

IP ADVANCED RADIO SYSTEM

SPECIFICATIONS

IP100H

Wireless standards	IEEE 802.11 a/b/g/n
Frequency range	2.4-2.4835GHz, 5.15-5.35, 5.47-5.85GHz
Dimensions (WxHxD) ¹⁾	58x95x26.4 mm; 2.28x3.74x1.04 in (with BP-271)
Weight (approx.)	205g; 7.2oz (with BP-271 and antenna)
Operating time ²⁾	More than 20 hours (with BP-271)
RF output power	Less than 10mW/MHz
Voice Codec	G.711 μ -law (64kbps)
AF output power (10% distortion)	Internal SP 400mW (typ., 16 Ω load), External SP 200mW (typ., 8 Ω load)
Security	WEP (64/128-bit), WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES)
Operating temperature	-10°C to +60°C; +14°F to +140°F

Supplied accessories

- BP-271 Li-ion battery pack
- MB-127 belt clip
- Hand strap
- Antenna
- Antenna cap

IP100FS (System requirements)

Operating system	Windows® 8/Windows® 8.1 (32-bit/64-bit) Windows® 7 (32-bit/64-bit) SP1 or later, Windows Vista® (32-bit/64-bit) SP2 or later, (Except for Windows® RT)
CPU	Intel® Core™ 2 Duo Processor E6600/ 2.4GHz or better
Memory	2GB or higher
Hard disk space	1GB of disk space (for saving log files)
Audio	DirectSound compatible audio (Frequency response up to 20kHz, sampling rate 48kHz)
Display resolution	1920x1080 pixel recommended 1024x768 pixel minimum
Other	USB 2.0 port, 10Mbps or faster Ethernet interface, speaker, microphone or headset

IP100C

Power supply	100-240V AC (With supplied AC adapter)
Operating temperature	0°C to +40°C; +32°F to +104°F
Dimensions (WxHxD) ³⁾	232x38x168 mm; 9.13x1.5x6.61 in
Weight (approx.)	750g; 1.65lb (Main unit only)
LAN	RJ-45 connector x 4 1000BASE-T/100BASE-TX/10BASE-T (Auto MDI/MDI-X)
USB	Standard A receptacles x2
Maintenance console	RS-232C (RJ-11) connector

³⁾ Projections are not included.

Supplied accessories

- BC-207S AC adapter
- Cushion sheets
- Ferrite core

AP-90M

Power supply	12V DC \pm 10% or PoE (IEEE802.3af compatible)
Dimensions (WxHxD) ⁴⁾	120x29x103 mm; 4.72x1.14x4.06 in
Weight (approx.)	300g; 10.6oz (Main unit only)
Wired LAN	RJ-45 connector x 1 1000BASE-T/100BASE-TX/10BASE-T (Auto MDI/MDI-X)
Wireless LAN	IEEE 802.11 a/b/g/n/ac
Frequency range	2.4-2.4835GHz, 5.15-5.35, 5.47-5.85GHz
Security	WEP (64/128/152-bit), WPA, WPA2, WPA-PSK, WPA2-PSK
Operating temperature	0°C to +40°C; +32°F to +140°F

⁴⁾ Projections are not included.

Supplied accessories

- Mounting bracket

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

OPTIONS

For IP100H



BP-271 Li-ion 1150/1200mAh (min./typ.)
BP-272 Li-ion 1880/2000mAh (min./typ.)
BP-273 LR6 (AA) batteries x3

Rapid charger



BC-202 BC-123S*
*BC-123SA for 120V AC,
SE for 230V AC.

Multi-charger



BC-211 BC-157S

Headsets (Full-duplex operation)



HS-102 Earphone type.
OPC-2359 is required.
HS-85 Over-the-head type.
OPC-2144 is required.

Earphone-microphones (Full-duplex operation)



HM-153LS HM-166LS
Use HM-153LS or HM-166LS for full-duplex operation also.

Speaker-microphone (Simplex operation)



HM-186LS

Headsets (Simplex operation)



HS-94 Earhook type
HS-95 Behind-the-head type
HS-97 Throat type

* Either OPC-2006LS or OPC-2328 is required when using any of these headsets.

- MB-127: Belt Clip. Same as supplied.
- OPC-2144: Slim L-Type plug adapter cable. Required when using either HS-85, HM-153, HM-166 or SP-13.
- OPC-2006LS: Plug adapter cable
- OPC-2328: PTT switch cable. Either OPC-2006LS or OPC-2328 is required when using any of HS-94, HS-95 or HS-97.
- OPC-2359: PTT switch cable. OPC-2359 is required when using HS-102.
- OPC-478UC + OPC-2144: Setup cables. Both cables are required for initial setup.

For IP100FS

PTT microphone adapter



CT-23

Desktop microphone



SM-26

Hand microphone



HM-152

Serial cable



OPC-1402

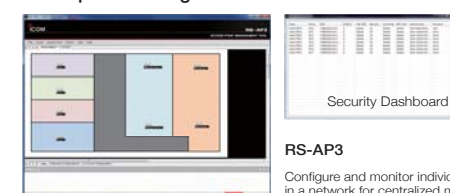
For AP-90M

AC adapter



BC-207S

Access point management software



RS-AP3

Configure and monitor individual/all access points in a network for centralized management.

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IP Communication Terminal

IP100H

Remote Communicator

IP100FS

Controller

IP1000C

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

- Easy system to set up and use
- Up to 100 users can communicate at the same time
- Encryption provides extra security
- Range is only restricted by your IP network coverage
- No licence fee required, no call charges

