ICOM CONNECTION GUIDE

WIRELESS ACCESS POINT

AP-95M

IEEE802.11ac Wave 2 standard

Read the "PRECAUTIONS" leaflet first, if you have not done so.

Thank you for purchasing this Icom product. The AP-95M WIRELESS ACCESS POINT is designed and built with Icom's IP network technology. It complies with the "IEEE802.11ac Wave 2" standard, and is designed for dual band communications in the 5 GHz and 2.4 GHz bands.

1. System Requirements

◇ **Supplied Accessories**
- Mounting bracket set
- Precautions Guide
- Connection Guide (This guide)
- Power adapter
  (The adapter type differs, depending on the access point version)

◇ **Other requirements**
- PC
- LAN cable

About this Connection Guide:
This Connection Guide explains the basic operation of the AP-95M. Access our website to download the instruction manual.

Icom website http://www.icom.co.jp/world/

NOTE:
- Adobe® Acrobat Reader® is required on your PC in order to display the downloaded PDF instruction manual.
- If your PC does not have Adobe® Acrobat Reader®, please download it from the Adobe® website.

2. Panel description

[MODE]
Refer to "RESETTING THE AP-95M" in the Precautions Guide, for details.

◇ **About the indicators**

Indicator		5 GHz	2.4 GHz	LAN	MODE	POWER[2]
Green	Lights	More than 1 connection/WPS succeeded[1]		LAN connected (1000BASE-T)	[MODE] is held down for 1 second	Booting
	Blinks	Wireless operation is standing by for DFS	—	LAN is communicating (1000BASE-T)	WPS is running	Booting/ Updating firmware
Orange	Lights	—	—	LAN connected (10BASE-T/100BASE-TX)	A firmware update is ready (Online update)	—
	Blinks	—	—	LAN is communicating (10BASE-T/100BASE-TX)	WPS failed (Blinks for 30 seconds)	—
OFF		Other than the above				

[1] When there is no wireless device to communicate with the AP-95M, or no wireless communication is performed while the Wireless Unit is enabled, the indicator turns OFF. The time when the indicator turns OFF differs, depending on the communication status.
[2] While booting up, the [POWER] indicator lights green → blinks green → lights green.
① All indicators light while booting.

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Count on us!

A7493W-2EX   Printed in Japan
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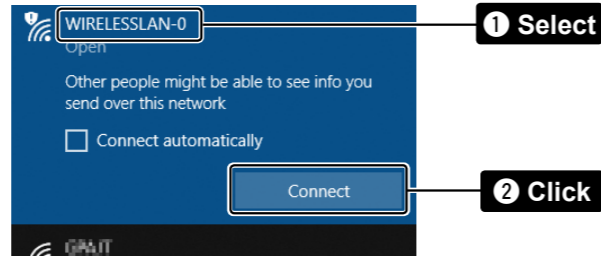
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6. Connecting with wireless LAN

The following procedures describe how to connect to the AP-95M through a wireless LAN, based on Microsoft® Windows® 10.
① The procedure differs, depending on the connected devices, so follow their instructions when using the other devices.

❶ Start the AP-95M, and then turn ON the PC.
❷ Click the Wireless Network Connection icon.

❸ Select the SSID set to the AP-95M and click [Connect]. Then follow the instructions.

❶ Select
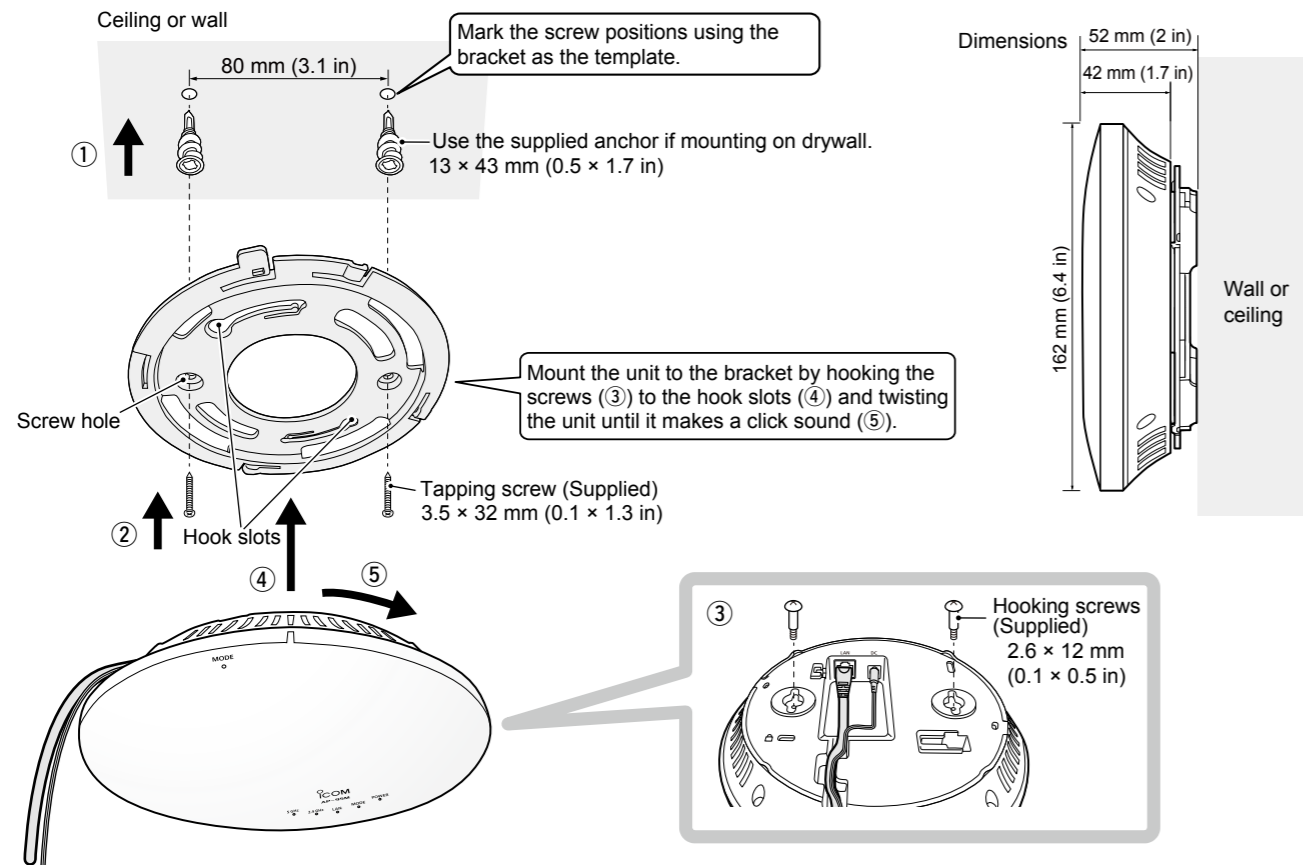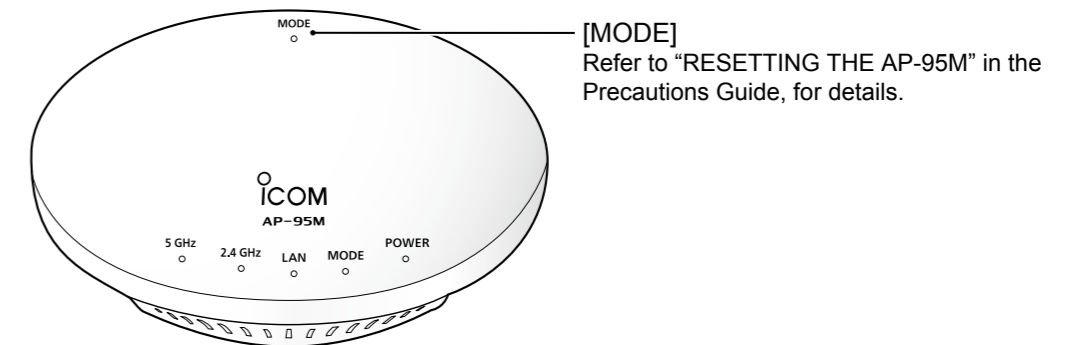❷ Click

- The SSID is set to "WIRELESSLAN-0" by default.

7. 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, by following procedure ❶ to ❺ below.
① To use the security wire, refer to the instruction manual on our website.

⚠DANGER!
Mount the unit securely to a thick surface that can support more than 600 g (1.3 lb).

Ceiling or wall
Mark the screw positions using the bracket as the template.
80 mm (3.1 in)
① Use the supplied anchor if mounting on drywall. 13 × 43 mm (0.5 × 1.7 in)
Screw hole
Mount the unit to the bracket by hooking the screws (③) to the hook slots (④) and twisting the unit until it makes a click sound (⑤).
Tapping screw (Supplied) 3.5 × 32 mm (0.1 × 1.3 in)
② Hook slots
④ ⑤
③ Hooking screws (Supplied) 2.6 × 12 mm (0.1 × 0.5 in)

Dimensions
52 mm (2 in)
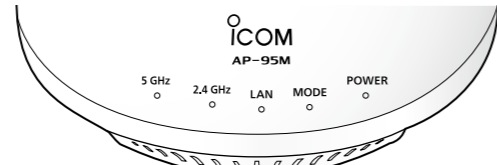42 mm (1.7 in)
162 mm (6.4 in)
Wall or ceiling

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3. Connecting and turning ON the power

Follow the procedure (❶ to ❹) to connect with the AP-95M, and check the indications as described below.
• If you are connecting the AP-95M with its default settings, disconnect the networks from your PC.
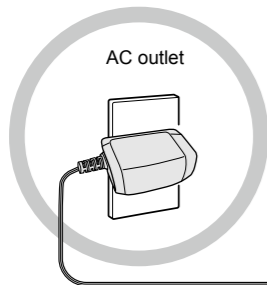
❹ Check the [LAN] indication
If [LAN] does not light, check the LAN cable connection.

Lights: LAN connected
Blinks: LAN is communicating
Green: 1000BASE-T
Orange: 10BASE-T/100BASE-TX

ICOM
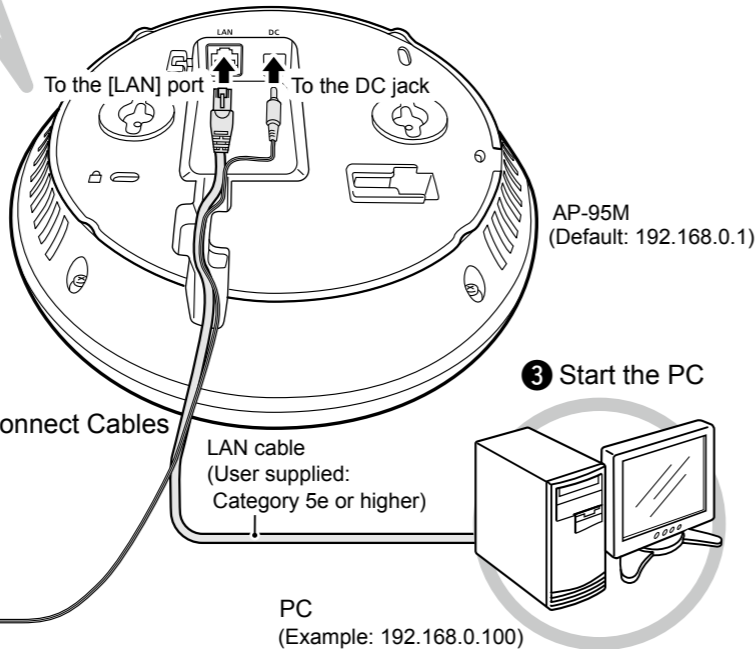AP-95M
5 GHz   2.4 GHz   LAN   MODE   POWER

To the [LAN] port   To the DC jack

AP-95M
(Default: 192.168.0.1)

❷ Connect the power adaptor
[POWER] lights green when the
AP-95M has completed its boot up.

AC outlet

❸ Start the PC

❶ Connect Cables

LAN cable
(User supplied:
Category 5e or higher)

PC
(Example: 192.168.0.100)

IP address for PC
The AP-95M's IP address is set to "192.168.0.1," and DHCP
server to "Disable" as the default. Set the PC's IP address in
the 192.168.0.x (Example: "192.168.0.100").
See the PC's instruction manual for the IP address setting
details.

⚠WARNING!
To prevent electrical shock, television interference (TVI),
broadcast interference (BCI) and other problems, ground the
AP-95M through the ground terminal.
NEVER connect the ground terminal to a gas or electric pipe.
This may result in an electrical shock or cause a fire.

◇ About default settings

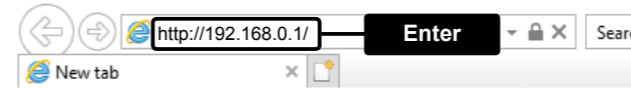| Menu	Setting screen		Setting item	Default setting
Network Settings	IP Address	IP Address	IP Address	192.168.0.1
			Subnet Mask	255.255.255.0
	DHCP Server	DHCP Server	DHCP Server	Disable
Wireless Settings	Wireless 1	Wireless LAN	Channel	001 CH (2412 MHz)
			Bandwidth	20 MHz
		Virtual AP	Interface	ath0
			SSID	WIRELESSLAN-0
		Security	Authentication	Open System/Shared Key
			Encryption	None
	Wireless 2	Wireless LAN	Channel	036 CH (5180 MHz)
			Bandwidth	20 MHz
		Virtual AP	Interface	ath1
			SSID	WIRELESSLAN-0
		Security	Authentication	Open System/Shared Key
			Encryption	None
Management	Administrator	Password	Username	admin (Fixed)
			Current Password	admin (Lower case letters)

① Product specifications, appearance, or functions are subject to change without notice and may differ from this manual.

4. About the setting screen

Accessing the setting screen

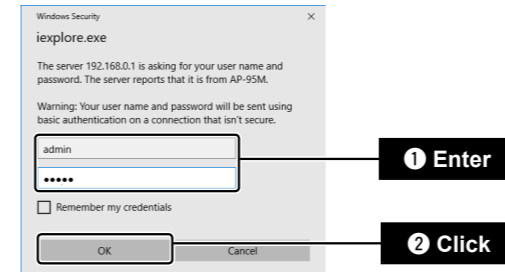**Following procedures describe how to use the AP-95M setting screen using a web browser.**

❶ Open your web browser, then enter the IP address* of the AP-95M into the address bar.

http://192.168.0.1/   **Enter**   Search
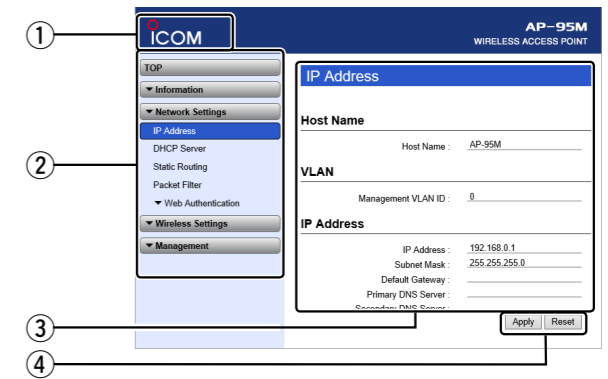New tab

*The default IP address is "192.168.0.1."

❷ Push the [ENTER] key.
• The Login Authentication screen will appear.

❸ Enter "admin" (fixed username) and "admin" (default password) in their respective input fields in the Login Authentication window, and then click [OK].

Windows Security
iexplore.exe
The server 192.168.0.1 is asking for your user name and
password. The server reports that it is from AP-95M.
Warning: Your user name and password will be sent using
basic authentication on a connection that isn't secure.
admin
•••••
☐ Remember my credentials
OK   Cancel

❶ Enter
❷ Click

• When accessing the web browser for the first time, setting the time zone is required. See the "Setting the interface language and the Time Zone" leaflet for details.

About the setting screen

① ICOM   AP-95M WIRELESS ACCESS POINT
TOP
Information
Network Settings
IP Address
DHCP Server
Static Routing
Packet Filter
Web Authentication
Wireless Settings
Management

IP Address
Host Name
Host Name   AP-95M
VLAN
Management VLAN ID   0
IP Address
IP Address   192.168.0.1
Subnet Mask   255.255.255.0
Default Gateway
Primary DNS Server
Apply   Reset

① **Link to the Icom web site**

If your PC is connected to the Internet, click the Icom logo
to open the Icom web site.

② **Setting menu**

Displays the screen name list on a menu line. When you
click each menu title, a list of items drops down which you
can use to select the desired setting item.

③ **Setting screen**

Displays the settings and values when you click the screen
name.

④ **Setting buttons**

Save or cancel the setting values.

• Items and buttons may differ, depending on the setting.

To prevent unauthorized access
You must carefully choose your password, and change it occasionally.

• Choose one that is not easy to guess.
• Use numbers, characters and letters (both lower and upper case).
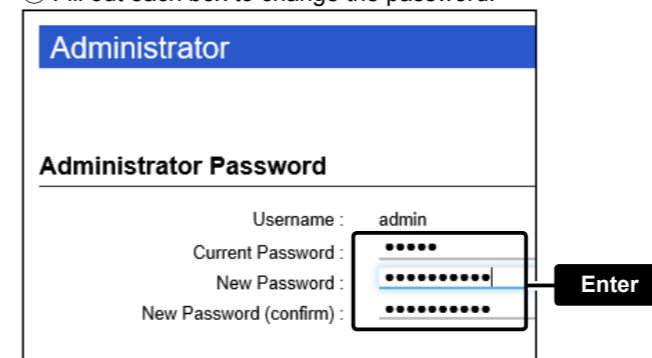
About web browsers
We recommend using Microsoft Internet Explorer 11 or later with the AP-95M.
Enable JavaScript® and set to allow Cookies on your web browser to correctly display the setting screen.
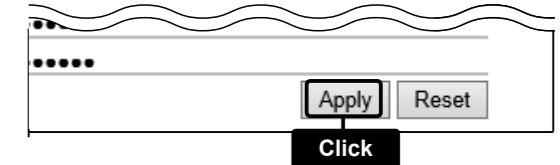If other browsers are used, the screen may not be correctly displayed.

5. Changing the administrator password

To prevent unauthorized access, you must change the password.

① Click [Management], then [Administrator].
• The Administrator screen will appear.
② Fill out each box to change the password.

Administrator

Administrator Password

Username :   admin
Current Password :   •••••
New Password :   ••••••••••
New Password (confirm) :   ••••••••••

Enter

③ Click [Apply.]

•••••
Apply   Reset
Click

① Enter the new administrator's password from now on.

NOTE: If you have forgotten your password, you cannot access
the AP-95M's setting screen.
When you forgot your password
Reset the AP-95M by following the instructions described in
the precautions guide. The AP-95M will have to be reset as its
default.