones		
HM158LA	Compact speaker microphone with revolving clip and earphone jack (right angle 2-pin screw down connector, stereo mic/mono speaker)	$50.00
HM159LA	Large speaker microphone with earphone jack and metal alligator clip (right angle 2-pin screw down connector, stereo mic/mono speaker)	$84.00
HM-HD7I7WP	Large waterproof speaker microphone with 3.5mm accessory jack (right angle 2-pin screw down connector)	$117.00
IMPACT HD3-I3	Heavy duty speaker mic w/3.5mm accessory jack (2-pin screw down connector)	$70.00
SP27	Acoustic tube earphone with a clip (3.5mm)	$38.00
Software & Cables		
CSF3210D	Programming software for F3210D/4210D, F3230D/4230D & F5220D/6220D	$79.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

Accessories

Model	Description	MSRP
Wire Kits		
HM128L	Earphone/mic with 2-pin right angle connector	$30.00
HM166LA	Earphone microphone with 2-pin right angle connector	$62.00

F50V/F60V Series

Submersible Analog Portables are discontinued and no longer available from Icom.
Compatible accessories outlined below may still be available.

Accessories

Model	Description	MSRP
Antennas		
AD92SMA	Antenna connector adapter to connect a BNC-type antenna	$22.00
CEN EXD 400 SMI	400-420MHz stubby antenna for the F60/V portable radios	$15.00
FAS24V	136-150MHz antenna for the F50/V handhelds (Blue ring)	$14.00
FAS27U	400-470MHz antenna for the F60/V (green ring)	$14.00
FAS56U	450-520MHz antenna for F60/V (red ring)	$17.00
FAS57US	450-490MHz stubby antenna for F60/V portable radios (red ring)	$19.00
FAS59V	150-174MHz standard antenna for the F50 & M88 (red ring)	$16.00
FAS62VS	150-162MHz stubby antenna for F50/V (Red ring)	$19.00
FAS63VS	160-174MHz stubby antenna for F50/V (green ring)	$19.00
FAS74U	490-520MHz antenna for F60/V (blue ring)	$14.00
Batteries		
BP227	Li-ion 7.2V 1950mAh (typical capacity), 1850mAh (minimum value); waterproof	$142.00
Belt Clips		
MB86	Swivel belt clip that screws into back of radio	$14.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00
MB98	Standard belt clip for the F50/60 & M88	$14.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Chargers		
AD100	Adapter cup to install in the BC119N or BC121N for the F50/60 & M88 radios	$29.00
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC147SA	AC adapter for trickle chargers; 100-240V with a US style plug	$23.00

Accessories

Model	Description	MSRP
BC147SE 15	AC adapter for trickle chargers; 230V with a Euro style plug	$17.00
BC152N 11	F50/F60/M88 desktop trickle charger (requires BC-147)	$45.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC190 01	Sensing rapid charger for F50/60 radios; 100-240V with a US style plug	$84.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
MB130	Vehicle charger bracket holds rapid charger; requires cigarette lighter cable	$88.00

Headsets

Model	Description	MSRP
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00

Microphones

Model	Description	MSRP
HM131SC	Lightweight speaker microphone with earphone jack (9-pin)	$85.00
HM138	Waterproof 9-pin marine style speaker mic (IS approved for F50/F60/M88/F70/F80)	$139.00
HM169	Waterproof speaker mic (9-pin)	$121.00
IMPACT HD3-I5	Heavy duty use speaker mic with 3.5mm accessory jack (9-pin)	$80.00

Software & Cables

Model	Description	MSRP
OPC966U	USB programming cloning cable for radios with 9-pin connector	$181.00

Wire Kits

Model	Description	MSRP
KLEIN DOUBLE AGENT-S8	2-Wire Kit D-Ring Earloop for F50/F60	$74.00

F70/F80 – F70D/F80D Series

High End Analog, P25 Conventional, I.S. and FIPS Portables are discontinued and no longer available from Icom. Compatible accessories outlined below may still be available.

Accessories

Model	Description	MSRP
Antennas		
AD98FSC	Antenna connector adapter for "J" to "BNC" conversion	$24.00
FASC25U	400-430MHz antenna J type connector	$14.00
FASC25V	136-150MHz antenna J type connector	$14.00
FASC55V	146-174MHz standard antenna J type connector	$14.00
FASC56VS	150-160MHz stubby antenna J type connector	$16.00
FASC57U	430-470MHz standard antenna (red ring) J type connector	$14.00
FASC57VS	160-174MHz stubby antenna J type connector	$16.00
FASC61UC	380-520MHz cut antenna J type connector	$20.00
FASC61VC	136-174MHz cut antenna for the specific frequency desired	$20.00
FASC62V	150-160MHz high gain antenna J type connector	$59.00
FASC63V	155-165MHz high gain antenna J type connector	$60.00
FASC72U	470-512MHz antenna J type connector	$14.00
FASC73US	450-470MHz stubby antenna for J type connector	$16.00
Batteries		
BP253	Li-ion 7.2V 1650mAh (typical capacity), 1570mAh (minimum value)	$116.00
BP254	Li-ion 7.2V 3040mAh (typical capacity), 2900mAh (minimum value) for P25 portables	$163.00
Belt Clips		
MB93	Swivel belt clip	$12.00
MB94	Alligator belt clip	$11.00
MB94R	Alligator belt clip with long clip that angles the antenna/top of radio off the body	$19.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00

Accessories

Model	Description	MSRP
Chargers		
AD110	Adapter cup to install in the BC119N or BC121N for the BP253 or BP254 batteries	$29.00
BC119NS 11	Rapid charger with AD110 installed for F70/80/9011/9021 radios; 100-240V with US style plug	$100.00
BC121NS	6-Unit Charger Kit BC121N + AD110 x 6. Requires BC157S AC adapter.	$494.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
Encryption & Internal Modules		
UT120 01	P25 upgrade board for F70/80 handhelds	$568.00
UT124 01	Man down unit	$95.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
Microphones		
HM138	Waterproof 9-pin marine style speaker mic (IS approved for F50/F60/M88/F70/F80)	$139.00
HM169	Waterproof speaker mic (9-pin)	$121.00
IMPACT HD3-I5	Heavy duty use speaker mic with 3.5mm accessory jack (9-pin)	$80.00
Software & Cables		
CSF70/F1700	Cloning Softwre F70/F80/F1721/F1821/F2721/F282	$79.00
OPC1533	Radio to radio cloning cable between F1721/2721/D series mobiles & F70/80/D portable radios	$92.00
OPC1536	Radio to radio cloning cable between F70/80/D portable radios	$129.00
OPC966U	USB programming cloning cable for radios with 9-pin connector	$181.00

FR5000-FR6000 Series

IDAS Digital & Analog Repeaters are discontinued and no longer available from Icom.
Compatible accessories outlined below may still be available.

Accessories

Model	Description	MSRP
Antenna Switches		
IASANTSW1	Single antenna switch for base station operation	$609.00
IASANTSW2	Dual antenna switch for base station operation	$1,070.00
Cabinets		
IASMNT1030	30" (17RU) locking indoor cabinet	$2,050.00
IASMNT1046	46" (26RU) locking indoor cabinet	$2,394.00
IASMNT1060	60" (34RU) locking indoor cabinet	$3,350.00
Cables		
OPC2390	Cable connecting VEPG4 to FR5000/6000	$214.00
Duplexers		
IASDUP1001	136-148 6 cavity 50W internal duplexer, 3MHz TX-RX separation	$525.00
IASDUP1002	148-160 6 cavity 50W internal duplexer, 3MHz TX-RX separation	$551.00
IASDUP1003	160-174 6 cavity 50W internal duplexer, 3MHz TX-RX separation	$551.00
IASDUP1004	136-148 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$551.00
IASDUP1005	148-160 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$750.00
IASDUP1006	160-174 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$551.00
IASDUP1007	136-148 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$525.00
IASDUP1008	148-160 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$551.00
IASDUP1009	160-174 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$551.00
IASDUP1010	144-190MHz 6 cavity 100W duplexer with 3MHz minimum TX-RX separation	$2,132.00
IASDUP1015	152-175MHz 50W internal duplexer (6-15MHz minimum separation)	$536.00
IASDUP1035	400-512 4 cavity 100W duplexer, 3MHz TX-RX separation	$1,990.00
IASDUP1036	400-440 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$551.00
IASDUP1037	440-470 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$792.00
IASDUP1038	470-490 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$551.00

Accessories

Model	Description	MSRP
IASDUP1039	490-512 6 cavity 50W internal duplexer, 5MHz TX-RX separation	$551.00
IASDUP1040	400-440 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$551.00
IASDUP1041	440-470 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$551.00
IASDUP1042	470-490 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$525.00
IASDUP1043	490-512 6 cavity 50W internal duplexer, 10MHz TX-RX separation	$525.00
IASDUP1044	440-512 6 cavity 100W duplexer with 3MHz minimum TX-RX separation	$1,695.00
IASDUP50FR	FR5000/6000 internal duplexer assembly kit including RF jumpers, mounting bracket and screws	$105.00

External Speakers

SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00

IP Linking

CFFR5000 02	Multi-site (conventional only) IP repeater link card (requires UC-FR5000 or UCFR5300 board)	$140.00
CFFR5000MT	Multi-site (conventional & trunking) IP repeater link card (requires UC-FR5000 or UCFR5300 board)	$1,045.00

Microphones

HM148G	Self grounding microphone for mobile radios	$72.00
HM148T	DMTF mobile microphone	$112.00
HM152	Standard microphone for low/mid range mobile radios	$50.00
HM152T	DTMF modular microphone for LM mobile radios	$102.00
SM26	Desktop microphone with monitor switch for mobile radios	$110.00

Mounting hardware

IASMNT1005	Internal universal accessory mounting plate - use to mount duplexers/pre-selectors into FR5000/FR6000	$38.00

Power Amplifiers

IASE2PA507	470-490MHz 100W 2RU power amplifier; 19" rack mountable; requires 13.8V power supply	$3,990.00
IASE2PA511	470-490MHz 100W 2RU additional power amplifier (fits next to IASE2PA507 in chassis)	$3,570.00
IASPA500	136-174MHz 100W out, 2-5W in, 4RU power amplifier; 19" rack mountable	$2,515.00
IASPA540	403-512MHz 100W out, 2-5W in, 4RU power amplifier 19" rack-mountable	$2,915.00
IASPA550	450-512MHz 100W out, 2-5W in, 4RU power amplifier 19" rack-mountable	$2,915.00

Accessories

Model	Description	MSRP
Power Equipment & Rack Mounting		
IASDP1001	DC distribution panel 12/24VDC with remote power control and SNMP. It can manage up to 12 loads.	$1,950.00
IASMNT1102	19" 2RU rack mount tray for 20A power supply; holds up to 2 units (power supplies not screwed into tray)	$184.00
IASMNT1105	Battery charger rackmount kit holds 1 to 2 chargers	$173.00
IASPS1022	12v/30A power supply/battery charger - 1RU rack mountable with IASMNT1105	$872.00
IASPS1220	20A power supply 13.8VDC; requires tray for use in rack (IASMNT1102)	$210.00
Pre-Selectors		
IASPR1001	136-150MHz 4 cavity pre-selector (assembly kit required with FR5000)	$735.00
IASPR1002	150-174MHz 4 cavity pre-selector (assembly kit required with FR5000)	$735.00
IASPR1010	400-440MHz 4 cavity pre-selector (assembly kit required with FR6000)	$735.00
IASPR1011	440-520MHz 4 cavity pre-selector (assembly kit required with FR6000)	$735.00
IASPR50FR	FR5000/6000 internal pre-selector assembly kit including RF jumpers, mounting bracket and screws	$152.00
Racks		
IASMNT1028	28x19, 16U desktop 2-post rack; 350lb weight capacity	$415.00
IASMNT1042	42x19 welded steel 2-post rack; 24U, 1,500lb weight capacity	$788.00
IASMNT1070	70x19 welded steel 2-post rack; 40U, 1,500lb weight capacity	$1,500.00
Remote Communication		
CT23 01	PTT microphone adapter to use SM-26 or HM-152 with a PC. Requires BC-147S.	$128.00
CT24	Digital voice converter (supplied with RCFS10 and works with VEPG3)	$1,260.00
RCFS10	Remote Communicator software + CT-24 (digital voice converter unit - each IDAS system requires 1 CT-24)	$1,911.00
Software & Cables		
CSFR5000	FR5000/6000 programming software	$79.00
RSMGR1	Remote system manager software for IDAS MultiTrunk	$5,245.00

Accessories

Model	Description	MSRP
Trunking/Network Controller		
IAS CROSSBAND CONTROLLER	Analog gateway that provides an easy migration path from analog to digital technology	$526.00
UCFR5300	Trunking/Network controller board (1 per repeater)	$578.00

Support Services

Model	Description	MSRP	UOM	Category
CONTROL STATION ASSEMBLE	Icom America factory mobile Radio/Mainframe install into power supply and cabinet to make control station.	$ 20.00	EA	Landmobile
ENGRAVE	Icom America factory engraving for Radio/Mainframes	$ 40.00	EA	All
EXTWARR211	Icom 1 year extended warranty for a total 3 years for low tier Radio/Mainframes	$ 25.00	EA	Landmobile
EXTWARR212	Icom 2 year extended warranty for a total 4 years for low tier Radio/Mainframes	$ 44.00	EA	Landmobile
EXTWARR213	Icom 3 year extended warranty for a total 5 years for low tier Radio/Mainframes	$ 62.00	EA	Landmobile
EXTWARR611	Icom 1 year extended warranty for mid tier Radio/Mainframes	$ 40.00	EA	Landmobile
EXTWARR612	Icom 2 year extended warranty for mid tier Radio/Mainframes	$ 70.00	EA	Landmobile
EXTWARR613	Icom 3 year extended warranty for mid tier Radio/Mainframes	$ 110.00	EA	Landmobile
EXTWARR811	Icom 1 year extended warranty for P25 Radio/Mainframes	$ 65.00	EA	Landmobile
EXTWARR812	Icom 2 year extended warranty for P25 Radio/Mainframes	$ 93.00	EA	Landmobile
EXTWARR813	Icom 3 year extended warranty for P25 Radio/Mainframes	$ 130.00	EA	Landmobile
EXTWARR912	Icom 1 year extended warranty for Landmobile HF Radio/Mainframes	$ 125.00	EA	Landmobile
EXTWARR913	Icom 2 year extended warranty for Landmobile HF Radio/Mainframes	$ 160.00	EA	Landmobile
EXTWARR914	Icom 3 year extended warranty for Landmobile HF Radio/Mainframes	$ 245.00	EA	Landmobile
EXTWARRPT1	Icom 1 year extended warranty, a total 3 years for Repeater/Mainframes	$ 180.00	EA	Landmobile
EXTWARRPT2	Icom 2 year extended warranty, a total 4 years for Repeater/Mainframes	$ 325.00	EA	Landmobile
EXTWARRPT3	Icom 3 year extended warranty, a total 5 years for Repeater/Mainframes	$ 465.00	EA	Landmobile
IASTUN1001	Icom America factory to tune your System Products	$ 75.00	EA	Landmobile
INSTALLATION AVIONICS	Icom America factory installation charge for Avionics Radio/Mainframes	$ 75.00	EA	Avionics
INSTALLATION MARINE	Icom America factory installation for Marine Radio/Mainframes	$ 40.00	EA	Marine
INSTALL-IAS	Icom America factory installation of a System component into a repeater or cabinet	$ 75.00	EA	Landmobile Systems
INSTALL-MF	Icom America factory installation of a component into a Landmobile mobile or portable Radio/Mainframes	$ 40.00	EA	Landmobile
PROG-IAS	Icom America factory to program your Systems product	$ 75.00	EA	Landmobile Systems
PROGLM6789	Icom America factory to program your Radio/Mainframes or Systems product	$ 70.00	EA	Landmobile Systems
PROG-MF	Icom America factory to program your land mobile Radio/Mainframe with provided icf file or 1 to 2 channels	$ 40.00	EA	Landmobile
PROGRAMMING AVIONICS	Icom America factory programming for Avionics Radio/Mainframe	$ 40.00	EA	Avionics
PROGRAMMING MARINE	Icom America factory programming for Marine Radio/Mainframe	$ 40.00	EA	Marine
QCRRS01	Icom Comprehensive Repair IDAS 3yrs enhanced extended warranty for selected landmobile Radio/Mainframes	$ 283.33	EA	Landmobile (IDAS Products Only)
QCRRS09	Icom Comprehensive Repair P25 3yrs enhanced enhanced extended warranty for selected landmobile Radio/Mainframes	$ 325.00	EA	Landmobile (P25 Products Only)
QENG-PH	Icom America Engineering Support for Radio/Mainframe - per hour	$ 266.67	HR	All
QFS-1D	Icom OnSite Technical/Field Support for Radio/Mainframe - 1st Day	$ 7,790.00	EA	All
QFS-AD	Icom OnSite Technical/Field Support for Radio/Mainframe - Additional Days	$ 4,540.00	EA	All
QFS-PH	Icom Field/Design Support for Radio/Mainframe - per hour	$ 250.00	HR	All
QNS-H	Icom Network Phone Support for Radio/Mainframe - per hour	$ 292.84	HR	Network

Support Services

Model	Description	MSRP	UOM	Category
QPPR-EA	Icom America factory pad printing fee per Radio/Mainframes	$ 16.67	EA	All
QPPR-SU	Icom Set up fee per design plate for pad printing for Radio/Mainframes	$ 208.33	EA	All
QTT-24PS-D	Icom 24/7/365 Phone Support - Monthly rate with year contract, default (non-IAS) designed	$ 857.10	EA	Landmobile Systems
QTT-24PS-I	Icom 24/7/365 Phone Support - Monthly rate with year contract, IAS designed & tested	$ 571.40	EA	Landmobile Systems
QTT-OS1D	Icom On-Site Technical Training 1st Day, Up to 6 People	$ 7,790.00	EA	All
QTT-OSAD	Icom On-Site Technical Training Additional Days, Up to 6 People	$ 4,540.00	EA	All
QTT-OSPH	Icom Technical online training from their desk	$ 250.00	HR	All
SERVICE/SALE BUILD-UP IAS	Icom Systems general Radio/Mainframe support - per hour	$ 171.42	HR	Landmobile Systems

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Product Catalog

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Product & Price Catalog

August 2023

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Contents

VHF Handhelds

M25

VHF Floating Handheld

SPECS _____

Output Power:	5W, 1W
Waterproof Rating:	IPX7 (submersible protection)
Frequencies:	Tx: 156.025–157.425MHz
	Rx: 156.050–163.275MHz
Usable Channel Groups:	INT, USA, CAN and WX
Type of Emission:	FM (16K0G3E)
Current Drain (at 3.7V DC):	Tx (High): 2.3A
	Rx (at AF max): 300mA/200mA
Weight:	7.8oz
Versions:	Marine blue
	Metallic black

FEATURES _____

Float 'n flash
USB charging
11 hours battery life
Large LCD with simple user interface (30% larger than M24)
550mW audio output
4-step battery life indicator
Dual/Tri-watch functions
Weather channel with weather alert
Instant access to Ch. 16 or programmable call channel
Auto scan function
Tag scan
Favorite channel functions
Monitor function opens noise squelch
LCD auto backlighting
AquaQuake draining function

COMES WITH _____

Battery charger (BC217SA)
Belt clip (MB133)
Antenna (FASC59V)
Hand strap
Owner's manual
Warranty: 3 years

IPX7

M25

VHF Floating Handheld

Configurations

Model	Description	MSRP
M25 BLACK 41 USA	5W floating marine VHF handheld in metallic black	$203.00
M25 BLUE 51 USA	5W floating marine VHF handheld in marine blue	$203.00

Accessories

Model	Description	MSRP
Antennas		
FASC59V	Standard antenna M25/M37/M93D/M92D	$24.00
Batteries		
BP282	1500mAh Li-ion battery for the M25	$54.00
Belt Clips		
MB133	Alligator type belt clip	$18.00
Chargers		
BC217SA	USB charger; 100-240V with a US style plug	$23.00
Microphones		
HM213	Waterproof floating speaker mic for M25	$126.00
Software & Cables		
OPC1655	Cloning cable adapter for M25/M36/M37/M93D/M94D	$50.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

M37

VHF Floating Handheld

SPECS _____

Output Power:	6W, 1W
Waterproof Rating:	IP57 rating
Frequencies:	Tx: 156.025-157.425MHz
	Rx: 156.050-163.275MHz
Usable Channel Groups:	INT, USA, CAN, WX
Type of Emission:	16K0G3E
Current Drain:	Tx (at 6.0W/1.0W output):
	2.5A/1.0A
	Rx (Max audio. Inter SP/Exter
	SP): 0.4A/0.2A
Weight:	10.3oz (with BP296)

FEATURES _____

700mW audio output
Channel history function stores the last five channels used for easy recall
Float'n Flash function
Low Battery Alert function
Voice Loud and Mute function enables to temporary maximize/mute the
     volume
AquaQuake™ function prevents audio degradation from a water-logged
     speaker
Dualwatch and Tri-Watch functions
Favorite Channel function
Instant access to channel 16 and the Call channel
Weather channels with Weather Alert function

COMES WITH _____

Battery pack (BP296)
Trickle charger (BC235)
AC adapter (BC217SA)
Belt clip (MB133)
Antenna (FASC59V)
Hand strap
Owner's manual
Warranty: 3 years

M37

VHF Floating Handheld

Configurations

Model	Description	MSRP
M37 31 USA	6W marine VHF floating handheld with battery, charger included	$299.00

Accessories

Model	Description	MSRP
Antennas		
FASC59V	Standard antenna M25/M37/M93D/M92D	$24.00
Batteries		
BP296	3.6V 2350mAh Li-Ion battery (M37)	$79.00
BP297	Alkaline case for M37 (3 x AAA)	$33.00
Belt Clips		
MB133	Alligator type belt clip	$18.00
Chargers		
BC217SA	USB charger; 100-240V with a US style plug	$23.00
BC235	Desktop trickle charger (requires BC217SA)	$23.00
BC238	6-unit gang charger for the M37	$459.00
Microphones		
HM213	Waterproof floating speaker mic for M25	$126.00
Software & Cables		
OPC1655	Cloning cable adapter for M25/M36/M37/M93D/M94D	$50.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

M73
VHF Submersible Handheld

SPECS _____

Output Power:	6W, 3W, 1W
Waterproof Rating:	IPX8 (submersible)
Frequencies:	Tx: 156.025-157.425MHz
	Rx: 156.050-163.275MHz
Usable Channel Groups:	INT, USA, CAN, WX
Type of Emission:	FM (16K0G3E)
Current Drain:	Tx (at 6W output): 1.5A
	Rx (Max.audio):
	450mA/250mA
Weight:	11.3oz (with BP245N)

FEATURES _____

Both Versions:
- Slim, hourglass body and wide viewing angle LCD
- IPX8 Submersible Plus™
- 700mW loud audio
- 6W RF output power
- AquaQuake™ water draining function
- Dual/Tri-Watch function for monitoring Channel 16 and/or call channel
- 4 level battery indicator
- Favorite channel and tag scan functions
- Auto power save function

Plus Version:
- Last call voice recording
- Bidirectional active noise cancelling

COMES WITH _____

Antenna (FAS64V)
Battery pack (BP245N)
Belt clip (MB103)
Cigarette lighter cable (CP25H)
Rapid charger (BC210)
Hand strap
Owner's manual
Warranty: 3 years

M73
VHF Submersible Handheld

Configurations

Model	Description	MSRP
M73 61 USA	6W IPX8 submersible handheld	$331.00
M73 PLUS 71 USA	6W IPX8 submersible handheld with built-in active noise cancelling and voice recording	$410.00

Accessories

Model	Description	MSRP
Antennas		
AD92SMA	Antenna connector adapter to connect a BNC-type antenna	$22.00
FAS64V	Standard antenna for the M72/M73 (4 17/32" or 115mm)	$18.00
Batteries		
BP245H	7.4V 2000mAh Li-Ion battery for M72/M73	$123.00
Belt Clips		
MB103	Alligator belt clip	$14.00
MB86	Swivel belt clip that screws into back of radio	$14.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Chargers		
AD129	Adapter cup for BC197 gang charger for M73	$28.00
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC210	Rapid charger for the BP-245 includes AC adapter with US plug	$84.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
OPC1392	Headset adapter to use with HS94/95/97 for the M73/M72/GM1600/M90	$81.00
Microphones		
HM167	Lightweight IPX8 waterproof speaker mic M73/GM1600/M92/M72	$131.00
HM202	Compact IPX7 waterproof speaker mic M73/M72	$139.00
Software & Cables		
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
OPC922	Cloning cable adapter for M72/M73/M92D	$68.00

M85

VHF Dual Band Handheld

SPECS _____

Output Power:
    Marine: 5W, 3W, 1W
    Land mobile: 2W, 1W
Waterproof Rating: IP67
Frequencies:
    Marine Tx: 156.025-157.425MHz
    Marine Rx: 156.050-163.275MHz
    LMR Tx/Rx: 136.000-174.000MHz
Usable Channel Groups: USA, INT,CAN, WX
                              100 LMR
Type of Emission:
    Marine   16K0G3E
    LMR   16K0F3E
                      11K0F3E
Current Drain: Tx (at 5W output): 1.5A
                      Rx (at AF max): 0.45A
Weight: 8.7oz

FEATURES _____

Compact and lightweight
Covers 136-174MHz land mobile frequency
Up to 100 programmable land mobile channels
700mW loud audio
Three emergency functions: MOB alarm, Man Down, and Lone Worker
Multi-function button allows user to change from marine to land mobile
    channels or use the scrambler function
Buil-in voice scrambler (32-code)
AquaQuake™
Internal VOX capability
Weather channel receiving
Priority scan
Dual/Tri-watch function for monitoring CH16 and/or call channels

COMES WITH _____

Battery pack (BP290)
Battery charger (BC227)
AC adapter (BC123SA)
Antenna (FAS58V)
Belt clip (MBB3)
Hand strap
Owner's manual
Warranty: 3 years

M85

VHF Dual Band Handheld

Configurations

Model	Description	MSRP
M85 21 USA	Marine VHF 5W handheld; 100 land mobile programmable channels (2W)	$494.00

Accessories

Model	Description	MSRP
Antennas		
FASC58V	Standard antenna M24/M34/M36/M85	$18.00
Batteries		
BP290	2010mAh li-ion battery	$112.00
BP291	Battery case 5 x AA	$53.00
BP294	3150mAh li-ion battery for the F52D/F62D/M85	$174.00
Belt Clips		
MB136	Swivel belt clip for F1000/F3400/F7010/F52D/M85 series	$16.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00
MBB3	Standard belt clip	$17.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Carrying Cases		
LCF1052S	Leather case with swivel belt loop and D-ring for the F52D	$52.00
NCF1052C	Nylon case for the F52D with a clip	$32.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC214-1	Six gang charger (includes AC adapter with US plug)	$541.00
BC214-1E	Six gang charger (includes AC adapter with Euro plug)	$541.00
BC225	Smart rapid charger; 100-240V with a US style plug	$142.00
BC226	Connectable rapid charger (connect up to 6). Requires AC adapter: BC123S for single use or BC228 for 2+	$80.00
BC227	Rapid charger that goes into trickle mode at a 80% charge (US Plug)	$72.00
BC228	AC adapter for connectable chargers (BC226 & BC202IP3)	$79.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
VS5MC	VOX/PTT switch cable to use with headset (HS94/95/97)	$161.00
Microphones		
HM184H	14-pin loud waterproof speaker mic (no accessory jack)	$126.00

M85
VHF Dual Band Handheld

Accessories

Model	Description	MSRP
HM222H	IP68 waterproof speaker microphone w/3.5mm accessory jack (14-pin connector)	$165.00
HM236	Compact waterproof speaker microphone	$133.00
HM-HD7I6WP	Large waterproof, high gain speaker microphone with 3.5mm accessory jack (14-pin connector)	$130.00
SP27	Acoustic tube earphone with a clip (3.5mm)	$38.00
SP29	Earhook type earphone with 3.5mm plug	$27.00
SP40	Earphone with 3.5mm plug	$32.00
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	$34.00

Miscellaneous

Model	Description	MSRP
AD118	14-pin ACC adapter to use with Hirose plug accessories	$86.00
AD135	3.5mm earphone jack adapter that plugs into a 14-pin connector	$45.00

Software & Cables

Model	Description	MSRP
RSBC225	Battery management software for the BP-283/284/BP290. Can connect up to 30 BC-225 chargers to it.	$263.00

Wire Kits

Model	Description	MSRP
EH15B	Earphone with 2.5mm plug to use with HM-163MC	$33.00
HM163MC	Lapel mic with 2.5mm earphone jack	$210.00
SP26	Tube earphone with 2.5mm plug to use with HM-163MC/HM-153LS	$27.00
SP28	Earhook type earphone with 2.5mm plug to use with HM-163MC/HM-153LS	$27.00
SP32	Tube adapter for use with the EH-15B	$32.00

M85UL

VHF Intrinsically Safe Marine Handheld

SPECS _____

Output Power:
    Marine: 5W, 3W, 1W
    Land mobile: 2W, 1W
Waterproof Rating: IP67
Frequencies:
    Marine Tx: 156.025-157.425MHz
    Marine Rx: 156.050-163.275MHz
    LMR Tx/Rx: 136.000-174.000MHz
Usable Channel Groups: USA, INT,CAN, WX
                            100 LMR
Type of Emission:
    Marine   16K0G3E
    LMR   16K0F3E
                            11K0F3E
Current Drain: Tx (at 5W output): 1.5A
                            Rx (at AF max): 0.45A
Weight: 8.7oz

FEATURES _____

Compact and lightweight
Covers 136-174MHz land mobile frequency
Up to 100 programmable land mobile channels
700mW loud audio
Three emergency functions: MOB alarm, Man Down, and Lone Worker
Multi-function button allows user to change from marine to land mobile
    channels or use the scrambler function
Buil-in voice scrambler (32-code)
AquaQuake™
Internal VOX capability
Weather channel receiving
Priority scan
Dual/Tri-watch function for monitoring CH16 and/or call channels
Intrinsically Safe: meets ANSI/TIA-4950-A, ANSI/UL 121201 requirements
    for:
    o   Intrinsically safe: Class I, Division 1, Groups C, D:
    o   Class II, Division 1, Groups E, F, G;
    o   Class III. T3C.
    o   Non-incendive: Class I, Division 2, Groups A, B, C, D

COMES WITH _____

Battery pack (BP292IS)
Battery charger (BC227)
AC adapter (BC123SA)
Antenna (FAS58V)
Belt clip (MBB3)
Hand strap
Owner's manual
Warranty: 3 years

M85UL

VHF Intrinsically Safe Marine Handheld

Configurations

Model	Description	MSRP
M85UL 31 USA	Intrinsically safe marine VHF 5W handheld; 100 land mobile programmable channels (2W)	$641.00

Accessories

Model	Description	MSRP
Antennas		
FASC58V	Standard antenna M24/M34/M36/M85	$18.00
Batteries		
BP292UL	2010mAh li-ion intrinsically safe battery	$289.00
Belt Clips		
MB136	Swivel belt clip for F1000/F3400/F7010/F52D/M85 series	$16.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00
MBB3	Standard belt clip	$17.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Carrying Cases		
LCF1052S	Leather case with swivel belt loop and D-ring for the F52D	$52.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC214-1	Six gang charger (includes AC adapter with US plug)	$541.00
BC214-1E	Six gang charger (includes AC adapter with Euro plug)	$541.00
BC226	Connectable rapid charger (connect up to 6). Requires AC adapter: BC123S for single use or BC228 for 2+	$80.00
BC227	Rapid charger that goes into trickle mode at a 80% charge (US Plug)	$72.00
BC228	AC adapter for connectable chargers (BC226 & BC202IP3)	$79.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
Microphones		
HM184UL	14-pin intrinsically safe approved waterproof speaker mic (no accessory jack)	$158.00
Software & Cables		
RSBC225	Battery management software for the BP-283/284/BP290. Can connect up to 30 BC-225 chargers to it.	$263.00

M94D

VHF AIS Handheld

SPECS _____

Output Power:	6W
Waterproof Rating:	IPX7
Frequencies:	Tx: 156.025-157.425 MHz
	Rx: 156.050-163.275 MHz
Usable Channel Groups:	INT, USA, CAN, WX
Type of Emission:	FM (16K0G3E)
	DSC (16K0G2B)
	AIS (16K0GXW)
Current Drain:	Tx (6W/1W output):
	1500mA/700mA
	Rx (Inter SP/Exter SP Max
	audio): 700mA/350mA
Weight:	12.6 oz (with BP306 and
	antenna)

FEATURES _____

Built-in AIS and DSC
Simplified navigation system
Up to 50 plottable waypoints
Up to 10 hours of battery life
Active noise cancelling technology
Float'n Flash
Aquaquake™ draining function
Dualwatch and Tri-watch functions
Supports 4-digit channels
Weather channel receive
Favorite 4-digit channels

COMES WITH _____

Antenna (FASC59V)
Battery pack (BP306)
Battery charger (BC251)
AC adapter (BC242)
Belt Clip (MB-133)
Hand strap

IPX7   Meets MIL-STD 810

M94D
VHF AIS Handheld

Configurations

Model	Description	MSRP
M94D 21 USA	6 Watt VHF transceiver with built-in AIS & DSC.	$510.00

Accessories

Model	Description	MSRP
Antennas		
FASC59V	Standard antenna M25/M37/M93D/M92D	$24.00
Batteries		
BP306	Battery pack for the M94D	$126.00
Belt Clips		
MB133	Alligator type belt clip	$18.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC242	AC adapter	$26.00
BC251	Rapid charger for the BP306	$68.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
CP25H	Cigarette lighter cable to use with the BC-202IP3L rapid charger	$29.00
Microphones		
HM165	Waterproof speaker mic for M34/M36/M93D/M94D	$118.00
HM228	Compact IPX7 speaker mic for M93D/M94D/IP110H	$103.00
Software & Cables		
OPC1655	Cloning cable adapter for M25/M36/M37/M93D/M94D	$50.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

VHF Fixed Mount

M330 – M330G

VHF Fixed Mount

SPECS _____

Output Power:	25W, 1W (High, low)
Waterproof Rating:	IPX7 (Waterproof protection)
Frequencies:	Tx: 156.025–161.600MHz
	Rx: 156.050–163.275MHz
	Ch70: 156.525MHz
Usable Channel Groups:	USA, CAN, INT and WX
Type of Emission:	FM (16K0G3E)
	DSC (16K0G2B)
Current Drain:	Tx (at 25W output): 5A
	Rx (AF max): 1A
Weight:	730g; 1.6lb
Versions:	Black or super white
	GPS or non GPS

FEATURES _____

Built-in GPS receiver with a supplied GPS antenna (G version)
Built-in Class D DSC with CH70 dedicated receiver
Intuitive user interface
Common NMEA interface for external GPS/NAV connection
MA-500TR Class B AIS transponder compatible
Tag scan and favorite channel functions
Dual/tri-watch function for monitoring CH16 and/or call channel
Priority scan function
Display and keypad backlighting
External speaker connection
AquaQuake™ draining function

COMES WITH _____

Hand microphone (HM235B/W)
DC power cable
Mounting bracket kit
Owner's manual
Warranty: 3 years

IPX7

M330 – M330G
VHF Fixed Mount

Configurations

Model	Description	MSRP
M330 BLACK	Black marine compact VHF fixed mount	$319.00
M330 WHITE	White marine compact VHF fixed mount	$319.00
M330G BLACK	Black marine compact VHF fixed mount with built-in GPS receiver and supplied GPS antenna	$347.00
M330G WHITE	Super white marine compact VHF fixed mount with built-in GPS receiver and supplied GPS antenna	$347.00

Accessories

Model	Description	MSRP
Microphones		
HM235B	Black microphone for M330	$59.00
HM235W	White microphone for M330	$59.00
Mounting Hardware		
MBF5	Flush mount kit for M330 series	$35.00
Navigation		
MA510TR 13	AIS transponder with GPS navigation function, and NMEA 2000 connectivity.	$1,418.00
Software & Cables		

M400BB

VHF Fixed Mount

SPECS _____

Output Power:	25W, 1W
Waterproof Rating:	IPX7 (submersible)
Frequencies:	Tx: 156.025–157.425MHz
	Rx: 156.050–163.275MHz
	Ch. 70: 156.525MHz
Usable Channel Groups:	USA, INT, CAN, WX
Type of Emission:	FM (16K0G3E)
	DSC (16K0G2B)
Current Drain:	Tx (at 25W output): 5.5A
	Rx (Max audio): 3.5A
Weight:	1.83lb (M400BB)
	14.1oz (HM195B/SW)

FEATURES _____

Space-saving, two-piece configuration
New intuitive user interface
Active noise cancelling
10W loud audio, public address and foghorn
Built-in class D DSC
Common NMEA interface
AIS target call with MA-500TR
MarineCommander™ compatible
AquaQuake™ water draining function
Dual/tri-watch function for monitoring Ch.16 and/or call channel

COMES WITH _____

Commandmic (HM195B/SW)
DC Power cable
Owner's manual
Warranty: 3 years

IPX7

M400BB
VHF Fixed Mount

Configurations

Model	Description	MSRP
M400BB	Black box marine VHF fixed mount with black Command Mic	$626.00
M400BB SW	Black box marine VHF fixed mount with white Command Mic	$626.00

Accessories

Model	Description	MSRP
External Speakers		
SP37	30W hailer/speaker for fixed mounts; 4 ohm, extra UV protecting, all stainless steel hardware, heavy duty mounting bracket	$76.00
Microphones		
HM195B 41 EXP	CommandMic IV with yellow backlit LCD in black	$269.00
HM195GB 61 EXP	CommandMic IV with white backlit LCD in black	$269.00
HM195GW 62 EXP	CommandMic IV with white backlit LCD in super white	$269.00
HM195SW 42 EXP	Command Mic IV with yellow backlit LCD in super white	$269.00
OPC1541	6.1m/20ft extension cable to use with the COMMANDMIC III/IV with the OPC1540. Up to 2 OPC-1541 can be connected.	$81.00
Navigation		
MA510TR 13	AIS transponder with GPS navigation function, and NMEA 2000 connectivity.	$1,418.00
Software & Cables		
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
OPC980	Cloning cable adapter for M424/M504/M604/M510	$40.00

M4100BB & M510BB

VHF Fixed Mount

SPECS _____

Output Power:	25W, 1W
Waterproof Rating:	IPX7 (submersible)
Frequencies:	Tx: 156.025–157.425MHz
	Rx: 156.050–163.275MHz
	DSC (CH70): 15.525 MHz
	AIS: 161.975, 162.025 MHz
Usable Channel Groups:	USA, CAN, INT, WX channels
Type of Emission:	16K0G3E (FM), 16K0G2B DSC),
	16K0GXW (AIS*)
Current Drain:	Tx: 5.5A
	Rx: 1.5A (One-CommandMic™)
	4.0A (Two CommandMic and RX hailer)
	4.5A (Three CommandMic and RX hailer)
Weight:	1.9 lbs (M4100BB)
	2 lbs (M510BB)

* Only on the M510BB

FEATURES _____

Remote CommandMic stations: up to two (M410BB) or three (M510BB)
CommandMic intercom function
Class D DSC
NMEA 0183® -HS
NMEA 2000®
One-way RX hailer and foghorn function
Active noise cancelling
Anchor watch function
AquaQuake™Anchor watch function
AquaQuake™

COMES WITH _____

CommandMic (HM-195GB/GW)
Connection cable (OPC-1540, 6.1 m, 20 ft)
Connector cap
DC power cable
Microphone hanger
Mounting base
Warranty: 3 years

M510BB ADDITIONAL FEATURES

AIS receive
DSC remote control (EN 300 338-8 compatible)
Voice recording function

IPX7

M4100BB & M510BB

VHF Fixed Mount

Configurations

Model	Description	MSRP
M410BB 11 USA	Black box marine VHF fixed mount with black HM-195GB and two CommandMic ports.	$1,029.00
M410BB GW 11 USA	Black box marine VHF fixed mount with white HM-195GW and two CommandMic ports.	$1,029.00
M510BB 21 USA	Black box marine VHF fixed mount with AIS, black HM-195GB, and three CommandMic ports	$1,249.00
M510BB GW 21 USA	Black box marine VHF fixed mount with AIS, white HM-195GW, and three CommandMic ports	$1,249.00

Accessories

Model	Description	MSRP
Antennas		
UX241	GPS antenna	$59.00
External Speakers		
SP37	30W hailer/speaker for fixed mounts; 4 ohm, extra UV protecting, all stainless steel hardware, heavy duty mounting bracket	$76.00
Microphones		
HM195B 41 EXP	CommandMic IV with yellow backlit LCD in black	$269.00
HM195GB 61 EXP	CommandMic IV with white backlit LCD in black	$269.00
HM195GW 62 EXP	CommandMic IV with white backlit LCD in super white	$269.00
HM195SW 42 EXP	Command Mic IV with yellow backlit LCD in super white	$269.00
OPC1540	6.1m/20ft connection cable to use with the COMMANDMIC III/IV (mounting hardware required)	$95.00
OPC1541	6.1m/20ft extension cable to use with the COMMANDMIC III/IV with the OPC1540. Up to 2 OPC-1541 can be connected.	$81.00
Navigation		
MA510TR 13	AIS transponder with GPS navigation function, and NMEA 2000 connectivity.	$1,418.00

M424G

VHF GPS Fixed Mount

SPECS _____

Output Power:	25W, 1W
Waterproof Rating:	IPX7 (submersible protection)
Frequencies:	Tx: 156.025–157.425MHz
	Rx: 156.050–163.275MHz
Usable Channel Groups:	USA, CAN, INT, WX
Type of Emission:	FM (16K0G3E)
	DSC (16K0G2B)
Current Drain:	Tx 25W output: 5.5A
	Rx AF Max
	External SP: 5.0A
	Internal SP: 1.5A
Weight:	2.65lb

FEATURES _____

Built-in GPS
Active noise canceling
10W loud audio, public address and foghorn
Built-in class D DSC
Optional COMMANDMICIV™ HM195B/SW or HM195GB/GSW
Common GPS/NAV interface
MarineCommander™ compatible
MA-500TR AIS transponder compatible
AquaQuake™ water draining function
Weather channel with alert function
Dualwatch and Tri-watch functions for monitoring Ch.16 and/or call channel
Priority and normal scan
Built-in attenuator for local communication

COMES WITH _____

Hand microphone (HM-205)
DC power cable
Mounting bracket kit
Owner's manual
Warranty: 3 years

IPX7

M424G

VHF GPS Fixed Mount

Configurations

Model	Description	MSRP
M424G BLACK	Black fixed mount	$499.00
M424G WHITE	Super white fixed mount	$499.00

Accessories

Model	Description	MSRP
External Speakers		
SP24	External speaker (4x4") for marine fixed mount radios (7W)	$61.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
SP37	30W hailer/speaker for fixed mounts; 4 ohm, extra UV protecting, all stainless steel hardware, heavy duty mounting bracket	$76.00
Microphones		
HM195B 41 EXP	CommandMic IV with yellow backlit LCD in black	$269.00
HM195GB 61 EXP	CommandMic IV with white backlit LCD in black	$269.00
HM195GW 62 EXP	CommandMic IV with white backlit LCD in super white	$269.00
HM195SW 42 EXP	Command Mic IV with yellow backlit LCD in super white	$269.00
HM196B	Standard hand microphone for M424 and works with the M424G	$89.00
HM196SW	Standard hand microphone for M424 and works with the M424G	$89.00
HM205B	Speaker microphone M424G/M506	$91.00
OPC1540	6.1m/20ft connection cable to use with the COMMANDMIC III/IV (mounting hardware required)	$95.00
OPC1541	6.1m/20ft extension cable to use with the COMMANDMIC III/IV with the OPC1540. Up to 2 OPC-1541 can be connected.	$81.00
Mounting Hardware		
MB132	Flush mount kit for M324/M424G/MA510TR	$42.00
Navigation		
MA510TR 13	AIS transponder with GPS navigation function, and NMEA 2000 connectivity.	$1,418.00
Software & Cables		
CSM92D/M424	Programming software for M92D & M424	$100.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
OPC980	Cloning cable adapter for M424/M504/M604/M510	$40.00

M510

VHF Fixed Mount

SPECS _____

Output Power:	25W or 1W (at 13.8V DC)
Waterproof Rating:	IPX8
Frequencies:	Tx: 156.025–157.425MHz
	Rx: 156.050–163.275MHz
	DSC: 156.525MHz
	AIS1, 2: 161.975, 162.025
Usable Channels:	USA, INT, CAN, and WX
Type of Emission:	16K0G3E (FM),
	16K0G2B (DSC)
	16K0GXW (AIS)*
Current Drain:	Tx 25W output: 5.0A
	Rx Max. audio: 3.3 A
	Rx AF Max External SP
Weight	1.6 lb without hand microphone
Versions	Radio without AIS receiver
	Radio with AIS receiver

*AIS version only

FEATURES _____

Optional CT-M500 with NMEA 2000™
Optional 25W two-way hailer/foghorn use with CT-M500
Remote radio control/intercom with smart devices via RS-M500
MMSI reset dongle
Internal GPS built-in, option to use external GPS
Slim 2.1 in depth design
Active noise cancelling
Full color, 3.5 in TFT LCD display
Wide viewing angle
Simplified navigation function with waypoints/AIS targets

COMES WITH _____

Hand microphone (HM205-RB)
DC power cable
Mounting bracket kit
Microphone hanger

IPX8

M510
VHF Fixed Mount

Configurations

Model	Description	MSRP
M510 11 USA	VHF fixed mount; class D DSC, no AIS	$1,048.00
M510 PLUS 21 USA	VHF fixed mount; class D DSC, with AIS	$1,206.00

Accessories

Model	Description	MSRP
Antennas		
UX241	GPS antenna	$59.00
Encryption & Internal Modules		
UT112	Digital voice scrambling unit - 32 Codes	$171.00
External Speakers		
SP37	30W hailer/speaker for fixed mounts; 4 ohm, extra UV protecting, all stainless steel hardware, heavy duty mounting bracket	$76.00
Microphones		
HM195B 41 EXP	CommandMic IV with yellow backlit LCD in black	$269.00
HM195GB 61 EXP	CommandMic IV with white backlit LCD in black	$269.00
HM195GW 62 EXP	CommandMic IV with white backlit LCD in super white	$269.00
HM195SW 42 EXP	Command Mic IV with yellow backlit LCD in super white	$269.00
HM205RB	Speaker microphone for M506 rear connector & M605	$121.00
OPC1000	6.1m/20ft connection cable to use with the HM126RB/RG/HM205RB/HM157 (mounting hardware included)	$86.00
OPC1540	6.1m/20ft connection cable to use with the COMMANDMIC III/IV (mounting hardware required)	$95.00
OPC1541	6.1m/20ft extension cable to use with the COMMANDMIC III/IV with the OPC1540. Up to 2 OPC-1541 can be connected.	$81.00
Miscellaneous		
CTM500 11	Wireless interface box for the M510. NMEA 2000™ built-in, hailer/PA function compatible.	$278.00
MBZ1	Screen cover for the M510	$25.00
Mounting Hardware		
MBF7	Flush mount kit for the M510	$53.00
Navigation		
MA510TR 13	AIS transponder with GPS navigation function, and NMEA 2000 connectivity.	$1,418.00
Software & Cables		
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
OPC980	Cloning cable adapter for M424/M504/M604/M510	$40.00

M605

VHF Fixed Mount

SPECS _____

Output Power:	25W, 1W
Waterproof Rating:	IPX8
Frequencies:	Tx: 156.025–161.600 MHz
	Rx: 156.025–162.000 MHz
	CH70: 156.525 MHz
	Ais1, 2: 161.975, 162.025 MHz
Usable Channel Groups:	USA, CAN, INT and WX
Type of Emission:	16K0G3E (FM), 16K0G2B (DSC)
Current drain:	Tx (at 25W output): 6.0A
	Rx (Maximum audio): 8.0A
Weight:	3.30lb
Versions:	Radio without AIS receiver
	Radio with AIS receiver

FEATURES _____

30W listen back hailer
Built-in horn/foghorn
GNSS antenna included
Configuration flexibility
- o M605 + three COMMANDMICS
- o M605 + two COMMANDMICS + one Command Head
- o M605 + two Command Heads + one COMMANDMIC
4.3" wide color TFT LCD
Night mode ensures readability in dark places
Intuitive user interface
NMEA2000™ and NMEA0183 connectivity
Class D DSC
Active noise cancelling
Last call voice recording

COMES WITH _____

Radio
Hand microphone (HM-205RB)
GNSS antenna (UX-241)
PC power cable
Mounting bracket kit
Warranty: 3 years

IPX8

M605

VHF Fixed Mount

Configurations

Model	Description	MSRP
M605 31 USA	VHF fixed mount with color display and rear mic connector	$1,286.00
M605 41 USA	VHF fixed mount with AIS, color display, and rear mic connector	$1,607.00

Accessories

Model	Description	MSRP
Antennas		
UX241	GPS antenna	$59.00
Command Head		
OPC2377	32.8ft extension cable for RC-M600	$97.00
RCM600	Command head for M605. Comes with OPC-2383 & HM-205RB.	$683.00
Encryption & Internal Modules		
UT112	Digital voice scrambling unit - 32 Codes	$171.00
External Speakers		
SP24	External speaker (4x4") for marine fixed mount radios (7W)	$61.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
SP37	30W hailer/speaker for fixed mounts; 4 ohm, extra UV protecting, all stainless steel hardware, heavy duty mounting bracket	$76.00
Microphones		
HM195B 41 EXP	CommandMic IV with yellow backlit LCD in black	$269.00
HM195GB 61 EXP	CommandMic IV with white backlit LCD in black	$269.00
HM195GW 62 EXP	CommandMic IV with white backlit LCD in super white	$269.00
HM195SW 42 EXP	Command Mic IV with yellow backlit LCD in super white	$269.00
HM205RB	Speaker microphone for M506 rear connector & M605	$121.00
OPC1000	6.1m/20ft connection cable to use with the HM126RB/RG/HM205RB/HM157 (mounting hardware included)	$86.00
OPC1540	6.1m/20ft connection cable to use with the COMMANDMIC III/IV (mounting hardware required)	$95.00
OPC1541	6.1m/20ft extension cable to use with the COMMANDMIC III/IV with the OPC1540. Up to 2 OPC-1541 can be connected.	$81.00
OPC2384	12-pin to 8-pin conversion cable to connect HM195 to M605 (1 cable required per HM195)	$54.00
OPC999	20ft extension cable to connect COMMANDMIC II or HM-205RB to the OPC1000 and radio. Connect up to two HM205RB with M506 or one with M605.	$59.00
Miscellaneous		
UX251	AIS receiver unit for the M605	$268.00
Mounting Hardware		
MB75	Flush mount kit for mounting controller or speaker to a panel for M506/M605/M802/M504/M604/MA510TR/M502/M602	$42.00
Navigation		
MA510TR 13	AIS transponder with GPS navigation function, and NMEA 2000 connectivity.	$1,418.00

M605

VHF Fixed Mount

Accessories

Model	Description	MSRP
Software & Cables		
OPC2382	Conversion cable to program M605 (links OPC478UC to M605)	$29.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

HM195/G

COMMANDMIC™ IV Remote-Control Microphone

HM195B/SW – Orange backlighting

HM195GB/GW – White backlighting

Total control of all communications and Class D DSC functions.

Menu system provides easy and intuitive operation.

The bottom line of the dot-matrix display shows the software key functions, which can be toggled with the left and right buttons.

The directional keypad allows you to perform various operations and settings

IPX7 Submersible rating

Superior audio performance

AquaQuake™

Size (W × H × D): 2.66 × 5.69 × 1.46 in.

Weight (approx.; except cables): 14.1 oz

Supplied accessories:

- 20ft connection cable (OPC-1540)
- Mounting hardware for OPC-1540
    - Connector cap (part#8930069360)
    - Five screws (part#8810010710)
    - C-plate (part#8930069220)
    - Mic hanger (part#8950006870)

Configurations

Model	Description	MSRP
HM195GB 61 EXP	CommandMic IV with white backlit LCD in black	$269.00
HM195GW 62 EXP	CommandMic IV with white backlit LCD in super white	$269.00
HM195B 41 EXP	CommandMic IV with yellow backlit LCD in black	$269.00
HM195SW 42 EXP	Command Mic IV with yellow backlit LCD in super white	$269.00

Accessories

Model	Description	MSRP
Microphones		
OPC1540	6.1m/20ft connection cable to use with the COMMANDMIC III/IV (mounting hardware required)	$95.00
OPC1541	6.1m/20ft extension cable to use with the COMMANDMIC III/IV with the OPC1540. Up to 2 OPC-1541 can be connected.	$81.00
OPC2384	12-pin to 8-pin conversion cable to connect HM195 to M605 (1 cable required per HM195)	$54.00

SSB

M803

HF Marine SSB

SPECS _____

Frequencies:
Tx:	1.6–2.9999, 4.0–4.9999, 6.0–6.9999, 8.0–8.9999, 12.0–13.9999, 16.0–17.9999, 18.0–19.9999, 22.0–22.9999, 25.0– 27.5000MHz
Rx:	0.5–29.9999MHz (continuous)
DSC:	2.1875, 4.2075, 6.3120, 8.4145, 12.5770, 16.8045MHz

Mode:
Tx/Rx:	J3E (USB, LSB), J2B (AFSK), F1B (FSK), A1A (CW), H3E´ (AM) (´ H3E receive only)
DSC:	J2B

Current drain (at 13.6 V DC):
Receive:	Less than 3.0 A (Maximum audio output)
Transmit:	30 A (Maximum output power)

Weight:
Main unit	9.7lb
Controller	1.7lb

FEATURES _____

Emergency distress button
Intuitive user interface
Large main dial and software keys at the bottom of the display, provide simple operation and easy access to often used functions
4.3" wide color TFT display
Night mode display
Integrated GPS receiver includes GPS, GLONASS, and SBAS function
Two minute instant replay function
Advance RF direct sampling system
HF e-mail ready
IPX7 waterproof remote controller
NMEA 0183 version 4.10 data input/output (4800-38400bps)

COMES WITH _____

Remote controller
PC power cable
Remote control cable
GPS antenna (16.4ft)
Microphone (HM214H)
Mounting bracket kits
ACC plugs & spare fuses
Owner's manual
Warranty: 2 years

M803
HF Marine SSB

Configurations

Model	Description	MSRP
M803	150W advanced SSB with Class E DSC MF/HF certification	$4,043.00

Accessories

Model	Description	MSRP
Antenna Tuners		
AT140	HF automatic antenna tuner	$767.00
MN100	Antenna matcher. Matches the transceiver to a dipole antenna. Covers all HF bands from 1.5 to 30MHz. Two 8m antenna wires come standard.	$509.00
MN100L	Antenna matcher. Matches the transceiver to a long wire antenna. Covers all HF bands from 1.5 to 30mhz. One 15m antenna comes standard.	$483.00
OPC1465	32.8ft shielded control cable from AT140 to M803	$92.00
Antennas		
AH710	Folded dipole antenna with an SO-239 connector. Covers 1.9 to 30MHz band. Length is approx 80.3ft.	$525.00
External Speakers		
SP24	External speaker (4x4") for marine fixed mount radios (7W)	$61.00
Microphones		
HM214H	Hand microphone for GM800 & M803	$101.00
Mounting Hardware		
MB75	Flush mount kit for mounting controller or speaker to a panel for M506/M605/M802/M504/M604/MA510TR/M502/M602	$42.00
Software & Cables		
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

GMDSS

GM1600

Survival Craft VHF Handheld

SPECS _____

Output Power:	2W, 1W
Frequencies:	156.300-156.875MHz
	Rx: 156.050-163.275MHz
Type of Emission:	FM (16K0G3E)
Current Drain:	Tx 2W output: 1.0A
	1W output: 0.7A
	Rx AF max: 200mA
Weight:	13.6oz (with BP234)

FEATURES _____

Meets the strict environmental requirements for survival craft radio
High capacity Lithium battery, BP234, has superior low temperature
Large keypad with positive button action
Wide viewing angle LCD display
One touch access to Channel 16 and call channel
Highly visible yellow colored body
Bright LED indicator on the top of panel
Optional VOX headset for on-board use

COMES WITH _____

GM1600DU 71 USA:
Battery pack (BP252)
Battery pack (BP234)
Battery charger (BC173)
AC adapter (BC147SA)
Belt clip (MB103Y)
Antenna (FAS61V)
Neck strap
Owner's manual
Warranty: 3 years

GM1600SC 71 USA:
Battery pack (BP234)
Belt clip (MB103Y)
Antenna (FAS61V)
Neck strap
Owner's manual
Warranty: 3 years

GM1600
Survival Craft VHF Handheld

Configurations

Model	Description	MSRP
GM1600SC 71 USA	GMDSS VHF handheld for survival crafts; radio plus BP-234 lithium battery	$1,050.00
GM1600DU 71 USA	GMDSS VHF handheld for survival crafts; includes li-ion battery/charger plus the BP-234 battery. Surface shipping only.	$1,145.00

Accessories

Model	Description	MSRP
Antennas		
FAS61V	Standard antenna for GM1600	$18.00
Batteries		
BP234	9.0V 3300mAh lithium battery pack GM1600. FedEx ground shipping only. No shipments to HI or AK.	$268.00
BP252	7.4V 980mAh Li-Ion battery (M36/M34/GM1600)	$78.00
Belt Clips		
MB103Y	Yellow alligator belt clip for the GM1600	$16.00
MB86	Swivel belt clip that screws into back of radio	$14.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Chargers		
AD109	Adapter cup fits the BC119N/BC121N and charges the BP224 (M90/GM1600)	$19.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC147SA	AC adapter for trickle chargers; 100-240V with a US style plug	$23.00
BC147SE 15	AC adapter for trickle chargers; 230V with a Euro style plug	$17.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC173 01	Desktop trickle charger (M34/M36/GM1600/BP224) requires BC-147S	$32.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
OPC1392	Headset adapter to use with HS94/95/97 for the M73/M72/GM1600/M90	$81.00
Microphones		
HM167	Lightweight IPX8 waterproof speaker mic M73/GM1600/M92/M72	$131.00
Software & Cables		
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

AIS & Radars

MA510TR

Class B AIS Transponder

SPECS _____

Output Power:	2W
Waterproof Rating:	IPX7
Frequencies:	161.500-162.025MHz
Type of Emission:	16K0G2B
Weight:	1.5lb
DATA Interface:	
USB (Type-B Mini):	GGA, GNS, GLL, GSA, GSV, RMC, VTG, VDM, VDO, ACA, ACS, ALR, TXT
NMEA 2000™	
Input:	059392 /904, 060160 /416 /928, 065240, 126208 /996, 129026 /029 /545
Output:	059392 /904,060416 /928,126208 /464 /993 /996 /998, 129026 /029 /038 /039 /040 /041 /539 /540 /545 /792 /793 /794 /797 /798 /801 /802 /803 /805 /806 /807 /809 /810 /811
NMEA 0183	
Input/Output	4800–38400 bps; Sentence Format: GGA, GNS, GLL, GSA*1, GSV*1, RMC, VTG, GBS, DTM, DSC
External GPS Input:	4800–38400 bps, Sentence format: GGA, GNS, GLL, RMC, VTG, GBS*2, DTM
AIS Output:	38400 bps, Sentence format: VDM, VDO, ACA, ACS, ALR, TXT

*1 Only 38400 bps.
*2 When a received GPS signal does not include a GBS sentence, the transponder will not receive the signal from the external GPS receiver

FEATURES _____

Class B AIS transponder, receives both A & B signals
Large 4.3" Color TFT LCD Display
Night Screen mode
Wide angle viewing
NMEA 2000™, 0183/-HS connectivity
Built-in simple navigation function
100 waypoint memory
Friend/danger nav function
Silent mode
Individual DSC call
USB connectivity
Multi-lingual user interface
12V and 24V
Collison alarm function
Anchor watch alarm
Man over board (MOB) function, assignable MOB waypoint

COMES WITH _____

Speaker Microphone
GPS Antenna Unit

MA510TR
Class B AIS Transponder

Configurations

Model	Description	MSRP
MA510TR 13	AIS transponder with GPS navigation function, and NMEA 2000 connectivity.	$1,418.00

Accessories

Model	Description	MSRP
Mounting Hardware		
MB132	Flush mount kit for M324/M424G/MA510TR	$42.00
MB75	Flush mount kit for mounting controller or speaker to a panel for M506/M605/M802/M504/M604/MA510TR/M502/M602	$42.00

MR-1010R2

Marine Radar

SPECS _____

Display Type:	10.4-inch Color TFT LCD
Resolution:	480 x 640 dots
Type of Emission:	16K0G3E (FM)
Minimum Range:	25m; 82ft (at 1/8 NM range)
Maximum Range:	36 NM

FEATURES _____

Connect to a DSC radio to use the DSC information function

Connect to an external AIS device to use the AIS overlay function

Large color display with an approximate 176° viewing angle

Color RFT LCD (480x640 dots) display offers bright vivid echos with 16
   steps gradient intensity

Easily adjust the screen color (day, night and user settings) with the
   "BRILL" button

Language setting is selectable from English, Indonesian, Korean, Spanish,
   Thai and Vietnamese

Simplified ARPA function helps prevent collision risk with other vessels or
   objects

TLL (Target Latitude Longitude) function

True trail function

10.2-42V wide DC input to prevent over voltage damage

Two user programmable alarm zones

Optional video output unit

MR-1010R2
Marine Radar

Configurations

Model	Description	MSRP
MR1010R2 13	Marine radar, 4kW, color LCD - US version	$4,399.00

Accessories

Model	Description	MSRP
Miscellaneous		
UX252	Analog TCG output for the MR1010RII	$294.00

Discontinued Radios

M93D

VHF Marine Transceiver are discontinued and no longer available from Icom. Icom does still sell the below compatible accessories.

Accessories

Model	Description	MSRP
Antennas		
FASC59V	Standard antenna M25/M37/M93D/M92D	$24.00
Batteries		
BP285	Li-ion 7.2V 1570mAh (typical), 1485mAh (minimum) battery for M93D	$118.00
Belt Clips		
MB133	Alligator type belt clip	$18.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC214 14	Gang charger for the M93D. Includes the BC157.	$541.00
BC220	Rapid charger for the M93D, charging cable sold separately.	$69.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
Microphones		
HM165	Waterproof speaker mic for M34/M36/M93D/M94D	$118.00
HM228	Compact IPX7 speaker mic for M93D/M94D/IP110H	$103.00
Software & Cables		
OPC1655	Cloning cable adapter for M25/M36/M37/M93D/M94D	$50.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

M36

The M36 VHF Marine Transceivers are discontinued and no longer available from Icom. Icom does still sell the below compatible accessories

Accessories

Model	Description	MSRP
Antennas		
FASC58V	Standard antenna M24/M34/M36/M85	$18.00
Batteries		
BP251	Alkaline case for M34/M36 (5 x AAA)	$41.00
BP252	7.4V 980mAh Li-Ion battery (M36/M34/GM1600)	$78.00
Belt Clips		
MB109	Belt clip for the M34/M36/M92D	$11.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Chargers		
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC147SA	AC adapter for trickle chargers; 100-240V with a US style plug	$23.00
BC147SE 15	AC adapter for trickle chargers; 230V with a Euro style plug	$17.00
BC173 01	Desktop trickle charger (M34/M36/GM1600/BP224) requires BC-147S	$32.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
Microphones		
HM165	Waterproof speaker mic for M34/M36/M93D/M94D	$118.00
Software & Cables		
OPC1655	Cloning cable adapter for M25/M36/M37/M93D/M94D	$50.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

M604

The M604 VHF Marine Transceivers are discontinued and no longer available from Icom. Icom does still sell the below compatible accessories.

Configurations

Model	Description	MSRP
M605 31 USA	VHF fixed mount with color display and rear mic connector	$1,286.00
M605 41 USA	VHF fixed mount with AIS, color display, and rear mic connector	$1,607.00

Accessories

Model	Description	MSRP
Antennas		
UX241	GPS antenna	$59.00
Cables		
OPC1174	M602/M604 DC power cord	$15.00
Command Head		
OPC2377	32.8ft extension cable for RC-M600	$97.00
RCM600	Command head for M605. Comes with OPC-2383 & HM-205RB.	$683.00
Encryption & Internal Modules		
UT112	Digital voice scrambling unit - 32 Codes	$171.00
External Speakers		
SP24	External speaker (4x4") for marine fixed mount radios (7W)	$61.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
SP37	30W hailer/speaker for fixed mounts; 4 ohm, extra UV protecting, all stainless steel hardware, heavy duty mounting bracket	$76.00
Microphones		
HM126RB	Standard black rear mount mic for M504/M604	$116.00
HM195B 41 EXP	CommandMic IV with yellow backlit LCD in black	$269.00
HM195GB 61 EXP	CommandMic IV with white backlit LCD in black	$269.00
HM195GW 62 EXP	CommandMic IV with white backlit LCD in super white	$269.00
HM195SW 42 EXP	Command Mic IV with yellow backlit LCD in super white	$269.00
HM205RB	Speaker microphone for M506 rear connector & M605	$121.00
OPC1000	6.1m/20ft connection cable to use with the HM126RB/RG/HM205RB/HM157 (mounting hardware included)	$86.00
OPC1540	6.1m/20ft connection cable to use with the COMMANDMIC III/IV (mounting hardware required)	$95.00
OPC1541	6.1m/20ft extension cable to use with the COMMANDMIC III/IV with the OPC1540. Up to 2 OPC-1541 can be connected.	$81.00
OPC2384	12-pin to 8-pin conversion cable to connect HM195 to M605 (1 cable required per HM195)	$54.00
OPC999	20ft extension cable to connect COMMANDMIC II or HM-205RB to the OPC1000 and radio. Connect up to two HM205RB with M506 or one with M605.	$59.00
Miscellaneous		
UX251	AIS receiver unit for the M605	$268.00
Mounting Hardware		
M602 MMB	Black mounting bracket M602 01	$30.00

Accessories

Model	Description	MSRP
MB75	Flush mount kit for mounting controller or speaker to a panel for M506/M605/M802/M504/M604/MA510TR/M502/M602	$42.00

Navigation

Model	Description	MSRP
MA510TR 13	AIS transponder with GPS navigation function, and NMEA 2000 connectivity.	$1,418.00

Software & Cables

Model	Description	MSRP
OPC2382	Conversion cable to program M605 (links OPC478UC to M605)	$29.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
OPC980	Cloning cable adapter for M424/M504/M604/M510	$40.00

M802

HF Marine Transceiver are discontinued and no longer available from Icom. Icom does still sell the below compatible accessories.

Accessories

Model	Description	MSRP
Antenna Tuners		
AT140	HF automatic antenna tuner	$767.00
MN100	Antenna matcher. Matches the transceiver to a dipole antenna. Covers all HF bands from 1.5 to 30MHz. Two 8m antenna wires come standard.	$509.00
MN100L	Antenna matcher. Matches the transceiver to a long wire antenna. Covers all HF bands from 1.5 to 30mhz. One 15m antenna comes standard.	$483.00
OPC1147N	Shielded control cable to connect the M802 to the AT140 (10m)	$84.00
Antennas		
AH710	Folded dipole antenna with an SO-239 connector. Covers 1.9 to 30MHz band. Length is approx 80.3ft.	$525.00
Cables		
OPC1107A	M802 Main Unit DC PC	$29.00
External Speakers		
SP24	External speaker (4x4") for marine fixed mount radios (7W)	$61.00
Microphones		
HM135	Hand microphone; water resistant, remote function for M802	$97.00
Mounting Hardware		
M802 MMB	Mounting Bracket M802	$57.00
MB75	Flush mount kit for mounting controller or speaker to a panel for M506/M605/M802/M504/M604/MA510TR/M502/M602	$42.00
Remote Mounting		
OPC1106	Seperation cable between controller and main unit (16.4ft) for M802	$47.00
Software & Cables		
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00

M506

VHF Marine Transceiver are discontinued and no longer available from Icom. Icom does still sell the below compatible accessories.

Accessories

Model	Description	MSRP
Encryption & Internal Modules		
UT112	Digital voice scrambling unit - 32 Codes	$171.00
External Speakers		
SP24	External speaker (4x4") for marine fixed mount radios (7W)	$61.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
SP37	30W hailer/speaker for fixed mounts; 4 ohm, extra UV protecting, all stainless steel hardware, heavy duty mounting bracket	$76.00
Microphones		
HM195B 41 EXP	CommandMic IV with yellow backlit LCD in black	$269.00
HM195GB 61 EXP	CommandMic IV with white backlit LCD in black	$269.00
HM195GW 62 EXP	CommandMic IV with white backlit LCD in super white	$269.00
HM195SW 42 EXP	Command Mic IV with yellow backlit LCD in super white	$269.00
HM205B	Speaker microphone M424G/M506	$91.00
HM205RB	Speaker microphone for M506 rear connector & M605	$121.00
OPC1000	6.1m/20ft connection cable to use with the HM126RB/RG/HM205RB/HM157 (mounting hardware included)	$86.00
OPC1540	6.1m/20ft connection cable to use with the COMMANDMIC III/IV (mounting hardware required)	$95.00
OPC1541	6.1m/20ft extension cable to use with the COMMANDMIC III/IV with the OPC1540. Up to 2 OPC-1541 can be connected.	$81.00
OPC999	20ft extension cable to connect COMMANDMIC II or HM-205RB to the OPC1000 and radio. Connect up to two HM205RB with M506 or one with M605.	$59.00
Mounting Hardware		
MB132	Flush mount kit for M324/M424G/MA510TR	$42.00
MB75	Flush mount kit for mounting controller or speaker to a panel for M506/M605/M802/M504/M604/MA510TR/M502/M602	$42.00
Navigation		
MA510TR 13	AIS transponder with GPS navigation function, and NMEA 2000 connectivity.	$1,418.00
Software & Cables		
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
OPC980	Cloning cable adapter for M424/M504/M604/M510	$40.00

Support Services

Model	Description	MSRP	UOM	Category
CONTROL STATION ASSEMBLE	Icom America factory mobile Radio/Mainframe install into power supply and cabinet to make control station.	$ 20.00	EA	Landmobile
ENGRAVE	Icom America factory engraving for Radio/Mainframes	$ 40.00	EA	All
EXTWARR211	Icom 1 year extended warranty for a total 3 years for low tier Radio/Mainframes	$ 25.00	EA	Landmobile
EXTWARR212	Icom 2 year extended warranty for a total 4 years for low tier Radio/Mainframes	$ 44.00	EA	Landmobile
EXTWARR213	Icom 3 year extended warranty for a total 5 years for low tier Radio/Mainframes	$ 62.00	EA	Landmobile
EXTWARR611	Icom 1 year extended warranty for mid tier Radio/Mainframes	$ 40.00	EA	Landmobile
EXTWARR612	Icom 2 year extended warranty for mid tier Radio/Mainframes	$ 70.00	EA	Landmobile
EXTWARR613	Icom 3 year extended warranty for mid tier Radio/Mainframes	$ 110.00	EA	Landmobile
EXTWARR811	Icom 1 year extended warranty for P25 Radio/Mainframes	$ 65.00	EA	Landmobile
EXTWARR812	Icom 2 year extended warranty for P25 Radio/Mainframes	$ 93.00	EA	Landmobile
EXTWARR813	Icom 3 year extended warranty for P25 Radio/Mainframes	$ 130.00	EA	Landmobile
EXTWARR912	Icom 1 year extended warranty for Landmobile HF Radio/Mainframes	$ 125.00	EA	Landmobile
EXTWARR913	Icom 2 year extended warranty for Landmobile HF Radio/Mainframes	$ 160.00	EA	Landmobile
EXTWARR914	Icom 3 year extended warranty for Landmobile HF Radio/Mainframes	$ 245.00	EA	Landmobile
EXTWARRPT1	Icom 1 year extended warranty, a total 3 years for Repeater/Mainframes	$ 180.00	EA	Landmobile
EXTWARRPT2	Icom 2 year extended warranty, a total 4 years for Repeater/Mainframes	$ 325.00	EA	Landmobile
EXTWARRPT3	Icom 3 year extended warranty, a total 5 years for Repeater/Mainframes	$ 465.00	EA	Landmobile
IASTUN1001	Icom America factory to tune your System Products	$ 75.00	EA	Landmobile
INSTALLATION AVIONICS	Icom America factory installation charge for Avionics Radio/Mainframes	$ 75.00	EA	Avionics
INSTALLATION MARINE	Icom America factory installation for Marine Radio/Mainframes	$ 40.00	EA	Marine
INSTALL-IAS	Icom America factory installation of a System component into a repeater or cabinet	$ 75.00	EA	Landmobile Systems
INSTALL-MF	Icom America factory installation of a component into a Landmobile mobile or portable Radio/Mainframes	$ 40.00	EA	Landmobile
PROG-IAS	Icom America factory to program your Systems product	$ 75.00	EA	Landmobile Systems
PROGLM6789	Icom America factory to program your Radio/Mainframes or Systems product	$ 70.00	EA	Landmobile Systems
PROG-MF	Icom America factory to program your land mobile Radio/Mainframe with provided icf file or 1 to 2 channels	$ 40.00	EA	Landmobile
PROGRAMMING AVIONICS	Icom America factory programming for Avionics Radio/Mainframe	$ 40.00	EA	Avionics
PROGRAMMING MARINE	Icom America factory programming for Marine Radio/Mainframe	$ 40.00	EA	Marine
QCRRS01	Icom Comprehensive Repair IDAS 3yrs enhanced extended warranty for selected landmobile Radio/Mainframes	$ 283.33	EA	Landmobile (IDAS Products Only)
QCRRS09	Icom Comprehensive Repair P25 3yrs enhanced enhanced extended warranty for selected landmobile Radio/Mainframes	$ 325.00	EA	Landmobile (P25 Products Only)
QENG-PH	Icom America Engineering Support for Radio/Mainframe - per hour	$ 266.67	HR	All
QFS-1D	Icom OnSite Technical/Field Support for Radio/Mainframe - 1st Day	$ 7,790.00	EA	All
QFS-AD	Icom OnSite Technical/Field Support for Radio/Mainframe - Additional Days	$ 4,540.00	EA	All
QFS-PH	Icom Field/Design Support for Radio/Mainframe - per hour	$ 250.00	HR	All
QNS-H	Icom Network Phone Support for Radio/Mainframe - per hour	$ 292.84	HR	Network

Support Services

Model	Description	MSRP	UOM	Category
QPPR-EA	Icom America factory pad printing fee per Radio/Mainframes	$ 16.67	EA	All
QPPR-SU	Icom Set up fee per design plate for pad printing for Radio/Mainframes	$ 208.33	EA	All
QTT-24PS-D	Icom 24/7/365 Phone Support - Monthly rate with year contract, default (non-IAS) designed	$ 857.10	EA	Landmobile Systems
QTT-24PS-I	Icom 24/7/365 Phone Support - Monthly rate with year contract, IAS designed & tested	$ 571.40	EA	Landmobile Systems
QTT-OS1D	Icom On-Site Technical Training 1st Day, Up to 6 People	$ 7,790.00	EA	All
QTT-OSAD	Icom On-Site Technical Training Additional Days, Up to 6 People	$ 4,540.00	EA	All
QTT-OSPH	Icom Technical online training from their desk	$ 250.00	HR	All
SERVICE/SALE BUILD-UP IAS	Icom Systems general Radio/Mainframe support - per hour	$ 171.42	HR	Landmobile Systems

ICOM®

U.S. Marine Retail
Product & Price Catalog

Icom America Inc.

Network Product Catalog

August 2023

Icom America Inc.

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Table of Contents

Airtime Pricing

LTE Airtime Pricing

Icom America's LTE products are sold to work with our high-speed, high reliability LTE-CONNECT Network. Airtime can be sold direct to dealers or end users. To order airtime login to our LTE Management Tool via the B2B site and use the plan chooser to select the desired plan per radio. To order airtime and have Icom bill your customers direct, fill in our End User Airtime order form.

LTE Rates:

Product	Term	Monthly Airtime Rate	MAP Price	Rate Plan Note
IP501H/IP501M/IP730D Series	Month to Month	$20	$28	Voice + GPS
	12 Months	$17	$28	
	24 Months	$16	$28	
IP501M	Month to Month	$26	$38	Voice + GPS (IN AND OUT) + 2 Gig Data
	12 Months	$23	$38	
	24 Months	$22	$38	
VE-PG4	Month to Month	$48	$69	Professional Plan
		$26	$49	Limited Plan

Airtime includes roaming throughout North America. Customers who decide on 12 or 24 month plan, must keep their radios active for a minimum of 12 or 24 months and cannot be cancelled midterm. Once the minimum term period is fulfilled, all active radios will continue to receive the term price. If radios are deactivated and then activated, radios will only be eligible for airtime plans available at the time. See our terms and conditions for additional details.

Iridium Airtime for Satellite Products

Icom's satellite products function on Iridium's global satellite Network. End users can purchase airtime direct through their Iridium Service Provider or through Icom America. To order airtime directly from Icom, customers will need to fill in our Mobile Satellite Service Agreement order form.

Airtime Pricing*:

Plan	Monthly Rate	Activation Fee per Device	Early Termination Fee per Radio
3 Month	$116	$50	$225
12 Month	$74	$50	$450

* Airtime pricing is mostly unlimited (see Icom America Iridium Push-to-Talk (PTT) Terms and Conditions for all details)

Talkgroup Pricing:

Name	Talkgroup Size	Monthly Rate	Rate Exception
Small	(up to 100,000 km2)	$65	FREE small talkgroup with every 5 active PTT device
Medium	(up to 300,000 km2)	$70	
Large	(up to 750,000 km2)	$450	
X-Large	(up to 1,500,000 km2)	$1,050	
Jumbo	(up to 2,250,000 km2)	$2,400	

Product

IP501H
LTE Portable

SPECS _____

Network: 4G bands   LTE B2, B4, B5, B17
             3G bands   W-CDMA B2, B5
AF output: Internal 400mW (16Ω)
                         External 200mW (8Ω)
Voice Codec: G.726 (32kbps)
Mil Spec: 810C, D, E, F
Waterproof: IP67/55/54
Dimensions (W x H x D): 2.3 x 3.7 x 1.3 in.
Weight: 8.5 oz
Warranty: 2 Year

IP501H requires airtime service on the
LTE-Connect system

FEATURES _____

Full duplex communication. Users can talk and receive at the same time.
Multiple users can initiate calls. No requirements to check or wait for
    channel availability.
Group calls with three or more people
Built-in Bluetooth
Voice message recording
Individual, Group, Talkgroup, Multiplex Talkgroup and All calls
Emergency button, Lone Worker and Man Down functions
Vibration alert function notifies of incoming call
Text message reception and preprogrammed message transmission
Up to 500 memory address book (including Group, Individual, Talkgroup
    and Telephone lists)
OTAP – performed by Icom America. Dealer OTAP also available, speak
    with your channel representative for more information.

COMES WITH _____

Antenna
SIM card
Li-Ion battery (BP-272)
Belt clip (MB-135)
Wrist strap
Owner's manual

IP67

Meets MIL-STD 810

Icom America Inc.

Configurations

Model	Description	MSRP
IP501H	Portable LTE radio with SIM card installed. Monthly airtime fee will apply with activated SIM.	$640.00

Accessories

Model	Description	MSRP
EXTWARR811	1 year extended warranty	$65.00
EXTWARR812	2 year extended warranty	$93.00
EXTWARR813	3 year extended warranty	$130.00
Antennas		
3310005140	LTE Antenna	$48.62
Batteries		
BP272	Li-ion 7.4V 2000mAh (typical capacity), 1880mAh (minimum value)	$164.00
Belt Clips		
MB135	Alligator type belt clip	$11.00
Cables		
OPC2144	Right angle plug adapter cable to plug old straight pin connector headsets into (recommended to use with OPC478UC when programming radios)	$38.00
OPC254L	Power supply cable; 10-14V DC required for high power output	$29.00
Carrying Cases		
NC100H	Nylon case with a clip for the IP100H/IP501H	$32.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC157S	AC adapter for gang chargers; 100-240V with US style plug	$168.00
BC157SE	AC adapter for gang chargers; 100-240V with Euro style plug	$168.00
BC202IP3AC	Kit includes BC-202IP3L rapid charger with BC-123SA AC adapter	$65.00
BC202IP3L	Rapid charger. Requires either BC123S, BC-228, or CP-25H.	$69.00
BC211	Rapid rate 6-unit charger for radios with the BP271/BP272	$545.00
BC211E	Rapid rate 6-unit charger for BP271/BP272 with European plug	$545.00

Accessories

Model	Description	MSRP
BC218	Car charger with bluetooth (requires CP22 or CP23L)	$220.00
BC218 CCK	Car charger kit includes 1 each: BC218, CP23L, MBA7, MBF1, HM215 & SP35	$515.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00

External Speakers

Model	Description	MSRP
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00

Headsets

Model	Description	MSRP
HS102	Over the head headset with earphone. Allows for full-duplex operation and requires the OPC-2359.	$200.00
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
OPC2006LS	Adapter plug with VOX and no PTT to to use with the HS94/95/97	$37.00
OPC2328	Adapter plug with PTT to to use with the HS94/95/97	$107.00
OPC2359	PTT switch cable	$87.00
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	$184.00

Microphones

Model	Description	MSRP
HM183LS	Waterproof compact speaker microphone (2pin connector)	$128.00
HM186LS	Compact speaker microphone with earphone jack (2 pin connector)	$69.00
HM215	Speaker microphone for the BC-218 car charger	$173.00
IAHM600	Heavy duty Bluetooth speaker microphone with loud audio, water/dust resistant & 40+ hours of talk time (charger included)	$280.00

Miscellaneous

Model	Description	MSRP
SIM CARD	SIM card for U.S. LTE networks	$9.00
VESP1	LTE speakerphone unit	$550.00

Mounting Hardware

Model	Description	MSRP
MBA7	Bracket adapter for the BC-218	$42.00

Accessories

Model	Description	MSRP
Remote Mounting		
MBF1	Remote head mount. Adhesive pad and adjustable pivot points holds it securely. Requires MBA5, MBA7 or MBA8.	$91.00
Software & Cables		
CSIP501H	IP501H programming software	$63.00
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
Wire Kits		
HM153LS	Microphone with 2.5mm earphone combination (right angle 2-pin connector)	$137.00
HM166LS	Earphone microphone with two pin right angle connector	$105.00

IP730D – IP740D Series

Hybrid LTE/IDAS™/Analog Portable

SPECS _____

Frequencies:		136–174, 400-512MHz
Network:	4G bands	LTE, B2, B4, B12
	3G bands	W-CDMA B2, B5
Output Power:		5W
Channels:		128
Channel Spacing:		12.5kH
Mil Spec:		MIL-STD 810 C, D, E, F & G
Waterproof Rating:		IP67
Weight:		11.3 oz (with BP-303)

IP730D series requires airtime service on the
LTE-CONNECT system.

FEATURES _____

General Features
- Dual PTT buttons for LTE and IDAS/analog operation
- Dual receive function
- Bridge mode connects talkpaths over LTE transmissions
- Digital conventional built-in
- Man Down, Lone Worker, Motion/Stationary detection
- Emergency button
- 1500mW loud audio
- AquaQuake™
- Bluetooth®
- Vibration alert
- Record and playback up to 4 min with a max of 10 messages

LTE Features
- Full duplex communications
- Messaging functions
- 500 memory ID address book
- GPS transmission

IDAS Features
- OTAP IDAS units via LTE signals
- IDAS conventional
- Single, individual, group calls
- 15-bit encryption voice scrambler

COMES WITH _____

Battery pack (BP-303)
Belt Clip (MB-133)
SIM Card

Configurations

Model	Description	MSRP
IP730D	136-174 LTE, IDAS, and analog portable radio.	$1,040.00

Accessories

Model	Description	MSRP
EXTWARR811	1 year extended warranty	$65.00
EXTWARR812	2 year extended warranty	$93.00
EXTWARR813	3 year extended warranty	$130.00
Antennas		
FASC25U	400-430MHz antenna J type connector	$14.00
FASC25V	136-150MHz antenna J type connector	$14.00
FASC26US	400-450MHz stubby antenna J type connector	$16.00
FASC26VS	136-144MHz stubby antenna J type connector	$16.00
FASC27VS	142-150MHz stubby antenna J type connector	$16.00
FASC28V	142-162MHz antenna J type connector	$14.00
FASC29V	160-174MHz antenna J type connector	$14.00
FASC55V	146-174MHz standard antenna J type connector	$14.00
FASC56VS	150-160MHz stubby antenna J type connector	$16.00
FASC57U	430-470MHz standard antenna (red ring) J type connector	$14.00
FASC57VS	160-174MHz stubby antenna J type connector	$16.00
FASC61UC	380-520MHz cut antenna J type connector	$20.00
FASC61VC	136-174MHz cut antenna for the specific frequency desired	$20.00
FASC62V	150-160MHz high gain antenna J type connector	$59.00
FASC63V	155-165MHz high gain antenna J type connector	$60.00
FASC72U	470-512MHz antenna J type connector	$14.00
FASC73US	450-470MHz stubby antenna for J type connector	$16.00
Batteries		
BP303	3200mAh li-ion battery pack	$187.00
BP305	Battery case AA x5	$110.00

Accessories

Model	Description	MSRP
Belt Clips		
MB133	Alligator type belt clip	$18.00
MB136	Swivel belt clip for F1000/F3400/F7010/F52D/M85 series	$16.00
MB96N	Swivel belt hanger to use with standard belt clip	$40.00
Cables		
OPC515L	DC power cable for single unit rapid chargers	$28.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC226	Connectable rapid charger (connect up to 6). Requires AC adapter: BC123S for single use or BC228 for 2+	$80.00
BC227	Rapid charger that goes into trickle mode at a 80% charge (US Plug)	$72.00
BC228	AC adapter for connectable chargers (BC226 & BC202IP3)	$79.00
CP23L	12V cigarette lighter cable for use with rapid chargers	$40.00
Headsets		
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	$184.00
VS5MC	VOX/PTT switch cable to use with headset (HS94/95/97)	$161.00
Microphones		
HM184H	14-pin loud waterproof speaker mic (no accessory jack)	$126.00
HM222H	IP68 waterproof speaker microphone w/3.5mm accessory jack (14-pin connector)	$165.00
HM236	Compact waterproof speaker microphone	$133.00
HM245T	DTMF microphone	$270.00
SP27	Acoustic tube earphone with a clip (3.5mm)	$38.00
SP29	Earhook type earphone with 3.5mm plug	$27.00
SP40	Earphone with 3.5mm plug	$32.00

Accessories

Model	Description	MSRP
Miscellaneous		
AD135	3.5mm earphone jack adapter that plugs into a 14-pin connector	$45.00
SIM CARD	SIM card for U.S. LTE networks	$9.00
Software & Cables		
CSIP730D	Cloning software for the IP730D series	$50.00
OPC2338	14-pin programming cable plus transparent data transfer	$251.00
PROG-MF	Icom to program your land mobile mainframe with provided icf file or 1 to 2 channels	$40.00
Wire Kits		
EH15B	Earphone with 2.5mm plug to use with HM-163MC	$33.00
HM163MC	Lapel mic with 2.5mm earphone jack	$210.00
SP26	Tube earphone with 2.5mm plug to use with HM-163MC/HM-153LS	$27.00
SP28	Earhook type earphone with 2.5mm plug to use with HM-163MC/HM-153LS	$27.00

IP501M
LTE Mobile

SPECS _____

Network:	4G bands	LTE B2, B4, B12
	3G bands	W-CDMA B2, B5
Audio output power:		More than 4W (External SP, at 10% distortion into a 4Ω load)
Voice Codec:		G.726
Mil Spec:		810C, D, E, F, G
Dimensions (W x H x D):		4.9 x 1.1 x 6.1 in (Approximate)
Weight:		1.9 lb (Main unit, approximate)
Warranty:		2 Year

IP501M requires airtime service on the LTE-Connect System

FEATURES _____

Full-Duplex communication provides multiple users simultaneous
  conversations
Built-in Bluetooth and GPS
Noise Canceling function (TX only) for clear audio in noisy environments
Priority Interrupt Calling can break into an on-going call for an important
  message Text Message function of up to 32 characters
Emergency Call & Lone Worker functions

COMES WITH _____

Microphone (HM-241)
LTE antenna x 2
GPS antenna
SIM Card
DC power cable
Mounting bracket kit
Microphone hanger
Owner's manual

Meets MIL-STD 810

Icom America Inc.
: Network Product Catalog

Configurations

Model	Description	MSRP
IP501M	Mobile LTE radio with SIM card installed. Monthly airtime fee will apply with activated SIM.	$785.00

Accessories

Model	Description	MSRP
EXTWARR811	1 year extended warranty	$65.00
EXTWARR812	2 year extended warranty	$93.00
EXTWARR813	3 year extended warranty	$130.00
Cables		
OPC2407	D-SUB 25-pin connector for the IP501M	$107.00
External Speakers		
SP30	20W large external speaker	$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Headsets		
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	$184.00
Microphones		
HM230HB	CommandMic with 10-key (IP55) for IP501M	$345.00
HM241	Mobile microphone with emergency button for IP501M (IP54)	$120.00
IAHM600	Heavy duty Bluetooth speaker microphone with loud audio, water/dust resistant & 40+ hours of talk time (charger included)	$280.00
SM28	Desktop microphone for IP501M	$115.00
Miscellaneous		
SIM CARD	SIM card for U.S. LTE networks	$9.00
Power Supplies		
CONTROL STATION ASSEMBLE	Install mobile into power supply and cabinet to make control station	$20.00
IAPS13	Power supply and cover for the IP501M and SAT100M.	$310.00

Accessories

Model	Description	MSRP
Software & Cables		
OPC2344	PC to mobile radio programming cloning cable with USB connector.	$115.00

IP100H

License-free radio for wireless network (WLAN)

SPECS _____

Frequencies:	2412-2472 MHz (13 channels)
	5180-5700MHz (19 channels)
WLAN standard:	IIEEE 802.11 a/b/g/n
Operating time:	Over 20 hours (with BP-271)
RF output:	Less than 10mW/MHz
Voice codec:	G.711 µ-law (64kbps)
AF output:	Internal 400mW (16Ω)
	External 200mW (8Ω)
Dimensions (W x H x D):	2 9/23 x 3 47/64 x 1 3/64 in.
Weight:	7.2 oz
Warranty:	1 Year

Software:	[Free download](#)

FEATURES _____

License-free system
IP1000C controller connects to the wireless network
- IPC1000C versions allows up to 20 or 100 radios per network
- IP1100CV version allows up to 300 radios per network

Add the IP100FS for an IP-based PC-dispatcher
Compact size, and lightweight
Supports simplex or full duplex with HM-153LS or HM-166LS connected
Reliable sound quality
High security with encrypted communication* (*AES Encryption)
Vibration function for incoming calls
IPX7 waterproof rating
OPC-2006LS with HS94/95/97 are applicable for VOX
and simplex operation

COMES WITH _____

Li-Ion battery (BP-271)
Belt clip (MB-127)
Wrist strap
Short stub antenna
Antenna cover (used for internal antenna)
Owner's manual

IPX7

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: Network Product Catalog

Accessories

Model	Description	MSRP
EXTWARR611	1 year extended warranty	$40.00
EXTWARR612	2 year extended warranty	$70.00
EXTWARR613	3 year extended warranty	$110.00
Antennas		
3310004800	IP100H antenna	$30.88
Batteries		
BP271	Li-ion 7.4V 1200mAh (typical capacity), 1150mAh (minimum value)	$106.00
BP272	Li-ion 7.4V 2000mAh (typical capacity), 1880mAh (minimum value)	$164.00
BP273	Battery case that holds 3 AA alkaline batteries	$72.00
Belt Clips		
MB127	Alligator belt clip	$19.00
Cables		
OPC2144	Right angle plug adapter cable to plug old straight pin connector headsets into (recommended to use with OPC478UC when programming radios)	$38.00
Carrying Cases		
NC100H	Nylon case with a clip for the IP100H/IP501H	$32.00
Chargers		
BC123SA	Straight-angle AC adapter for rapid chargers; 100-240V with US style plug	$26.00
BC123SE	AC adapter for rapid chargers; 100-240V with Euro style plug	$28.00
BC202IP3AC	Kit includes BC-202IP3L rapid charger with BC-123SA AC adapter	$65.00
BC202IP3L	Rapid charger. Requires either BC123S, BC-228, or CP-25H.	$69.00
BC211	Rapid rate 6-unit charger for radios with the BP271/BP272	$545.00
BC211E	Rapid rate 6-unit charger for BP271/BP272 with European plug	$545.00
Controller		
IP1100CV 51 EXP	WLAN controller that manages up to 300 radios (BC207S req)	$1,795.00

Accessories

Model	Description	MSRP
Headsets		
HS102	Over the head headset with earphone. Allows for full-duplex operation and requires the OPC-2359.	$200.00
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
OPC2006LS	Adapter plug with VOX and no PTT to to use with the HS94/95/97	$37.00
OPC2328	Adapter plug with PTT to to use with the HS94/95/97	$107.00
OPC2359	PTT switch cable	$87.00
Microphones		
HM183LS	Waterproof compact speaker microphone (2pin connector)	$128.00
HM186LS	Compact speaker microphone with earphone jack (2 pin connector)	$69.00
Software & Cables		
OPC478UC	USB programming cable (2-pin connectors handhelds)	$76.00
Wire Kits		
HM153LS	Microphone with 2.5mm earphone combination (right angle 2-pin connector)	$137.00
HM166LS	Earphone microphone with two pin right angle connector	$105.00
SP26	Tube earphone with 2.5mm plug to use with HM-163MC/HM-153LS	$27.00
SP28	Earhook type earphone with 2.5mm plug to use with HM-163MC/HM-153LS	$27.00
WLAN		
AP95M	Wireless LAN access point	$460.00
IP100FS	IP based PC-dispatcher	$1,730.00

IP110H
WLAN Portable Radio

SPECS _____

Frequencies:	2.4-24835 GHz
	5.15-5.35 GHz
	5.47-5.85 GHz
WLAN standard:	IIEEE 802.11 a/b/g/n/ac
Encryption Support:	WPA2-Enterprise, WPA-Enterprise, WPA-PSK, WPA2-PSK
Operating time:	Over 20 hours
AF output:	100mW
Dimensions:	2 2 x 3 8 x 1 0 in.
Weight:	5.2 oz
Waterproof:	IP67

FEATURES _____

License-free system
Full-duplex (Simultaneous TalkListen) conversations
Beep and vibration functions
Motion/stationary detection, man down, lone worker functions
Over-the-Air Programming (OTAP)
Audio recording

COMES WITH _____

Belt clip (MBB1)
USB charger cable (OPC2480)

Configurations

Model	Description	MSRP
IP110H 22 USA	License-free IP radio for wireless networks	$540.00

Accessories

Model	Description	MSRP
HM186PI	Speaker microphone	$70.00
Cables		
OPC2133	2.5mm headset adapter cable	$50.00
Chargers		
BC257	Rapid charger for the IP110H. Connect up to 4 units, BC228 required.	$80.00
Controller		
BC207S	12V / 3.5A AC adapter for VEPG3/IP1000C/IP1100CV	$89.00
IP1100CV 51 EXP	WLAN controller that manages up to 300 radios (BC207S req)	$1,795.00
Headsets		
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	$184.00
Microphones		
HM179PI	Earphone speaker microphone	$160.00
HM228	Compact IPX7 speaker mic for M93D/M94D/IP110H	$103.00
WLAN		
AP95M	Wireless LAN access point	$460.00
IP100FS	IP based PC-dispatcher	$1,730.00

SAT100
Satellite PTT Radio

SPECS _____

Operating temperature range:
 -30°C to +60°C; -22°F to +140°F
Audio output power:
 Internal speaker: 1500mW typical (At 5% distortion into an 8Ω load)
 External speaker: 1000mW typical (At 5% distortion into an 8Ω load)

Battery life (Approximate): 14.5 hours (TX: RX: standby = 5 : 5 : 90)
Talkgroup: 15 groups (Maximum)
Antenna connector: SMA
Weight: 12.7 oz, 360g
Mil Specs: 810C, D, E, F, G
Waterproof rating: IP67

FEATURES _____

Two-way radio system using the Iridium® satellite network
One-to-Many Communications
Real-Time Low-Latency Communication
Operates 100% of the globe
Built-in emergency key
Secure communications with AES encryption
Short Data Message function
Voice recording function
Talkgroup Scan
Priority Interrupt Calling
Vibration Alert
Built-in Bluetooth® and GPS Receiver
Compatible with other Iridium® PTT devices

COMES WITH _____

Battery pack (BP-300)
Belt Clip (MBB-5)
Antenna (FA-S102U)
Desktop charger (BC-241)
AC adapter (BC-242)

Configurations

Model	Description	MSRP
SAT100 16 EXP	Satellite PTT handheld	$1,570.00

Accessories

Model	Description	MSRP
EXTWARR912	1 year extended warranty	$125.00
EXTWARR913	2 year extended warranty	$160.00
EXTWARR914	3 year extended warranty	$245.00
Antennas		
AH38	Iridium passive antenna for AH38	$525.00
AH40	Antenna (4.9ft) for in-vehicle and in-building use	$262.00
AH41	Iridium active antenna system for the SAT100	$1,625.00
FAS102U	Antenna for SAT100	$225.00
FAS103U	Quick disconnect antenna system	$440.00
Batteries		
BP300	7.2V 2350mAh li-ion battery for the SAT100	$160.00
Belt Clips		
MBB5	Belt clip for SAT100	$16.00
Cables		
OPC2113	32.8 ft coaxial cable for the AH38	$210.00
OPC2412	Connection cable between VEPG4 & SAT100	$123.00
OPC2422	5M extension cable between the SAT100 and AH40.	$175.00
OPC2462	193ft 5D-HFA coax cable	$760.00
Carrying Cases		
G1004	SAT100 shoulder holster	$65.00
Chargers		
BC214NSAT	Six unit charger for SAT100	$485.00
BC241	Rapid charger with multi-plug AC adapter for SAT100	$75.00

Accessories

Model	Description	MSRP
BC247	Charger cradle for SAT100 for in-vehicle and in-building use	$440.00

Headsets

Model	Description	MSRP
HS94	Earpiece headset; use with VS/OPC2004/OPC2006/OPC1392	$27.00
HS95	Headset with boom mic; use with VS/OPC2004/OPC2006/OPC1392	$230.00
HS97	Earphone with throat mic headset; use with VS/OPC2004/OPC2006/OPC1392	$45.00
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	$184.00
VS5MC	VOX/PTT switch cable to use with headset (HS94/95/97)	$161.00

Microphones

Model	Description	MSRP
HM222H	IP68 waterproof speaker microphone w/3.5mm accessory jack (14-pin connector)	$165.00
SP27	Acoustic tube earphone with a clip (3.5mm)	$38.00
SP29	Earhook type earphone with 3.5mm plug	$27.00
SP40	Earphone with 3.5mm plug	$32.00
SP-AT1	Single pin listen only w/QD acoustic tube (9", 3.5mm L-shape)	$34.00

Miscellaneous

Model	Description	MSRP
AD118	14-pin ACC adapter to use with Hirose plug accessories	$86.00
AD135	3.5mm earphone jack adapter that plugs into a 14-pin connector	$45.00

Wire Kits

Model	Description	MSRP
EH15B	Earphone with 2.5mm plug to use with HM-163MC	$33.00
HM163MC	Lapel mic with 2.5mm earphone jack	$210.00
SP26	Tube earphone with 2.5mm plug to use with HM-163MC/HM-153LS	$27.00
SP28	Earhook type earphone with 2.5mm plug to use with HM-163MC/HM-153LS	$27.00
SP32	Tube adapter for use with the EH-15B	$32.00

SAT100M
Satellite PTT Mobile Radio

SPECS _____

Operating temperature range:
                    -30°C to +60°C; -22°F to +140°F

Audio output power:
   Internal speaker: 1500mW typical (8Ω load)
   External speaker: 4W typical (4Ω load)

Voltage: 13.2V / 26.4DC
Talkgroup: 15 groups (Maximum)
Antenna connector: SMA
Weight: 12.7 oz, 360g
Mil Specs: 810C, D, E, F, G
Waterproof rating: IP67 (antenna w/RF unit)
                    IP55 (mic), IP54 (main unit)

FEATURES _____

Two-way radio system using the Iridium® satellite network
One-to-Many Communications
Real-Time Low-Latency Communication
Operates 100% of the globe
Power supply capability over Ethernet from main unit to antenna
    (w/RF unit)
Secure communications with AES encryption
Short Data Message function
Multi-functional speaker microphone with display
Multi-language display (English, Chinese, French, Japanese, Spanish)
Emergency mode
Surveillance mode
Built-in Bluetooth® and GPS Receiver
Compatible with other Iridium® PTT devices

COMES WITH _____

Speaker microphone
DC power cable (OPC-585)
LAN cable (OPC-2102)
Mobile bracket

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Configurations

Model	Description	MSRP
SAT100M	Mobile satellite PTT radio with a multi-functional speaker microphone and antenna unit	$3,720.00

Accessories

Model	Description	MSRP
EXTWARR912	1 year extended warranty	$125.00
EXTWARR913	2 year extended warranty	$160.00
EXTWARR914	3 year extended warranty	$245.00
Antennas		
AH40	Antenna (4.9ft) for in-vehicle and in-building use	$262.00
Cables		
OPC2422	5M extension cable between the SAT100 and AH40.	$175.00
External Speakers		
SP30	20W large external speaker	$123.00
SP35	5W external speaker with 3.5mm speaker jack and 2m cable	$64.00
Headsets		
VS3	Compact lapel PTT Bluetooth with earphone w/3.5mm jack	$184.00
Power Supplies		
CONTROL STATION ASSEMBLE	Install mobile into power supply and cabinet to make control station	$20.00
IAPS13	Power supply and cover for the IP501M and SAT100M.	$310.00
Software & Cables		
OPC2357	Programming cable	$184.00
OPC2429	SAT100M mic extension cable	$73.00

VE-PG4

RoIP Gateway

SPECS _____

Power Supply:	12V DC +/- 10%, max 4A 100-240V AC (with the supplied AC adaptor)
Weight:	4lb (Main unit, approximate)
Interface	
LAN/WAN:	RJ-45 type x 1 (Auto MDI/MDI-X)
LAN:	RJ-45 type x 1 (Auto MDI/MDI-X)
USB Host Interface:	USB 3.0 Standard A receptacles x3
USB Console Interface:	USB 2.0 mini B receptacles x 1
Network - 4G bands:	LET B2, B4, B12 (FCC)
Network - 3G bands:	W-CDMA B2, B5 (FCC)
External - Port Connectors:	2.54 mm (0.1 in) pitch quick connector (4 terminals x3) x4
External – Audio input:	-10 dBs/-40 dBs selectable Input impedance 10kΩ unbalance
External – Audio output:	-0 dBs/-20 dBs selectable 600Ω load unbalance/8Ω 1W speaker
External – Control input:	Low voltage contacts (3.3V DC/1mA)/Voltage input (3-16V)
External – Control output:	No voltage contacts (30V/100mA) /Open collector (3-16V 10mA)

FEATURES _____

Bridge almost any modern communications system to Icom's universe of Network products and more:

- LTE PTT Products
- Wireless LAN radio products
- Icom IDAS conventional and trunking systems
- Analog radio systems
- P25 systems
- DMR systems
- SIP phone

Built-in controller for IP100H
Call recording to a USB drive
Microphone connection for base operation
Router functions with VPN tunnel

Management Features:

- SYSLOG and SNMP
- Telnet and SSH
- Ping Test and Traceroute Test
- Abnormal condition monitoring, such as LAN port link-down and SIP server registration error
- Administrator password
- SNTP server
- Security slot

WARRANTY _____

1-Year

Comes With _____

Antennas
Antenna case cable (1.9ft)
AC adapter (BC-236)
Quick connectors

MULTITRUNK   iDAS

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Configurations

Model	Description	MSRP
VEPG4	RoIP gateway that bridges land mobile radio systems. Deactivated SIM included. Airtime fees apply when SIM activated.	$3,205.00

Accessories

Model	Description	MSRP
EXTWARR912	1 year extended warranty	$125.00
EXTWARR913	2 year extended warranty	$160.00
EXTWARR914	3 year extended warranty	$245.00
Cables		
OPC2275	5m audio connection cable between the VEPG3 and the F5061/D series or A120 (RJ-45 modular plug connector with speaker plug).	$161.00
OPC2276	5m audio connection cable between the VEPG3 and the HM152/SM26 (Modular jack connector with speaker jack)	$231.00
OPC2389	Cable connecting serial device w/RS232	$90.00
OPC2390	Cable connecting VEPG4 to FR5000/6000	$214.00
Microphones		
SM26	Desktop microphone with monitor switch for mobile radios	$110.00
Miscellaneous		
SIM CARD	SIM card for U.S. LTE networks	$9.00
Remote Communication		
RCFS10	Remote Communicator software + CT-24 (digital voice converter unit - each IDAS system requires 1 CT-24)	$1,911.00
WLAN		
IP100FS	IP based PC-dispatcher	$1,730.00

Remotatec Dispatch Console
TXRoIP System

SPECS _____

TXRoIP Server
Platform:	Windows
Radio Protocols:	NXDN, P25, analog
Telephony Protocols:	CSTA, OSCC
Encryption:	DES/AES

TXRoIP Gateway
Power supply:	DC = 9~+36V
Network requirements:	200kbps active
	50kbps inactive
Network infrastructure:	100mbps full-duplex ethernet
Memory:	4GB RAM with MSAA SSD HD 50 GB
Connections:	x2 DB25 radio connections
Rear panel connections:	x1 RJ45 input – 10/100/1000 Mbps
	x2 USB 2.0 input
	x3 DC power connector 5.5m P8
Dimensions:	19-inch rack mount
Weight:	10.36 lbs (4.7kg)

FEATURES _____

Other features available upon request.

TXRoIP Dispatch System

- Scalable to small and large packages
- Intercom to other consoles
- Select and unselect audio
- Private, group, and broadcast calls
- Channel/group/zone change
- Dispatcher interrupt/preemption
- Speaker/headset dispatching
- Text integration to send messages to field units
- Track field units via GPS
- Instant recall recording of the last 100 calls
- Radio display status
- Radio check, stun/revive, and emergency

TXRoIP Gateway

- Natively link to analog, IDAS™/NXDN™ and P25 systems
- LCD display for operating status
- Web management interface
- Decodes MDC1200 signaling

Configurations

Model	Description	MSRP
IASGCLSRV	Small business server license. Up to 2 consoles & 4 talkpaths	$5,665.00

Accessories

Model	Description	MSRP
IASGC1002	Remotatec gateway TXRoIP console	$3,165.00
IASGCACFOOT	USB foot switch for Remotatec console	$645.00
IASGCACMIC	Console gooseneck mic	$1,130.00
IASGCACSPK	Console dual speakers	$200.00
IASGCLGPS	GPS license (real time)	$2,650.00
IASGCLREC	Voice recording license	$865.00

Support Services

Model	Description	MSRP	UOM	Category
CONTROL STATION ASSEMBLE	Icom America factory mobile Radio/Mainframe install into power supply and cabinet to make control station.	$ 20.00	EA	Landmobile
ENGRAVE	Icom America factory engraving for Radio/Mainframes	$ 40.00	EA	All
EXTWARR211	Icom 1 year extended warranty for a total 3 years for low tier Radio/Mainframes	$ 25.00	EA	Landmobile
EXTWARR212	Icom 2 year extended warranty for a total 4 years for low tier Radio/Mainframes	$ 44.00	EA	Landmobile
EXTWARR213	Icom 3 year extended warranty for a total 5 years for low tier Radio/Mainframes	$ 62.00	EA	Landmobile
EXTWARR611	Icom 1 year extended warranty for mid tier Radio/Mainframes	$ 40.00	EA	Landmobile
EXTWARR612	Icom 2 year extended warranty for mid tier Radio/Mainframes	$ 70.00	EA	Landmobile
EXTWARR613	Icom 3 year extended warranty for mid tier Radio/Mainframes	$ 110.00	EA	Landmobile
EXTWARR811	Icom 1 year extended warranty for P25 Radio/Mainframes	$ 65.00	EA	Landmobile
EXTWARR812	Icom 2 year extended warranty for P25 Radio/Mainframes	$ 93.00	EA	Landmobile
EXTWARR813	Icom 3 year extended warranty for P25 Radio/Mainframes	$ 130.00	EA	Landmobile
EXTWARR912	Icom 1 year extended warranty for Landmobile HF Radio/Mainframes	$ 125.00	EA	Landmobile
EXTWARR913	Icom 2 year extended warranty for Landmobile HF Radio/Mainframes	$ 160.00	EA	Landmobile
EXTWARR914	Icom 3 year extended warranty for Landmobile HF Radio/Mainframes	$ 245.00	EA	Landmobile
EXTWARRPT1	Icom 1 year extended warranty, a total 3 years for Repeater/Mainframes	$ 180.00	EA	Landmobile
EXTWARRPT2	Icom 2 year extended warranty, a total 4 years for Repeater/Mainframes	$ 325.00	EA	Landmobile
EXTWARRPT3	Icom 3 year extended warranty, a total 5 years for Repeater/Mainframes	$ 465.00	EA	Landmobile
IASTUN1001	Icom America factory to tune your System Products	$ 75.00	EA	Landmobile
INSTALLATION AVIONICS	Icom America factory installation charge for Avionics Radio/Mainframes	$ 75.00	EA	Avionics
INSTALLATION MARINE	Icom America factory installation for Marine Radio/Mainframes	$ 40.00	EA	Marine
INSTALL-IAS	Icom America factory installation of a System component into a repeater or cabinet	$ 75.00	EA	Landmobile Systems
INSTALL-MF	Icom America factory installation of a component into a Landmobile mobile or portable Radio/Mainframes	$ 40.00	EA	Landmobile
PROG-IAS	Icom America factory to program your Systems product	$ 75.00	EA	Landmobile Systems
PROGLM6789	Icom America factory to program your Radio/Mainframes or Systems product	$ 70.00	EA	Landmobile Systems
PROG-MF	Icom America factory to program your land mobile Radio/Mainframe with provided icf file or 1 to 2 channels	$ 40.00	EA	Landmobile
PROGRAMMING AVIONICS	Icom America factory programming for Avionics Radio/Mainframe	$ 40.00	EA	Avionics
PROGRAMMING MARINE	Icom America factory programming for Marine Radio/Mainframe	$ 40.00	EA	Marine
QCRRS01	Icom Comprehensive Repair IDAS 3yrs enhanced extended warranty for selected landmobile Radio/Mainframes	$ 283.33	EA	Landmobile (IDAS Products Only)
QCRRS09	Icom Comprehensive Repair P25 3yrs enhanced enhanced extended warranty for selected landmobile Radio/Mainframes	$ 325.00	EA	Landmobile (P25 Products Only)
QENG-PH	Icom America Engineering Support for Radio/Mainframe - per hour	$ 266.67	HR	All
QFS-1D	Icom OnSite Technical/Field Support for Radio/Mainframe - 1st Day	$ 7,790.00	EA	All
QFS-AD	Icom OnSite Technical/Field Support for Radio/Mainframe - Additional Days	$ 4,540.00	EA	All
QFS-PH	Icom Field/Design Support for Radio/Mainframe - per hour	$ 250.00	HR	All
QNS-H	Icom Network Phone Support for Radio/Mainframe - per hour	$ 292.84	HR	Network

Support Services

Model	Description	MSRP	UOM	Category
QPPR-EA	Icom America factory pad printing fee per Radio/Mainframes	$ 16.67	EA	All
QPPR-SU	Icom Set up fee per design plate for pad printing for Radio/Mainframes	$ 208.33	EA	All
QTT-24PS-D	Icom 24/7/365 Phone Support - Monthly rate with year contract, default (non-IAS) designed	$ 857.10	EA	Landmobile Systems
QTT-24PS-I	Icom 24/7/365 Phone Support - Monthly rate with year contract, IAS designed & tested	$ 571.40	EA	Landmobile Systems
QTT-OS1D	Icom On-Site Technical Training 1st Day, Up to 6 People	$ 7,790.00	EA	All
QTT-OSAD	Icom On-Site Technical Training Additional Days, Up to 6 People	$ 4,540.00	EA	All
QTT-OSPH	Icom Technical online training from their desk	$ 250.00	HR	All
SERVICE/SALE BUILD-UP IAS	Icom Systems general Radio/Mainframe support - per hour	$ 171.42	HR	Landmobile Systems

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