ICOM

High-Performance Access Point with IEEE 802.11ac (Wave 2) Standard

The AP-95M complies with the IEEE802.11ac (Wave 2) standard. It is a high-performance access point compatible with high-speed communications, making it suitable for Icom's IP ADVANCED RADIO SYSTEM. The AP-95M enables 5 GHz and 2.4 GHz dual band simultaneous communication and a maximum of 16 group setting using the Virtual AP (VLAN) function. In addition, several access points can be connected together to expand the communication range.

IEEE802.11b/g/n
IEEE802.11a/n/ac

WIRELESS ACCESS POINT

AP−95M

Supplied accessory: AC adapter*, Mounting bracket set

*May not be supplied, depending on the version.

FEATURES

IEEE 802.11ac (Wave 2) Standard, High-Speed Communication

The AP-95M complies with the IEEE802.11ac (Wave 2) standard providing high-speed and stable data communication at a maximum of 867 Mbps (theoretical value).

Beam Forming Function, MU-MIMO Function

The Beam Forming function can send a signal to a specific direction, and the MU-MIMO function[1] prevents mutual interference. These functions can improve the communication quality.

[1] 2×2 MIMO

Virtual AP Function

Up to eight wireless LAN terminal groups can be configured, which can have different VLAN IDs in each 5 GHz and 2.4 GHz band[2].Each virtual AP can have different security settings.

[2] Different SSIDs must be set in the same unit.

Automatic Settings Enables Easy Management

The Automatic Power Level Adjustment function and Connecting Terminal Limit function can remove interference, and they can prevent reduction in communication speed caused by access concentration. The AP-95M can automatically set the channel according to the surrounding signal conditions.

Easy PC Configuration

By using your PC's web browser, you can update to new firmware, and configure the access point. The AP-95M is compatible with SNMP and the RS-AP3 access point management tool so that you can easily manage your terminals.

[Other Features]

■ Protection function
■ Authentication function (IEEE802.1X/WPA/WPA2)
■ PoE function
■ Stealth function (Hide SSID function)
■ Gigabit Ethernet (1000BASE-T)
■ Router function
■ Web Authentication function
■ Network Monitoring function
■ Packet Filter function
■ Security Slot[3] and more

[3] Attach a security wire (user supplied).

[Options]

• **RS-AP3** ACCESS POINT MANAGEMENT TOOL
Configure and monitor individual/all access points in a network, for centralized management.

SPECIFICATIONS

[General]

Power supply	PoE（IEEE 802.3af standard: Max. 9 W）
	12 V ±10% DC, More than 2 A[1]
Usable conditions	−10°C to +55°C; +14°F to +131°F (Below 0°C; 32°F: Usable when the power is ON)
	Humidity 5 to 95% (At no condensation)
Dimensions (W) × (D) × (H)	Approximately 162 × 162 × 42 mm; 6.4 × 6.4 × 1.7 in （Projections not included）
Weight	Approximately 520 g; 1.1 lb (Accessories not included)

[1] With an AC adapter. An AC adapter may not be supplied, depending on the version.

[Wireless LAN]

Security standards	WEP（64/128/152 bit）, WPA, WPA2, WPA-PSK, WPA2-PSK,
	IEEE 802.1X/EAP
Number of channels[2]	20 MHz bandwidth	2.4 GHz: 13 channels, 5 GHz: 9 channels
	40 MHz bandwidth	2.4 GHz : 9 channels, 5 GHz: 4 channels
	80 MHz bandwidth	5 GHz: 2 channels

[2] Usable channels depend on the country.

[Interface]

Cable LAN	10BASE-T/100BASE-TX/1000BASE-T compatible
	RJ-45 type connector
	(MDI/MDI-X automatic distinction) × 1
Wireless LAN	IEEE 802.11 ac/n/a/g/b standard
Data rates	Cable LAN : 10/100/1000 Mbps
	Wireless LAN : 11/54/400[3]/867 Mbps

[3] When connecting with a terminal compatible with 256-QAM.

ABOUT INSTALLATION

This product radiates or receives radio wave from its top surface, so we recommend mounting on a wall or ceiling. You can mount on the wall or ceiling using the supplied bracket.