ICOM

Marine Products

Slim Buoyant Handheld DSC Transceiver

VHF MARINE TRANSCEIVER with DSC
IC−M93D EURO

FEATURES

- 2.3" large high visibility LCD
- Slim buoyant DSC transceiver
- Intuitive user interface
- Built-in class D DSC with a CH70 receiver
- Float'n flash and MOB auto set function
- Integrated GNSS receiver
- Active noise canceling

• IPX7 waterproof • Navigation function • 50 waypoint memories • Dual watch and Tri-watch functions • Favorite channel function • AquaQuake™ prevents audio degradation from a water-logged speaker • Supports 4-digit channels
* Available functions may be subject to local regulations.

Supplied Accessories
• BP-285 battery pack • BC-220 battery charger
• BC-123SE/SUK* AC adapter • MB-133 belt clip
• FA-SC59V antenna • Hand strap
* May differ depending on version.

Slim, Stylish, Powerful VHF with Professional Features

VHF MARINE TRANSCEIVERS
IC−M73EURO PLUS
IC−M73EURO

FEATURES

- ⊕ Last call voice recording*
- ⊕ Active noise canceling* reduces background noise by up to 90%
- ⊕ Bass Boost Function*
- IPX8 advanced waterproofing
- 6 W RF output, 700 mW loud audio
- 17 hours of long lasting operating time with BP-245H

    * ⊕ available in IC-M73EURO PLUS version only.

• Dual watch and Tri-watch functions • Instant access to Ch 16 and call channel • AquaQuake™ • Auto power save • Priority and normal scan • Tag scan and favorite channel function • Optional speaker-microphones, HM-167/HM-202 • Supports 4-digit channels
* Available functions may be subject to local regulations.

Supplied Accessories
• BP-245H battery pack • BC-210 battery charger
• BC-123SE* AC adapter • MB-103 belt clip
• FA-S64V* antenna • CP-25H* cigarette lighter cable
• Hand strap
* May differ or not supplied, depending on version.

Buoyant Radio with Clear Voice Boost

VHF MARINE TRANSCEIVER
IC−M35

FEATURES

- Buoyant
- Noise canceling microphone
- Automatic volume adjustment
- Voice boost and mute functions
- Large buttons, easy to grip body
- 6 W RF output, 700 mW loud audio
- IP57 dust-protection and waterproof

• Dual watch and Tri-watch functions • Instant access to Ch 16 and call channel • AquaQuake™ • 2-step power save • Auto scan function • Tag scan and favorite channel function • Optional speaker-microphone, HM-165 • Supports 4-digit channels
* Available functions may be subject to local regulations.

Supplied Accessories
• BP-252 battery pack • BP-251* battery case
• BC-173 battery charger • BC-147SE* AC adapter
• MB-109 belt clip • FA-SC58V antenna • Hand strap
* May differ or not supplied, depending on version.

Metallic Gray

Marine Blue

Pearl White

Slim, Lightweight with High Performance

VHF MARINE TRANSCEIVER
IC–M25EURO

FEATURES

- **Slim, lightweight, and high performance**
- **Large LCD and intuitive user interface**
- **USB charging (Micro-B USB type)**
- **Buoyant with flashing LED light**
- **11 hours of long operating time**
- **5 W RF output, 550 mW clear audio**

• IPX7 waterproof protection • Dual watch and Tri-watch function • Instant access to Ch 16 and call channel • Favorite channel function • Auto scan function* • AquaQuake™ • 2 step power save • Built-in 3 hours rapid charger (with BC-217SE) • Optional speaker-microphone, HM-213 • Supports 4-digit channels
* Available functions may be subject to local regulations.

Supplied Accessories
• BC-217SE* USB charger • MB-133 belt clip
• FA-SC59V antenna • Hand strap • Battery cell is built-in
* May differ or not supplied, depending on version.

Compact Marine VHF with 100 PMR Channels

VHF MARINE TRANSCEIVER
IC–M85E

FEATURES

- **Compact and lightweight**
- **100 programmable PMR channels***
  * Appropriate licence is required.
- **Automated emergency alarm with Man Down and Lone Worker and MOB Alarm functions**
- **700 mW loud audio**

• Built-in voice scrambler compatible with UT-112/A (Acceptable to use depending on countries.) • Built-in CTCSS and DTCS tones • IP67 dust-tight and water-proof protection • Dual watch and Tri-watch functions • Instant access to Ch 16 and call channel • Aqua-Quake™ • Tag scan and favorite channel function • 14 hours of long battery life (TX: RX: Standby=5:5:90.) • Self check function • MIL-STD rugged construction • Internal VOX capability for hands-free operation • Variety of audio accessories • Supports 4-digit channels
* Available functions may be subject to local regulations.

Supplied Accessories
• BP-290 battery pack • BC-227 rapid charger • BC-123SE* AC adapter
• MBB-3 belt clip • FA-SC58V antenna • Hand strap
* May differ or not supplied, depending on version.

Intrinsically Safe Transceivers

For Marine Channels

ATEX Intrinsically Safe
Marine Channels

VHF MARINE TRANSCEIVER
IC–M87 ATEX (1 W)

FEATURES

- **ATEX Certifications**
  Gas: II 2G Ex ib IIA T3 Gb
  (Tamb=−20°C to +55°C)
- **Tough and compact body**
- **Marine and land channel groups**
- **22 programmable land channels**
- **Built-in voice scrambler**

• IPX7 waterproof protection • Dual watch and Tri-watch functions • Instant access to Ch 16 and call channel • Auto power save • Auto scan function • Tag scan function • Optional speaker-microphone, HM-138 • Supports 4-digit channels

Supplied Accessories
• BP-227AX battery pack • BC-152N battery charger
• BC-147SE* AC adapter • MB-86 belt clip
• FA-S59V antenna • Hand strap
* May not supplied depending on the transceiver version.

For PMR Channels

IC-F51ATEX   IC-F61ATEX

ATEX Intrinsically Safe
PMR Channels

VHF TRANSCEIVER
IC–F51 ATEX (1 W)

UHF TRANSCEIVER
IC–F61 ATEX (1 W)

FEATURES

- **ATEX Certifications**
  Gas: II 2G Ex ib IIA T3 Gb
  Dust: II 2D Ex tb IIIC T160°C Db IP67
  (Tamb=−20°C to +55°C)
- **IP67 dust-tight and waterproof protection**
- **Built-in 2-Tone, 5-Tone, CTCSS and DTCS**

• Lone Worker function • BIIS 1200 capability • MDC 1200 compatibility • Eight DTMF autodial memories • Compact body; 56 (W) × 97 (H) × 36.4 (D) mm • Optional speaker-microphone, HM–138 • 136–174 and 400–470 MHz, 1 W

Supplied Accessories
• BP-227AXD, battery pack • MB-98, belt clip • Antenna

IDAS™
ICOM DIGITAL ADVANCED SYSTEM

IC-F3202DEX   IC-F4202DEX

IECEx/ATEX Inrinsically
Safe Digital Radio

VHF TRANSCEIVER
IC–F3202DEX (1 W)

UHF TRANSCEIVER
IC–F4202DEX (1 W)

FEATURES

- **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   −20°C≤Ta≤+55°C
- **IEC Certifications**
  Ex ib I Mb   Ex ib IIC T4 Gb
  Ex ib IIIC T110°C Db   −20°C≤Ta≤+55°C
- **IP67 dust-tight and waterproof protection**
- **IDAS™ digital and analogue mixed mode**
- **Built-in 2-Tone, 5-Tone, CTCSS and DTCS**

• DTMF autodial • 16 memory channels • MDC 1200 (limited functions)* (* Depending on version) • BIIS 1200 (limited functions)* (* Depending on version) • Optional HM-203EX speaker-microphone • 136–174 and 400–470 MHz, 1 W

Supplied Accessories
• BP-277EX, battery pack • BC-212EX, desktop charger
• BC-123SE/SUK*, AC adapter • MB-94EX, belt clip • Antenna
* May differ depending on the transceiver version.

DO NOT use the transceiver with any other equipment not specified in the option list (Pages 9–10).
Please ask your dealer to ensure the ATEX and IECEx ratings are acceptable for the intended place of use.

4.3 inch Colour TFT LCD, Built-in AIS Receiver and Flexible Remote Control Configurations

VHF MARINE TRANSCEIVER
IC–M605EURO
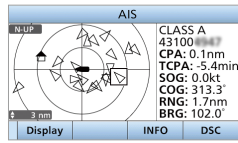
NMEA 2017+2018 Product Award Recipient

AIS plotter

AIS target list

Night mode

Supplied GPS antenna

FEATURES

- **Wide viewing angle, high contrast 4.3 inch colour TFT LCD**
- **Remote control with up to three COMMAND HEAD™/COMMANDMIC™**
- **Integrated AIS receiver (AIS RX data can be output through NMEA 0183-HS)**
- **NMEA 2000™ connectivity** • **Intuitive user interface**
- **Class leading receiver performance (Selectivity and IMD: 80 dB typ.)**
- **Active noise canceling** • **Last call voice recording for two minutes**
- **Voice scrambler with optional UT-112/A** • **15 W loud audio and 30 W two-way hailer**
- **Integrated GNSS receiver (GPS, GLONASS and SBAS)** • **Built-in Class D DSC**

• NMEA 0183-HS (High Speed) Version 1.01 connectivity (38.4 kbps) • IPX8 advanced waterproof (1m depth water for 60 minutes) • Fog horn • Dual watch and Tri-watch functions • Instant access to Ch 16 and Call channel • Tag scan and favorite channel functions • AquaQuake™ prevents audio degradation from a water-logged speaker • Priority scan function • Display and keypad backlighting • External speaker connection • Supports 4-digit channels

Flexible Remote Controll Scenario

The IC-M605EURO can be remotely controlled with up to three COMMAND HEAD™/COMMANDMIC™. All functions (including Distress) of the IC-M605EURO can be controlled with the RC-M600. With the RC-M600 and/or HM-229B/W* connected, the IC-M605EURO provides an intercom system allowing two way private communications.

* Optional connection cable, OPC-2384 is required.

Installation Example

HM-229B/W — Flybridge

IC-M605EURO — Cockpit

RC-M600 — Salon

RC-M600 — Bedroom

Full Remote Control from Optional Command Station

COMMAND HEAD™
RC–M600

Space-Saving Compact Body for Daily Operations

COMMANDMIC™
HM–229B/W

• Black and white colour version

* Photo shows HM-229B.

VHF Fixed Mount Transceivers

VHF and AIS/GPS Receiver Combo with NMEA 2000™ Connectivity

Supplied GPS antenna

VHF MARINE TRANSCEIVER
IC−M506GE

FEATURES

- Integrated AIS Receiver
- NMEA 2000™ connectivity
- 2 minutes last call voice recording
- Intuitive user interface
- Active noise canceling
- Built-in GPS receiver (GPS antenna supplied)

- 15 W loud audio and 25 W two-way hailer
- Optional COMMANDMIC™, HM-195 series
- IPX8 advanced waterproof (1 m depth water for 60 minutes)
- Built-in Class D DSC
- Meets ITU-R M493-14 spec

• Dual watch and Tri-watch functions • Instant access to Ch 16 and Call channel • Tag scan and favorite channel functions • AquaQuake™ • Priority scan function • Display and keypad backlighting • External speaker connection • Option voice scrambler UT-112/A • Large dot-matrix display • Rear panel microphone version • Supports 4-digit channels

Top Performance Ultra Compact VHF

VHF MARINE TRANSCEIVER
IC−M330GE

Supplied GPS antenna

Available in black or white.

FEATURES

- Ultra compact body (W×H×D; 156.5 × 66.5 × 110.1 mm)
- Uncompromised receiver performance (Selectivity and IMD: more than 70 dB)
- Intuitive user interface • Dynamic clear audio from bass to treble
- Easy-to-read full dot-matrix display • Built-in GPS receiver (GPS antenna supplied)
- Meets ITU-R M493-14 spec * IC-M330E (without GPS receiver) also available depending on countries.
- Built-in Class D DSC

• IPX7 waterproof • Dual watch and Tri-watch functions • Instant access to Ch 16 and Call channel • Tag scan and favorite channel functions • AquaQuake™ • Priority scan function • Display and keypad backlighting • External speaker connection • Supports 4-digit channels

COMMANDMIC™

Full Remote Control Capability

REMOTE-CONTROL MICROPHONES
HM−195GB/GW
(White backlight LCD)
HM−195B/SW
(Amber backlight LCD)

Above photo shows HM-195B
Available in black or super white.

FEATURES

- Full control 2nd station capability for IC-M506GE
- Intercom function with IC-M506GE
- Distress button on the rear panel

AIS Transponder

Fully Capable Class B AIS Transponder

CLASS B AIS TRANSPONDER
MA−500TR

FEATURES

- Class B AIS transponder • Use with MXG-5000S GPS receiver*
- CPA and TCPA collision-risk management
- AIS target call with Icom VHF transceivers

* The MXG-5000S may be sold separately, depending on country.

IP ADVANCED RADIO SYSTEM

Full-Duplex Communication That Works Over a Wireless LAN and IP Network

System Features

Wireless Communication System among Ship Crews	**Individual, Group or Area Communication**
Hands-free, Full-duplex Communication with Optional Earphone-mic or Headset	**Interconnect between VHF Marine Transceiver and Public Address System**

Remote Communicator IP100FS

RoIP Gateway VE-PG4

VHF Marine Transceiver

Wireless LAN Access Point AP-90M

Public Address System

IP Network

Controller IP1000C

IP Communication Terminal IP100H
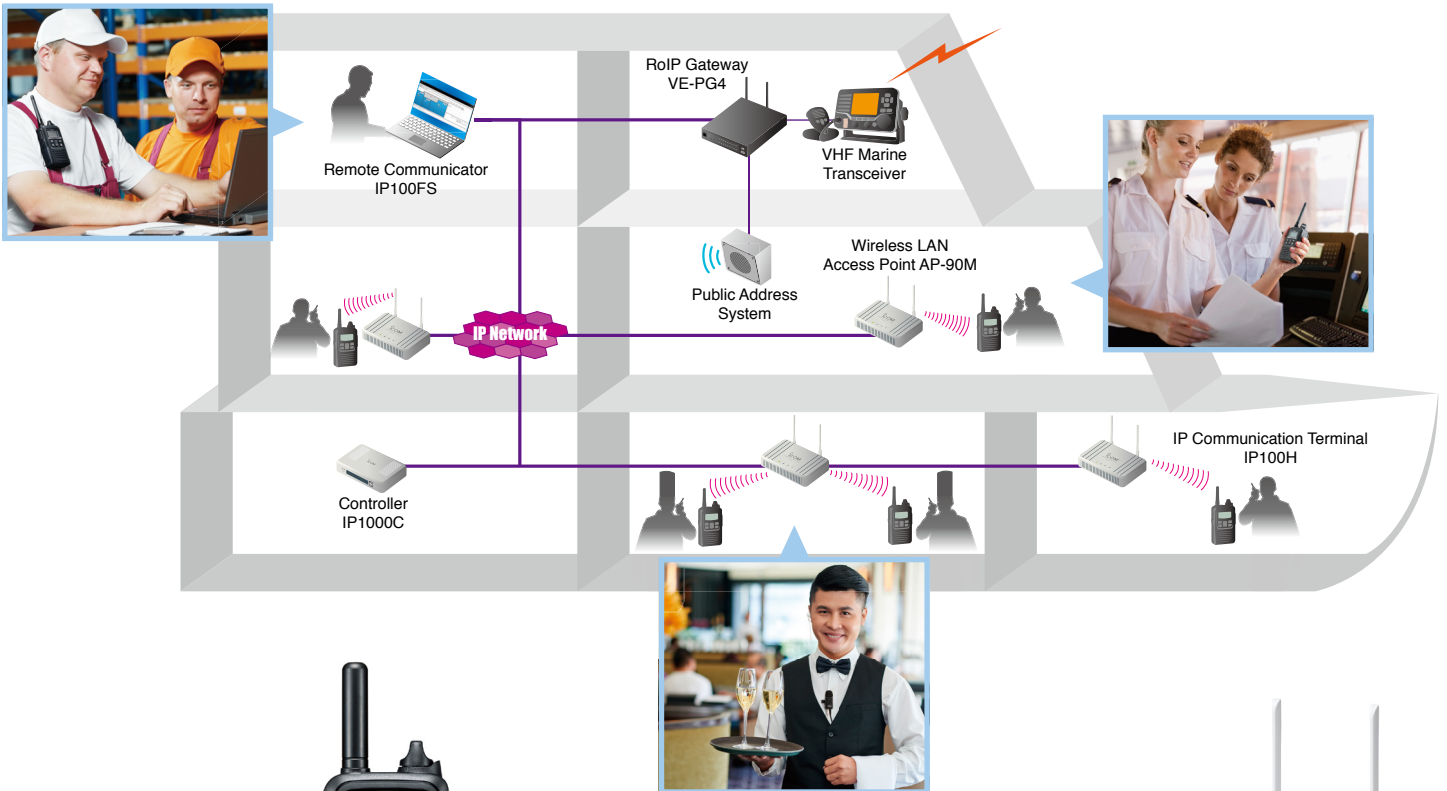
IP Communication Terminal
IP100H

- Licence-free communication terminal using IEEE 802.11 a/b/g/n standards
- WPA-PSK or WPA2-PSK encryption
- IPX7 waterproof (1 m depth water for 30 minutes)
- Compact 58 × 95 × 26.4 mm body and 205 g (approximate) lightweight
- Vibration alert function for incoming calls
- Tested to the MIL-STD 810G specifications
- Emergency function

Remote Communicator Software
IP100FS
(Supplied with USB flash drive for use as a USB hardware key)
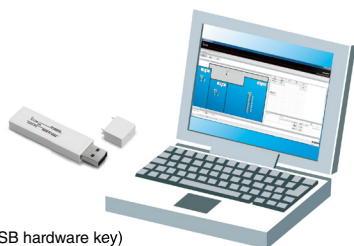
- The IP100FS can communicate with IP communication terminals from a PC
- The IP100FS can obtain location information of each IP100H based on using access points
- Can be installed to a Windows® based tablet PC as well as laptop PC

Wireless LAN Access Point
AP-90M

- IEEE 802.11 a/b/g/n/ac compliant
- PoE (Power over Ethernet) capability
- Optional RS-AP3, access point management software

Controllor
IP1000C

- The IP1000C controls all terminal configurations and voice traffic
- Capable of controlling up to 100 terminals (including IP100FS)

RoIP Gateway
VE-PG4

- VE-PG4 multiple-site connection through LAN or LTE (4G) and 3G network* (* Service availability depends on the country. Network coverage provided by a custom SIM card.)
- Wireless LAN transceiver controller (Equivalent to IP1000C function) built-in, capable of controlling up to 50 IP communication terminals
- IP phone system connection with SIP server function
- IDAS™ Conventional and NXDN™ Type-D multi-site trunking connection
- Analogue radio system connection

GMDSS
Global Maritime Distress and Safety System

The Global Maritime Distress and Safety System (GMDSS) is the International radio safety system for ships mandated by the International Maritime Organization (IMO). The GMDSS system provides automated distress alerting and distress communication service with location information.

Class A DSC VHF Radio with Wide Viewing Angle Colour TFT LCD

VHF MARINE TRANSCEIVER
GM600

MED

Day mode

Night mode

PS-310 DC-DC converter

Reliable Long Distance MF/HF Communication

MF/HF MARINE TRANSCEIVER
GM800

MED

ICOM
AUTOMATIC ANTENNA TUNER
AT-141

FEATURES

- **Meets VHF GMDSS requirements for SOLAS ships**
- **Certified for European Maritime Equipment Directive (MED)**
- **ITU Class A DSC**
- **Large and high contrast 4.3-inch colour TFT LCD**
- **Intuitive user interface for straightforward operation**
- **10 W audio output power with external speaker**
- **Dedicated DSC watch receiver for continuous Channel 70 monitoring**

• Printer connector (D-SUB 25-pin) • VDR (Voyage Data Recorder)/External speaker connector

• IEC 61162-1 input/output • Superior sound quality with a wide frequency range and a flat frequency response

• Optional handset, HS-98 (#16) • IPX7 waterproof for front panel

• Dual watch and Tri-watch functions • Instant access to Ch 16 and call channel

• Tag scan and favorite channel functions • Priority scan function

• Unified design with GM800 (MF/HF) • Supports 4-digit channels

Please Note: PS-310 MUST BE USED with GM600 for MED certification compliance.

MED

Day mode

Night mode
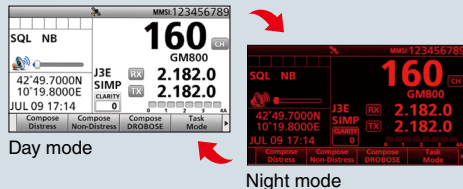
FEATURES

- **Meets MF/HF GMDSS requirements for SOLAS ships**
- **Certified for European Maritime Equipment Directive (MED)**
- **ITU Class A DSC**
- **Large and high contrast 4.3-inch colour TFT LCD**
- **Intuitive user interface for straightforward operation**
- **Dedicated DSC watch receiver for continuous scanning of the six distress channels**
- **Optional automatic antenna tuner, AT-141**

• 125 W* (PEP) output power • Built-in 24 V DC-DC converter

• Parallel printer port • External SP connector

• IEC 61162-1 input/output • Superior sound quality with a wide frequency range and a flat frequency response

• Supplied handset, HS-98 (#17) • IPX7 waterproof for controller

• Maximum 160 programmable channels • Program scan, channel scan and channel resume scan

• Unified design with GM600 (VHF)

* 85 W (PEP) 1.6–3.999 MHz

Please Note: The complete GMDSS installation for MF/HF DSC (Class A) and telephony additionally requires the optional antenna tuner, AT-141.

SURVIVAL CRAFT 2-WAY RADIO

IC‑GM1600E

GMDSS Portable for Survival Craft

FEATURES

- **Meets strict environmental requirements for GMDSS**
- **2 W output power for long lasting battery**
- **Primary (non-rechargeable) lithium battery pack, BP-234**
- **Highly visible yellow-coloured body**

• Instant access to Ch 16 and call channel • Auto power save
• 4-step battery indicator

Included Accessories
• BP-252 battery pack • BC-173 battery charger
• BC-147SE AC adapter • MB-103Y belt clip
• FA-S61V antenna (Fixed type) • Neck strap

Please Note: BP-234 MUST BE USED with IC-GM1600E for GMDSS requirement.

Options for Handheld Transceivers

MODEL NAME	BATTERY CASES		BATTERY PACKS						
	BP-291 LR6 (AA)×5 cells	**BP-251***1 LR03 (AAA)×5 cells	**BP-227AX** (Li-ion) For intrinsically safe radios 7.4 V/1850 mAh (min.) 1950 mAh (typ.)	**BP-227AXD** (Li-ion) For intrinsically safe radios 7.4 V/1850 mAh (min.) 1950 mAh (typ.)	**BP-277EX** (Li-ion) For intrinsically safe radios 7.4 V/1800 mAh (min.) 1900 mAh (typ.))	**BP-285** (Li-ion) 7.4 V/1485 mAh (min.) 1570 mAh (typ.)	**BP-245H** (Li-ion) 7.2 V/2100 mAh (min.) 2250 mAh (typ.)	**BP-252** (Li-ion) 7.4 V/940 mAh (min.) 980 mAh (typ.)	**BP-290** (Li-ion) 7.2 V/1910 mAh (min.) 2010 mAh (typ.)
IC-M93D EURO						✔			
IC-M73EURO							✔		
IC-M35		✔						✔	
IC-M25EURO*2									
IC-M85E	✔								✔
IC-M87ATEX			✔						
IC-F51 ATEX / IC-F61 ATEX				✔					
IC-F3202DEX / IC-F4202DEX					✔				
IC-GM1600E								✔ (On-board use only)	

*1 The IC-M35 floats when used with most common brand AAA batteries. Battery weight varies by manufacturer. Please check your IC-M35 for buoyancy in a shallow area first when using AAA batteries.
*2 As the Lithium-ion battery cell (3.7 V 1500 mAh) is built-in to the IC-M25EURO, the user cannot replace the battery cell.

MODEL NAME	BATTERY PACKS		DESKTOP CHARGERS						
	BP-234 (Lithium) 9.0 V/3300 mAh (non-rechargeable)	**BC-212EX***3 Rapid charger for intrinsically safe radios	**BC-220** Rapid charger	**BC-210** Rapid charger	**BC-162** Rapid charger	**BC-173** Regular charger	**BC-219N** Rapid charger	**BC-225** Intelligent rapid charger	**BC-226** Connectable type. Connects up to six BC-226 units.
IC-M93D EURO		✔							
IC-M73EURO			✔						
IC-M35					✔	✔			
IC-M25EURO									
IC-M85E							✔	✔	✔
IC-M87ATEX									
IC-F51 ATEX / IC-F61 ATEX									
IC-F3202DEX / IC-F4202DEX		✔							
IC-GM1600E	✔ (For survival craft)							✔ (On-board use only)	

MODEL NAME	DESKTOP CHARGERS			MULTI-CHARGERS			AC ADAPTERS		
	BC-227 Rapid charger	**BC-119N***3 Rapid charger	**BC-152N***3 Regular charger	**BC-214***4 Rapid charger	**BC-197***5 Rapid charger	**BC-121N***3 Rapid charger	**BC-123SE/SUK** 12 V/1 A	**BC-145SE/SUK** 16 V/0.93 A	**BC-147SE** 12 V/330 mA
IC-M93D EURO				✔ (Use #13, AD-133 installed)			✔ (Use with BC-220)		
IC-M73EURO					✔ (Use #33, AD-129 installed)		✔ (Use with BC-210)		
IC-M35							✔ (Use with BC-162)	✔ (Use with BC-162)	✔ (Use with BC-173)
IC-M25EURO									
IC-M85E	✔			✔ (Use #23, AD-132N installed)			✔ (Use with BC-219N, BC-225 or BC-227)		
IC-M87ATEX		✔ (Use with AD-100)	✔			✔ (Use with AD-100)		✔ (Use with BC-119N)	✔ (Use with BC-152N)
IC-F51 ATEX / IC-F61 ATEX		✔ (Use with AD-100)	✔			✔ (Use with AD-100)		✔ (Use with BC-119N)	✔ (Use with BC-152N)
IC-F3202DEX / IC-F4202DEX							✔ (Use with BC-212EX)		
IC-GM1600E									✔ (Use with BC-173, On-board use only)

MODEL NAME	AC ADAPTERS		USB CHARGER	CHARGER ADAPTERS	CIGARETTE LIGHTER CABLES		DC POWER CABLES		READER SOFTWARE
	BC-157S 12 V/7.5 A	**BC-228** 15 V/4 A	**BC-217SE** 5 V/1 A	**AD-100** **AD-132N***4 **AD-133***4 **AD-129***5 Photo shows AD-100	**CP-25H**	**CP-23L**	**OPC-515L**	**OPC-656**	**RS-BC225**
IC-M93D EURO	✔ (Use with BC-214)			✔ (Use AD-133 with BC-214)	✔ (Use with BC-220)			✔ (Use with BC-214)	
IC-M73EURO	✔ (Use with BC-197)			✔ (Use AD-129 with BC-197)	✔ (Use with BC-210)		✔ (Use with BC-210)	✔ (Use with BC-197)	
IC-M35									
IC-M25EURO			✔						
IC-M85E	✔ (Use with BC-214)	✔ (Use with BC-226)		✔ (Use AD-132N with BC-214)	✔ (Use with BC-219N, or BC-227)	✔ (Use with BC-219N, BC-225 or BC-227)	✔ (Use with BC-214)		✔ (Use with BC-225)
IC-M87ATEX	✔ (Use with BC-121N)			✔ (Use AD-100 with BC-119N/121N)					
IC-F51 ATEX / IC-F61 ATEX	✔ (Use with BC-121N)			✔ (Use AD-100 with BC-119N/121N)					
IC-F3202DEX / IC-F4202DEX									
IC-GM1600E									

*3 The battery charger must not be used in an explosive atmosphere. *4 Either AD-133 or AD-132N is supplied with the BC-214, depending on version. *5 AD-129 is supplied with the BC-197, depending on version.

SPEAKER-MICROPHONES

MODEL NAME	HM-203EX (For intrinsically safe radios, Waterproof)	HM-228 (Waterproof)	HM-165 (Waterproof)	HM-202 (Waterproof)	HM-167 (Waterproof)	HM-213 (Waterproof)	HM-222 (Waterproof)	HM-236 (Waterproof)	HM-138 (Waterproof)
IC-M93D EURO		✔	✔						
IC-M73EURO				✔	✔				
IC-M35			✔						
IC-M25EURO					✔				
IC-M85E							✔	✔	
IC-M87ATEX									✔
IC-F51 ATEX / IC-F61 ATEX									✔
IC-F3202DEX / IC-F4202DEX	✔								
IC-GM1600E									

MODEL NAME	TIE-CLIP MICROPHONE HM-163MC	HEADSETS HS-94 (Earhook type with boom microphone)	HEADSETS HS-95 (Behind-the-head type)	HEADSETS HS-97 (Throat microphone type)	PTT SWITCH CABLE VS-5MC (Manual PTT/VOX operation)	EARPHONES EH-15B	EARPHONES SP-26 (Tube earphone)	EARPHONES SP-27 (Tube earphone)	EARPHONES SP-28
IC-M93D EURO									
IC-M73EURO									
IC-M35									
IC-M25EURO									
IC-M85E	✔	✔ (Use with VS-5MC)	✔ (Use with VS-5MC)	✔ (Use with VS-5MC)	✔	✔ (Use with HM-163MC)	✔ (Use with HM-163MC)	✔ (Use with HM-222 or AD-135)	✔ (Use with HM-163MC)
IC-M87ATEX									
IC-F51 ATEX / IC-F61 ATEX									
IC-F3202DEX / IC-F4202DEX									
IC-GM1600E									

MODEL NAME	EARPHONES SP-29	EARPHONES SP-32 (Tube earphone adapter)	EARPHONES SP-40	ACC ADAPTERS AD-118 (6-Pin Hirose plug adapter)	ACC ADAPTERS AD-135 (3.5 mm jack earphone adapter)	MB-94EX (For intrinsically safe radios)	BELT CLIPS MB-86 MB-136 (Swivel type)	BELT CLIPS MB-98 MB-103/103Y MB-109 MB-133 MBB-3 (Alligator)	BELT HANGERS MB-96N (Swivel type)
IC-M93D EURO								✔ (Use MB-133)	
IC-M73EURO							✔ (Use MB-86)	✔ (Use MB-103)	✔
IC-M35								✔ (Use MB-109)	
IC-M25EURO								✔ (Use MB-133)	
IC-M85E	✔ (Use with HM-222 or AD-135)	✔ (Use with EH-15B)	✔ (Use with HM-222 or AD-135)	✔	✔		✔ (Use MB-136)	✔ (Use MBB-3)	✔
IC-M87ATEX							✔ (Use MB-86)	✔ (Use MB-98)	
IC-F51 ATEX / IC-F61 ATEX							✔ (Use MB-86)	✔ (Use MB-98)	
IC-F3202DEX / IC-F4202DEX					✔				
IC-GM1600E								✔ (Use with MB-103Y)	

MODEL NAME	BELT HANGERS MB-96F (Fixed type)	BELT HANGERS MB-96FL (Long type)	CARRYING CASES LC-187 (Charging is possible while the case is attached)	CARRYING CASES LC-188	ANTENNAS FA-S59V FA-S64V FA-SC58V FA-SC59V	ANTENNAS FA-S24V 136–150 MHz / FA-S59V / FA-SC59V 150–174 MHz / FA-S27U 400–470 MHz / FA-S56U 450–520 MHz	ANTENNAS FA-S62VS 150–162 MHz / FA-S63VS 160–174 MHz / FA-S57US 450–490 MHz	ANTENNAS FA-SC25V 136–150 MHz / FA-SC55V 150–174 MHz / FA-SC25U 400–430 MHz / FA-SC57U 430–470 MHz
IC-M93D EURO	✔	✔			FA-SC59V			
IC-M73EURO	✔	✔			FA-S59V or FA-S64V			
IC-M35					FA-SC58V			
IC-M25EURO					FA-SC59V			
IC-M85E	✔	✔	✔	✔	FA-SC58V			
IC-M87ATEX	✔				FA-S59V			
IC-F51 ATEX / IC-F61 ATEX	✔					✔	✔	
IC-F3202DEX / IC-F4202DEX								✔
IC-GM1600E					Fixed type			

✔ : Applicable   ☐ : Not applicable

The IC-M87 ATEX Intrinsically Safe model should only be used with the specified Intrinsically Safe approved options.
Some options may not be available in some countries. Please ask your dealer for details.

Options for Fixed Mount Transceivers

VHF FIXED MOUNT TRANSCEIVERS

MODEL NAME	HAND MICROPHONES			COMMAND HEAD™	COMMANDMIC™			HORN SPEAKER	HANDSET
	HM-205B/RB Speaker microphone	HM-235B/W	HM-214V	RC-M600	HM-229B/W	HM-195B/SW	HM-195GB/GW	SP-37	HS-98 (#16)
IC-M605EURO	✔ (Use with HM-205RB)			✔	✔			✔	
IC-M506GE	✔ (Use with HM-205B)					✔	✔	✔	
IC-M330GE		✔						✔	
GM600			✔						✔

MODEL NAME	CONNECTION CABLE	EXTENSION CABLES			DC-DC CONVERTER	FLUSH MOUNT KITS	VOICE SCRAMBLER	GPS ANTENNA
	OPC-2384 12-pin to 8-pin for use with COMMANDMIC	OPC-2377 10 m; 32.8 ft cable	OPC-1541 6.1 m; 20 ft cable for use with COMMANDMIC and rear microphone connection	OPC-1000 6.1 m; 20 ft cable for use with rear microphone connection.	PS-310 (#01) 24 V input / PS-310 (#02) 12 V input	MB-75 MB-132 MBF-5 (Photo shows MB-75)	UT-112/A Total of 32 voice scramble codes available	UX-241
IC-M605EURO	✔ (Use with HM-229B/W)	✔ (Use with RC-M600)	✔ (Use with HM-229B/W, HM-205RB)	✔ (For use with HM-205RB)		✔ (Use with MB-132, MB-75)	✔	✔ (Same as supplied)
IC-M506GE			✔ (Use with COMMANDMIC)			✔ (Use with MB-132, MB-75)	✔	
IC-M330GE						✔ (Use with MBF-5)		
GM600					✔			

AIS TRANSPONDER

MODEL NAME	FLUSH MOUNT KITS		GPS RECEIVER
	MB-75	MB-132	MXG-5000S
MA-500TR	✔	✔	✔

MF/HF FIXED MOUNT TRANSCEIVER

MODEL NAME	HAND MICROPHONE	HANDSET	EXTERNAL SPEAKER	ANTENNA TUNER	SHIELDED CONTROL CABLE	MOUNTING BRACKET
	HM-214H	HS-98 (#17)	SP-24E (#18)	AT-141 IP56	OPC-1465 10 m; 32.8 ft	MB-108
GM800	✔	✔	✔	✔	✔ (Use with AT-141)	✔

✔ : Applicable   : Not applicable

Options for IP Advanced Radio System

MODEL NAME	BATTERY PACKS		BATTERY CASE	RAPID CHARGER	MULTI-CHARGER	SPEAKER-MICROPHONES		EARPHONE-MICROPHONES	
	BP-271 (Li-ion) 7.4 V/1150 mAh (min.) 1200 mAh (typ.)	**BP-272** (Li-ion) 7.4 V/1880 mAh (min.) 2000 mAh (typ.)	**BP-273** LR6 (AA) × 3 cells	**BC-202** + BC-123SA/SE	**BC-211** + BC-157S	**HM-183LS** Waterproof	**HM-186LS**	**HM-153LS**	**HM-166LS**
IP100H	✔	✔	✔	✔	✔	✔	✔	✔	✔

MODEL NAME	HEADSETS (Full-duplex operation)		HEADSETS (Simplex operation)			PLUG ADAPTER CABLES		PTT SWITCH CABLES	
	HS-102 Earphone type	**HS-85** Over-the-head type with PTT switch	**HS-94** Earhook type with boom microphone	**HS-95** Behind-the-head type	**HS-97** Throat micro-phone type	**OPC-2006LS** For VOX opera-tion	**OPC-2144** Slim L-type plug	**OPC-2359**	**OPC-2328** For manual PTT operation
IP100H	✔ (Use with OPC-2359)	✔ (Use with OPC-2144)	✔ (Use with OPC-2006LS or OPC-2328)	✔ (Use with OPC-2006LS or OPC-2328)	✔ (Use with OPC-2006LS or OPC-2328)	✔	✔	✔	✔

MODEL NAME	AC ADAPTERS			AUDIO CONNECTION CABLES					ACCESS POINT MANAGER
	BC-207S 12 V/4.2 A	**BC-147SE** 12 V/330 mA	**BC-236** 12 V /8.3 A	**OPC-2273** For VHF radio 5 m; 16.4 ft	**OPC-2275** For mobile transceiver 5 m; 16.4 ft	**OPC-2276** For HM-152 or SM-26 5 m; 16.4 ft	**OPC-2389** For RS-232 serial connection 5 m	**OPC-2390** For IC-FR5100 series 5 m	**RS-AP3**
IP100FS		✔							
AP-90M	✔								✔
IP1000C									
VE-PG4			✔	✔	✔	✔	✔	✔	

MODEL NAME	DESKTOP MICROPHONE	HAND MICROPHONE	MICROPHONE ADAPTER
	SM-26	**HM-152**	**CT-23**
IP100FS	✔ (Use with CT-23)	✔ (Use with CT-23)	✔
AP-90M			
IP1000C			
VE-PG4	✔	✔	

Some options may not be available in some countries. Please ask your dealer for details.

Specifications for VHF Handheld Transceivers

	IC-M93D EURO	IC-M73EURO	IC-M35	IC-M25EURO	IC-M85E
Frequency range (Unit: MHz)	TX: 156.000–161.450, 156.000–161.600* RX: 156.000–163.425 CH70: 156.525 (* For only HOL version)	TX: 156.000–161.450 RX: 156.000–163.425	TX: 156.000–161.450 RX: 156.000–163.425	TX: 156.000–161.450 RX: 156.000–163.425	TX: 156.000–161.450 RX: 156.000–163.425 TX/RX: 136–174 (PMR)
Dimensions (projections not included; W × H × D)	57.0 × 144.6 × 38.5 mm	52.5 × 125 × 30 mm	62 × 139.5 × 43 mm	56.6 × 134.2 × 30.5 mm	56 × 92 × 29 mm
Weight (approx.)	300 g (With BP-285, FA-SC59V and MB-133)	320 g (With BP-245H, MB-103 and FA-S64V)	295 g (With BP-252, MB-109 and FA-SC58V)	220 g (With MB-133 and FA-SC59V)	246 g (With BP-290, FA-SC58V and MBB-3)
Current drain — Transmit(High)	1.5 A	1.5 A typical	1.5 A typical	2.3 A (at 3.7 V DC)	1.5 A
Current drain — Max. audio	250 mA typical (External SP) 450 mA typical (Internal SP)	250 mA typical (External SP) 450 mA typical (Internal SP)	200 mA typical (External SP) 300 mA typical (Internal SP)	200 mA typical (External SP) 300 mA typical (Internal SP)	450 mA
Sensitivity (at 20 dB SINAD; emf)	−6 dBµ typical	−4 dBµ typical	−2 dBµ typical	−6 dBµ typical	−4 dBµ emf typ. (Marine) −4 dBµ emf typ. (PMR: Wide) −2 dBµ emf typ. (PMR: Narrow)
Intermodulation rejection	68 dB	68 dB	68 dB	68 dB	68 dB (Marine) 65 dB (PMR)
Audio output power — External SP	200 mW (8 Ω load)	200 mW (8 Ω load)	200 mW (8 Ω load)	200 mW typical (4 Ω load)	700 mW typical (8 Ω load @ 1 kHz)
Audio output power — Internal SP @1 kHz	900 mW typical (12 Ω load)	700 mW typical (8 Ω load)	700 mW typical (16 Ω load)	550 mW typical (12 Ω load)	700 mW typical (12 Ω load)
RF output power	5 W/1 W/0.5 W* (* For only FRG version)	6 W/3 W/1 W/0.5 W* (* For only FRG version)	6 W/1 W/0.5 W* (* For only FRG version)	5 W/1 W/0.5 W* (* For only FRG version)	5 W/3 W/1 W
Operating time (approx.)	9 hours (with BP-285)[1]	Plus version 17 hours Basic version 20 hours (with BP-245H)[1]	8 hours (with BP-252)[1]	11 hours (with built-in battery)[1]	14 hours (with BP-290)[1]
Waterproof protection	IPX7 (1 m depth/30 min.)	IPX8 (1.5 m depth/30 min.)	IP57 (1 m depth/30 min.)	IPX7 (1 m depth/30 min.)	IP67 (1 m depth/30 min.)
Integrated GNSS receiver	✔	–	–	–	–
Float'n Flash	✔	–	Buoyant only	✔	–

Measurements made in accordance with EN 302-885 for IC-M93D EURO. EN 301-178 for IC-M73EURO, IC-M35 and IC-M25EURO. EN 301-178 or EN 300 086 for IC-M85E.
[1] Typical operation, TX:RX:Stand-by=5:5:90

	IC-M87ATEX	IC-F51 ATEX	IC-F61 ATEX	IC-F3202DEX	IC-F4202DEX	IC-GM1600E
Frequency range (Unit: MHz)	TX: 156.000–161.450 RX: 156.000–163.425 TX/RX: 146–174 (PMR)	TX/RX: 136–174 MHz	TX/RX: 400–470 MHz	TX/RX: 136–174 MHz	TX/RX: 400–470 MHz	TX/RX: 156.300–156.875
Dimensions (projections not included; W × H × D)	62 × 97 × 39 mm	56 × 97 × 36.4 mm (with BP-227AXD)		63 × 144 × 50 mm (with BP-277EX)		65 × 145 × 44 mm
Weight (approx.)	280 g (With BP-227AX)	295 g (with BP-227AXD)		466 g (with BP-277EX, belt clip & ant.)	460 g (with BP-277EX, belt clip & ant.)	385 g (With BP-234)
Current drain — Transmit(High)	0.7 A typical	0.7 A	0.8 A	550 mA		1.0 A/0.7 A (2 W/1 W)
Current drain — Max. audio	200 mA typical	300 mA		300 mA		200 mA typical
Sensitivity (at 20 dB SINAD; emf)	−2 dBµ typical (Marine) −4 dBµ typical (PMR)	−4 dBµV typical		−4 dBµV typical		−2 dBµ typical
Intermodulation rejection	68 dB (Marine) 65 dB (PMR)	67 dB typical (W/M/N)		67 dB typical (W/M/N) 73 dBµV typical (Digital, emf)		68 dB
Audio output power — External SP	200 mW (8 Ω load) (Marine) 350 mW typical (8 Ω load) (PMR)	500 mW typical (8 Ω load)		400 mW typical (32 Ω load)		200 mW (8 Ω load)
Audio output power — Internal SP @1 kHz	–	–		800 mW typical (32 Ω load)		350 mW typical (8 Ω load)
RF output power	1 W	1 W		1 W		2 W/1 W
Operating time (approx.)	19 hours (with BP-227AX)[1]	16.5 hours (with BP-227AXD)[2]		21.5 hours (with BP-277EX)[2]	19 hours (with BP-277EX)[2]	Specified as IMO Res. MSC.149(77)
Waterproof protection	IPX7 (1 m depth/30 min.)	IP67 (1 m depth/30 min.)		IP67 (1 m depth/30 min.)		Specified as IMO Res. MSC.149(77)
Integrated GNSS receiver	–	–		–		–
Float'n Flash	–	–		–		–

Measurements made in accordance with EN 301-178 or EN 300 086 for IC-M87 ATEX. EIA-152-C/204D, TIA-603 or EN 300 086 for IC-F51 ATEX, F61 ATEX.
TIA-603, EN 300-086, EN 301-166 for IC-F3202DEX, F4202DEX. EN 301-178-2, EN 300 086 or IEC61097-12 for IC-GM1600E.
[2] Conventional mode. 5:5:90 duty cycle, power save ON.

Specifications for Fixed Mount Transceivers

VHF FIXED MOUNT TRANSCEIVERS

		IC-M605EURO	IC-M506GE	IC-M330GE	GM600
Frequency range		TX: 156.000–161.600 MHz RX: 156.000–163.425 MHz CH 70: 156.525 MHz AIS 1: 161.975 MHz AIS 2: 162.025 MHz	TX: 156.000–162.000 MHz RX: 156.000–163.425 MHz CH 70: 156.525 MHz AIS 1: 161.975 MHz AIS 2: 162.025 MHz	TX: 156.000–162.000 MHz RX: 156.000–163.425 MHz CH70: 156.525 MHz	TX: 156.025–161.600 MHz RX: 156.025–162.000 MHz CH70: 156.525 MHz
Power supply requirement		13.8 V DC (10.8–15.6 V DC)	13.8 V DC (10.8–15.6 V DC)	13.8 V DC (10.8–15.6 V DC)	24 V DC (21.6–31.2 V DC)[1] 12 V DC (10.8–15.6 V DC)[2] (negative ground)
Dimensions (projections not included; W × H × D)		274 × 114 × 121.5 mm	178.9 × 113.9 × 113.8 mm	156.5 × 66.5 × 110.1 mm	274 × 114 × 121.5 mm
Weight (approx.)		1.5 kg	1.4 kg	730 g	1.6 kg
Current drain	Transmit (High)	6.0 A max.	5.5 A	5 A	3.3 A[1]
	Max. audio	8.0 A max. (Ext SP, RX hailer ON, HM-229×3)	5 A typ. (Ext SP, RX hailer ON) 1.5 A (Internal SP)	1 A	2.0 A[1]
Sensitivity	Main (20 dB SINAD)	−5 dBµ emf typical	−5 dBµ emf typical	−5 dBµ emf typical	−7 dBµ emf typical
	DSC (1% BER)	−3 dBµ emf typical	−4 dBµ emf typical	−5 dBµ emf typical	−7 dBµ emf typical
Intermodulation	Main	More than 75 dB	More than 75 dB	More than 68 dB	More than 75 dB
	DSC (1% BER)	More than 73 dBµ emf	More than 68 dBµ emf	More than 68 dBµ emf	73 dBµ emf
Audio output power (10% dist./4 Ω load)		More than 15 W (External speaker)	15 W (External speaker)	More than 2 W	10 W (External speaker) 2 W (Internal speaker)
RF output power		25 W/1 W	25 W/1 W	25 W/1 W	25 W/1 W
NMEA interface		NMEA 2000, NMEA 0183/0183-HS × 2	NMEA 2000/0183	NMEA 0183	IEC 61162-1
AIS Receiver		Built-in	Built-in	–	–
GPS Receiver		Built-in	Built-in	Built-in	External

Measurements made in accordance with EN 301 025-2, -3 for IC-M605EURO, IC-M506GE and IC-M330GE. EN301 925 for GM600.
[1] With PS-310 (#01).   [2] With PS-310 (#02).

AIS TRANSPONDER

		MA-500TR
Frequency range		161.975, 162.025 MHz (default), 156.025–162.025 MHz
Type of emission		16K0GXW (GMSK)
Power supply requirement		12.0 V DC (9.6–15.6 V)
Dimensions (projections not included; W × H × D)		165 × 110 × 123 mm
Weight (approx.)		1.0 kg
Current drain	Transmit	1.5 A
	Receive	0.7 A
Sensitivity (20% error rate)		−110 dBm
Intermodulation rejection		65 dB
RF output power		2 W

Measurements made in accordance with IEC62287-1.

MF/HF FIXED MOUNT TRANSCEIVER

		GM800
Frequency range		TX: 1.6–27.5000 MHz (ITU marine channels) RX: 0.5–29.9999 MHz (continuously) DSC: 2.1875, 4.2075, 6.3120, 8.4145, 12.5770, 16.8045 MHz
Current drain	Tx/Rx	J3E (USB/LSB*), H3E* (AM), J2B* (AFSK), F1B (FSK), A1A* (CW)
	DSC	F1B
Power supply requirement		24 V DC (21.6–31.2 V DC) (floating ground)
Dimensions (projections not included; W × H × D)	Main unit	367 × 95 × 260 mm
	Controller	274 × 114 × 86 mm
Weight (approx.)	Main unit	8.6 kg
	Controller	760 g
Current drain	Transmit (Max. power)	Less than 20 A (at 1.1 kHz and 1.7 kHz two tones)
	Receive (Max. audio)	Less than 3.0 A
Sensitivity	J3E, A1A (20 dB SINAD)	30 dBµV emf (0.5–1.599 MHz) 16 dBµV emf (1.6–3.999 MHz) 11 dBµV emf (4.0–29.999 MHz)
	J2B, F1B (1% error rate)	3 dBµV emf (1.6–2.099 MHz) 0 dBµV emf (2.1–27.5 MHz)
	H3E (20 dB SINAD)	44 dBµV emf (0.5–1.599 MHz) 30 dBµV emf (1.6–3.999 MHz)
	DSC (J2B) (1% error rate)	0 dBµV emf
Audio output power		4 W with 4 Ω load (External speaker) 2 W with 8 Ω load (Internal speaker)
RF output power		125 W (4.0–27.5 MHz) (at AT-141 output power) 85 W (1.6–3.999 MHz) (at AT-141 output power)

Measurements made in accordance with EN300 373-1 for GM800.
* Receive only.

Specifications for IP Advanced Radio System

	IP100H
Wireless standards	IEEE 802.11 a/b/g/n
Frequency coverage*	2.4–2.4835 GHz, 5.15–5.35, 5.47–5.85 GHz
Dimensions (W×H×D; projections not included)	58 × 95 × 26.4 mm (with BP-271)
Weight (approx.)	205 g (with BP-271 and antenna)
RF output power	Less than 10 mW/MHz
Voice Codec	G.711μ-law (64 kbps)
AF output power — Internal SP	400 mW (typ., 16Ω at 10% distortion)
AF output power — External SP	200 mW (typ., 8Ω at 10% distortion)
Security	WEP (64/128-bit), WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES)
Operating time (1:1:8 duty cycle)	More than 20 hours (with BP-271)

* Authorized frequency range and channels may differ depending on country.

	IP100FS
Operating system	Windows® 10 (32-bit/64-bit), Windows® 8/Windows® 8.1 (32-bit/64-bit) Windows® 7 (32-bit/64-bit) SP1 or later, (Except for Windows® RT)
CPU	Intel® Core™ 2 Duo Processor E6600/ 2.4 GHz or better
Memory	2 GB or higher
Hard disk space	1 GB of disk space (for saving log files)
Audio	DirectSound compatible audio (Frequency response up to 20 kHz, sampling rate 48 kHz)
Display resolution	1920×1080 pixel recommended 1024×768 pixel minimum
Other	USB 2.0 port, 10 Mbps or faster Ethernet interface, speaker, microphone or headset

	AP-90M
Power supply	12V DC ±10% or PoE (IEEE802.3af compatible)
Dimensions (W×H×D; projections not included)	120 × 29 × 103 mm
Weight (approx.)	300 g (Main unit only)
Cable LAN	RJ-45 connector × 1 1000BASE-T/100BASE-TX/ 10BASE-T (Auto MDI/MDI-X)
Wireless LAN	IEEE 802.11 a/b/g/n/ac
Frequency coverage*	2.4–2.4835 GHz, 5.15–5.35, 5.47–5.85 GHz
Data rates (theoretical value)	11 Mbps, 54 Mbps, 300 Mbps, 866.7 Mbps
Security	WEP (64/128/152-bit), WPA, WPA2, WPA-PSK, WPA2-PSK

* Authorized frequency range and channels may differ depending on country.

	IP1000C
Power supply	100–240 V AC (with supplied AC adapter)
Dimensions (W×H×D; projections not included)	232 × 38 × 168 mm
Weight (approx.)	750 g (Main unit only)
LAN	RJ-45 connector × 4 1000BASE-T/100BASE-TX/ 10BASE-T (AUTO MDI/MDI-X)
USB	Standard A receptacles ×2
Maintenance console	RS-232C (RJ-11) connector

	VE-PG4
Power supply	100–240 V AC 12 V DC (with supplied AC adapter)
Dimensions (W × H × D; projections not included)	213 × 36.8 × 270 mm
Weight (approx.)	1.8 kg
Regulatory compliance	FCC (Part 15, 22, 24), ICES-003, ICCS-03, EN301 908-1, EN301 489-1, EN301 489-19, EN301 489-52, EN62368-1
LAN/WAN	RJ-45 connector × 1 10BASE-T/100BASE-TX/1000BASE-T (AUTO MDI/MDI-X)
LAN	RJ-45 connector × 1 10BASE-T/100BASE-TX/1000BASE-T (AUTO MDI/MDI-X)
EXT 1–4 port	Audio input −10 dBs/−40 dBs selectable, 10 kΩ impedance Audio output 0 dBs/−20 dBs selectable, 600 Ω load /8 Ω 1 W speaker Control input Low voltage contacts (3.3 V DC/ 1 mA)/ Voltage input (3–16 V) Control output No voltage contacts (30 V/ 500 mA)/Open collector (3–16 V/ 10 mA) Connectors 2.54 mm (0.1 in) pitch quick connector (4 terminals ×3)×4
Network — 4G bands:	LTE B1, B3, B7, B8, B20 (EUR) LTE B2, B4, B12 (FCC)
Network — 3G bands:	W-CDMA B1, B8 (EUR) W-CDMA 2, 5 (FCC)
USB	USB 3.0 Standard A receptacles ×3 (host interface) USB 2.0 min B receptacles ×1 (console interface)
Internet protocol	IPv4
Supported protocol	SIP
Codec	G.711 μ-law, AMBE+2™

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