



ICOM
IP501M

WIDE COVERAGE LTE NETWORK

Wide Coverage Over a LTE (4G)
and 3G Network, Mobile LTE
Radion Interoperable with
IP501H/IP503H



- Nationwide coverage over LTE (4G) and 3G networks*
*Network coverage provided by a custom Icom SIM card.
- Interoperable with the handheld IP501H/IP503H
- Full-Duplex communication provides multiple users simultaneous conversations
- Priority interrupt Calling can break into an on-going call for an important message
- Text Message function allows you to send and receive messages of up to 32 characters
- Safety features with Emergency Call & Lone Worker functions
- An Ethernet port for data communication*
*The optional VE-PG4 is required.
- D-SUB 25-pin connector with the optional OPC-2407 cable for interfacing other devices, various controls and data communication
- ACC connector for Ignition Sensing function
- Noise Canceling function (TX only) for clear audio in noisy environments
- Built-in Bluetooth® and GPS
- Optional COMMANDMIC™ provides a hand-held-like user interface
- Interconnection with the IP100H and IDAS™ systems using the VE-PG4, gateway

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ICOM IP501M

SPECIFICATIONS

GENERAL		
Power supply	13.8 V DC \pm 10% or 26.4 V DC \pm 10%	
Current drain (Maximum)	TX	Less than 0.6 A (13.8 V DC) Less than 0.4 A (26.4 V DC)
	RX	Less than 1.2 A (13.8 V DC) Less than 0.8 A (26.4 V DC)
Operating temperature range	-10°C to +60°C; 14°F to +140°F	
Dimensions (W x H x D) (Projections not included)	125 x 29 x 156 mm; 4.9 x 1.1 x 6.1 in (Approximate)	
Weight	840 g; 1.9 lb (Main unit, approximate)	
Voice codec	G. 726	
Audio output power	More than 4 W (External SP, at 10% distortion into a 4 Ω load)	
External microphone impedance	600 Ω	
INTERFACE		
Network	4G bands:	LTE B2, B4, B12 (USA) LTE B1, B3, B7, B8, B20 (EXP) LTE B1, B3, B5, B7, B8, B28 (AUS)
	3G bands:	W-CDMA B2, B5 (USA) W-CDMA B1, B8 (EXP) W-CDMA B1, B5 (AUS)
Bluetooth	Version 2.1 +EDR	
LAN	RJ-45 type x 1 (Auto MDI/MDI-X) 10BASE-T/100BASE-TX	
External speaker jack	3.5 mm (1/8 in) (d), 4 Ω	
External equipment connector	D-SUB 25-pin type (The optional OPC-2407 is required)	

All stated specifications are subject to change without notice or obligation.

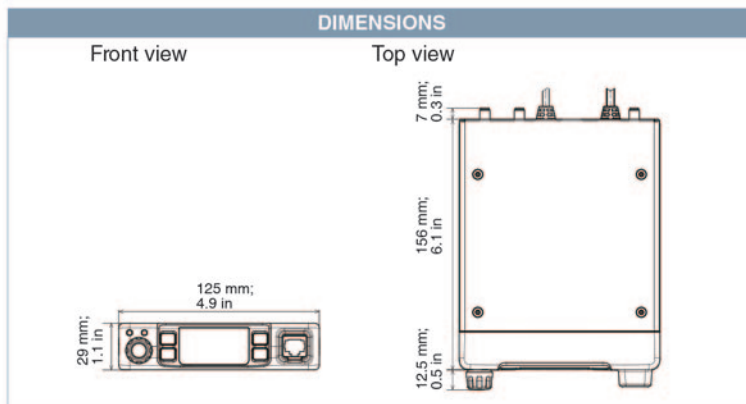
Applicable U.S. Military Specifications & IP Rating

Standard	MIL 810G	
	Method	Procedure
Low Pressure	500.5	I, II
High Temperature	501.5	I, II
Low Temperature	502.5	I, II
Temperature Shock	503.5	I-C
Solar Radiation	505.5	I
Rain Blowing/Drip	506.5	I, III
Humidity	507.5	II
Dust Blowing	510.5	I
Vibration	514.6	I
Shock	516.6	I, IV

Also meets equivalent MIL-STD-810-C, -D, -E and -F.

Ingress Protection Standard

Dust and Water IP54 (Dust-protection, water resistance)



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ACCESSORIES / OPTIONS

MICROPHONES



HM-241

Speaker microphone with emergency button (IP54)
Same as supplied



**COMMANDMIC™
HM-230HB**

with 10-keypad and display (IP55)



SM-28

Desktop microphone

MICROPHONE EXTENSION CABLE



OPC-2355

2.5 m; 8.2 ft.



VS-3

EXTERNAL SPEAKERS



DP-35

5 W, 4 OHMS
(2 m; 6.5 ft.)



SP-30

20 W, 4 OHMS
(2.6 m; 8.5 ft.)

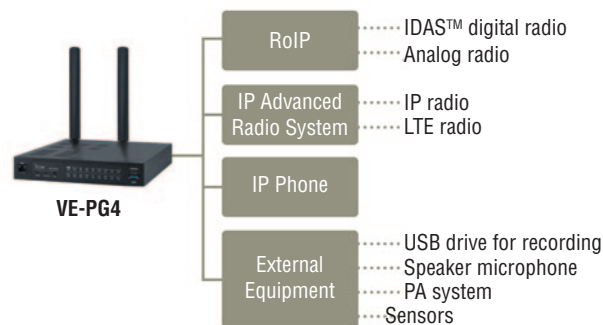


OPC-2407

D-SUB 25-pin

RoIP GATEWAY VE-PG4

With a VE-PG4 RoIP gateway, the LTE radio system can interconnect with an IP phone, IP, IDAS™ digital and analog radios.



**Programming Software
CS-IP501M**

**Programming Cable
OPC-1122U**

Supplied Accessories:

- HM-241, speaker microphone
- LTE antenna (2 pcs.)
- GPS antenna
- DC power cable.
- Mounting bracket kit.
- Microphone hanger

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Phone: 812.490.1525 • Fax: 812.490.1582 • 3299 Tower Drive • Newburgh, Indiana 47630 • email: sales@matrixteam.com