

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.

IP67 Dustproof and Waterproof

IP510H can be used safely even outdoors and in rainy weather.

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.

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
- 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 CABLE

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

Connect up to 6 units

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

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, 7.7oz (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
GPS	Built-in
LTE	
Network	(USA)LTE: B2, B4, B5, B12, B13, B14, B25, B26, B66, B71 (EXP/AUS) LTE: B1, B3, B7, B8, B20, B28, 3G (UMTS): 1B, 8B
Output power	+23 dBm typical

Supplied accessories	• Antenna • Beltclip (MBB-3) • Strap • Battery (BP-314) • AC adapter (BC-258A)* • USB cable (OPC-2480)
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*for USA version only

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Wi-Fi®	
Wireless Standards	IEEE802.11 a/b/g/n/ac
Frequency	(USA) 2.4GHz(11ch):1/2/3/4/5/6/7/8/9/10/11 ch 5GHz(25ch):36/40/44/48/52/56/60/64/100/104/108/112/116/120/124/128/132/136/140/144/149/153/157/161/165 ch (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.

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