

## Wide Coverage Over an LTE (4G) and 3G Network, Mobile LTE Radio Interoperable with IP501H/IP503H

**Nationwide coverage over LTE (4G) and 3G networks\***

\* Service availability varies by country. 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 handheld-like user interface**

**Interconnection with the IP100H and IDAS™ systems using the VE-PG4, RoIP gateway**



**SPECIFICATIONS**

GENERAL		
Power supply	13.8 V DC ±10% or 26.4 V DC ±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.

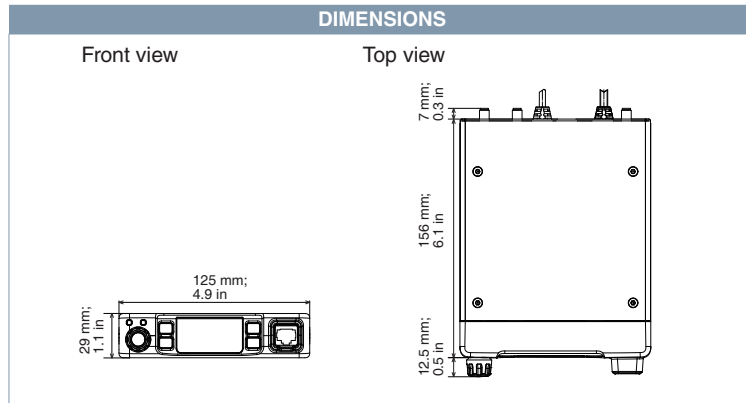
**Applicable U.S. Military Specifications & IP Rating**

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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**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

**Bluetooth® HEADSET**



**VS-3**

**EXTERNAL SPEAKERS**



**SP-35**  
5 W, 4 Ω (2 m; 6.5 ft)



**SP-30**  
20 W, 4 Ω (2.6 m; 8.5 ft)

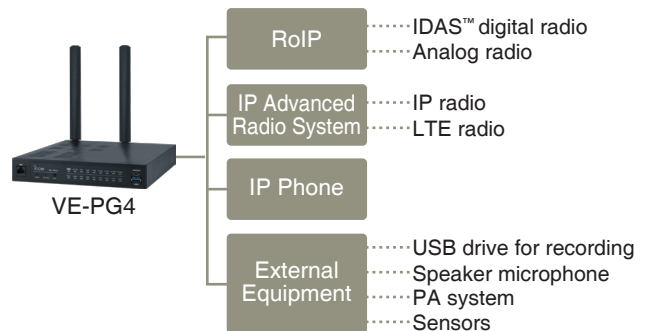
**ACC CABLE**



**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
- DC power cable
- LTE antenna (2pcs)
- Mounting bracket kit
- GPS antenna
- Microphone hanger

**CACHET DISTRIBUTEUR**

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