ICOM

IP510H

IP TRANSCEIVER

Seamless Communication Coverage in 4G LTE and Wi-Fi Condition







IP510H

Automatic Switching in LTE and Wi-Fi®

The IP510H can be used in LTE networks and Wi-Fi® environments and automatically switches between them. It is possible to transmit information in a timely manner without worrying about dead zones.

Simultaneous TalkListen™

The TalkListen allows people to talk to each other at the same time. This enables natural interaction and supports multiple conversations with many people.

Built-in Bluetooth® Function

Wireless operation with Bluetooth capability helps improve usability and mobility.

Smallest Class Compact Size

The size and weight are approximately 56 (W) x 92.3 (H) x 31.2 (D) mm with BP-314 and 220 g with BP-314 and antenna.

AI Noise Cancelling Technology

The IP510H features advanced AI Noise Cancelling Technology powered by AI-generated parameters. It accurately reduces unwanted background noise and delivers clearer, more natural-sounding audio.

Security Function

Support for WPA3 Enterprise/Personal and Wi-Fi standards: IEEE802.11 a/b/g/n/ac, which can be connected to a network with a high level of security environment.

Talk Listen™ Simultaneous

OTHER FEATURES

- Call Recording and Playback functions
- Bluetooth® PTT supported (SPP only)
- 1000 mW loud and clear audio
- Vibration Alert
- Short Text Message
- Emergency Button
- Man Down Function
- Lone Worker Function
- IP67 waterproof and dust-tight
- USB Type-C™ charging battery can be replaced without turning OFF the power
- Integrated GPS

OPTIONAL ACCESSORIES

SPEAKER MICROPHONES



HM-222HLS High-power speaker
HM-183LS
HM-186LS

HEADSET and PTT SWITCH



HS-102
OPC-2359 PTT switch

HEADSETS and PTT SWITCH/PLUG ADAPTER CABLES



HS-94 Earhook type headset
HS-95 Neck-arm type headset
HS-97 Headset with throat microphone
OPC-2328 For manual PTT, and VOX operation
OPC-2006LS For manual PTT, and VOX operation

EARPHONE-MICROPHONES



HM-153LS
HM-166LS
HM-257LS

BATTERY PACKS



BP-314 Li-Ion
1910 mAh (min.)
2010 mAh (typ.)
LTE: 18 hours*

BP-315 Li-Ion
3050 mAh (min.)
3150 mAh (typ.)
LTE: 26 hours*

* Duty cycle TX: RX: Stand-by = 5: 5: 90 ratio.

CHARGERS



BC-269 Multi-connectable Desktop charger
BC-123S AC adapter for single unit. Straight plug
BC-228 AC adapter for multiple connections
BC-258 AC adapter supplied
OPC-2480 USB cable supplied

Bluetooth® HEADSET



VS-3*

EARPHONE



SP-29 Earhook Earphone

CARRYING CASE and BELT CLIP



LC-204 Carrying case for BP-314
MBB-3 Belt Clip Same as supplied

* Not available for the European market (not compliant with EN62368-1).

SPECIFICATIONS

GENERAL	
Power Supply Voltage	7.4 V
Dimensions	59.7×144.7×34.9 mm (with BP-314 and Antenna) 59.7×92.3×31.2 mm (with BP-314 and without Antenna)
Weight (approx.)	220 g, 7.7 oz (with BP-314 and Antenna)
Operating Temperature	–10 °C to +60 °C
Charging Terminal	USB Type-C™
Operating Time	BP-314: LTE 18 hours, Wi-Fi® 36 hours BP-315: LTE 26 hours, Wi-Fi® 58 hours
Charging Time	BP-314: 120 minutes (with BC-258) BP-315: 200 minutes (with BC-258)
AF Output Power (8 Ω at 5% distortion)	1000 mW (Internal speaker) 250 mW (External speaker) 1000 mW (with HM-222HLS)
Bluetooth® Technology	Ver 5.3, Output: Class 1, Profile: HFP, HSP, SPP
GPS	Built-in
LTE	
Network	(EXP/AUS) LTE: B1, B3, B7, B8, B20, B28, 3G (UMTS): 1B, 8B
Output power	+23 dBm typical

Wi-Fi®	
Wireless Standards	IEEE802.11 a/b/g/n/ac
Frequency	(EXP/AUS) 2.4GHz(13ch):1/2/3/4/5/6/7/8/9/10/11/12/13 ch 5GHz(19ch):36/40/44/48/52/56/60/64/100/104/108/112/116/120/124/128/132/136/140/149/153/157/161/165 ch
Output power	10 mW/MHz
Security	WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES) WPA3-Personal, WPA3-Enterprise
Maximum Communication speed (Theoretical value)	11/54/150/433 Mbps
IP RATING	
Dust & Water	IP67 (Dust-tight and waterproof)

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

Supplied accessories	• Antenna • Beltclip (MBB-3) • Strap • Battery (BP-314) • USB cable (OPC-2480)

Icom and the Icom logo are registered trademarks of Icom Incorporated (Japan) in Japan, the United States, the United Kingdom, Germany, France, Spain, Russia, Australia, New Zealand, and/or other countries. SIMULTANEOUS TALKLISTEN is trademark of Icom Incorporated. The Bluetooth® word mark and logos are registered trademark owned by Bluetooth SIG, Inc. and any use of such marks by Icom Inc. is under license. USB TYPE-C is a trademark of USB Implementers Forum Inc. Wi-Fi is a registered trademark of Wi-Fi Alliance®. All other trademarks are the properties of their respective holders. Bluetooth® connection has not been tested for all Bluetooth® compatible devices with this product. This does not guarantee that all devices will work with this product.

Icom Inc. 1-1-32, Kamiminami, Hirano-ku, Osaka 547-0003, Japan Phone: +81 (06) 6793 5302

For the latest information, please visit **www.icomjapan.com**

Icom America Inc.
www.icomamerica.com

Icom (Europe) GmbH
www.icomeurope.com

Icom France s.a.s.
www.icomfrance.com/fr/

Icom Canada
www.icomamerica.com

Icom Spain S.L.
www.icomspain.com

Icom (Australia) Pty. Ltd.
www.icom-australia.com

Icom Brazil
www.icomamerica.com

Icom (UK) Ltd.
www.icomuk.co.uk

Icom Asia Co., Ltd.
www.icomasia.com

A4 24BAZ520B © 2026 Icom Inc.