

RG-RAP6260(H)-D

User Manual

A decorative halftone pattern consisting of a grid of dots of varying sizes, arranged in a shape that tapers to the right, located on the right side of the page.

Please read this manual carefully
and keep it for future reference.

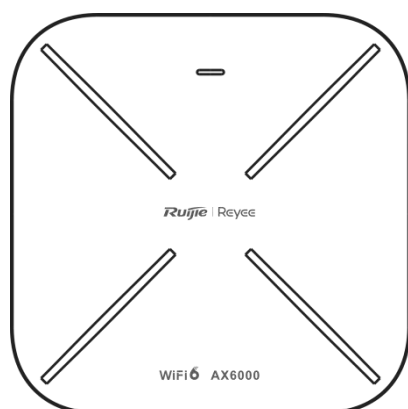
User Manual

1.1 Package Contents

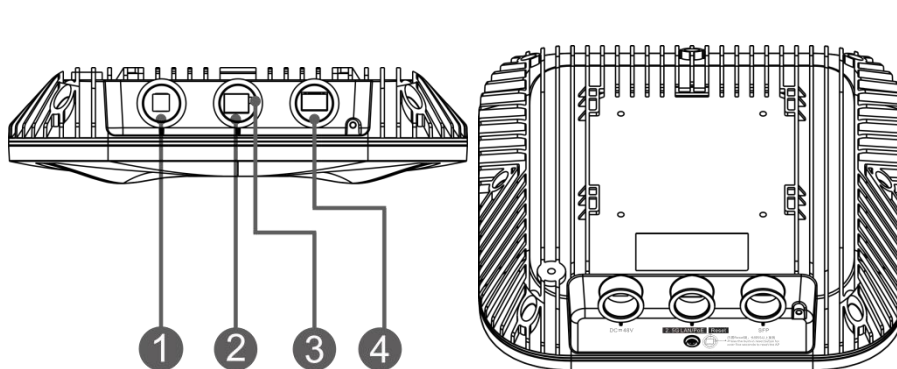
Item	Quantity
Access Point	1
Hose Clamp	2
Mounting Plate Assembly	1
M8 x 20 mm Screws	6
M8 x 60 mm Expansion Anchors	4
User Manual	1
Warranty Manual	1
Cable Gland for SFP Port	1
Cable Gland for Ethernet Port (Pre-installed on the access point)	1
SFP Port Plug (Pre-installed on the access point)	1
Mounting Arm	1
DC Connector Plug (Pre-installed on the access point)	1
Cable Gland for DC Connector	1
Grounding Cable	1

1.2 Hardware Features

Front View



Rear View



①48 V DC Connector ②Ethernet/PoE Port ③Reset Hole ④SFP Port

PoE power supply: Connect one end of the Ethernet cable to the Ethernet/PoE port of the access point, and the other end to a PoE-capable switch or other power source equipment (PSE).

Local power supply: Connect the DC power adapter to the DC connector. If you want to use a 1GE SFP transceiver, make sure the ambient temperature meets the requirement of the SFP transceiver.

1.3 Technical Specifications

Item	Specification
Dimensions (W x D x H)	300 mm × 300 mm × 75.5 mm (11.81 in. x 11.81 in. x 2.97 in., without the mounting plate)
Data Rate	2.4 GHz: 1148 Mbps 5 GHz: 4804 Mbps Combined: 5952 Mbps
Operating Radio	802.11b/g/n/ax: 2.4 GHz to 2.4835 GHz 802.11a/n/ac/ax: 5.150 GHz to 5.350 GHz, 5.470 GHz to 5.725 GHz, 5.725 GHz to 5.850 GHz
Antenna	Built-in directional antenna 2.4 GHz: 50 degrees from the horizontal plane and 30 degrees from the vertical plane 5 GHz: 60 degrees from the horizontal plane and 30 degrees from the vertical plane
Service Ports	One 100/1000/2500Base-T Ethernet port, PoE-capable One 1000Base-X SFP port (The 1GE SFP transceiver is optional.)
Restart/Factory Reset	Supported
Status LED	One blue LED
Power Supply	There are three power supply modes available: ● Standard PoE: IEEE 802.3bt standard(PoE++), backward compatible with the IEEE 802.3at standard(PoE+) ● 60W Passive PoE adapter (Optional accessory) ● Local power supply: 48 V DC /1 A Note: The access point is not 802.3af(PoE)-compliant. (See Appendix for power supply modes and respective data rates.)
Max. Power Consumption	40 W
Environment	Operating temperature: –40°C to +65°C (–40°F to +149°F)
	Storage temperature: –40°C to +85°C (–40°F to +185°F)
	Operating humidity: 0% to 100% RH (non-condensing)
	Storage humidity: 0% to 100% RH (non-condensing)
Weight	≤ 3.5 kg (7.72 lbs., without the mounting plate)
Color	Warm white
Installation Mode	Wall mounting and pole mounting Note: You are advised to install the access point at a height ranging from 2.5 m to 3 m (98.43 in. to 118.11 in.) above the ground.

1.4 LED and Reset Hole

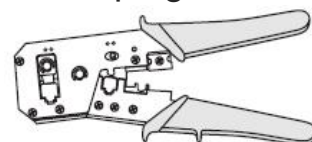
LED	Status	Description
	Solid blue	The access point is operating normally with no alarms.
	Off	The access point is not receiving power.
	Slow blinking	The access point is operating normally but there is an alarm generated.
	Fast blinking	Possible cases: • Restoring the access point to factory settings. • Upgrading the firmware. • Handling alarms automatically. • Starting up the access point.
Reset Hole	Press and hold the pin to the reset hole for less than 2 seconds.	Restart the access point.
	Press and hold the pin to the reset hole for more than 5 seconds.	Restore the access point to factory settings.

1.5 Tools (Customer-Supplied)

Phillips Screwdriver

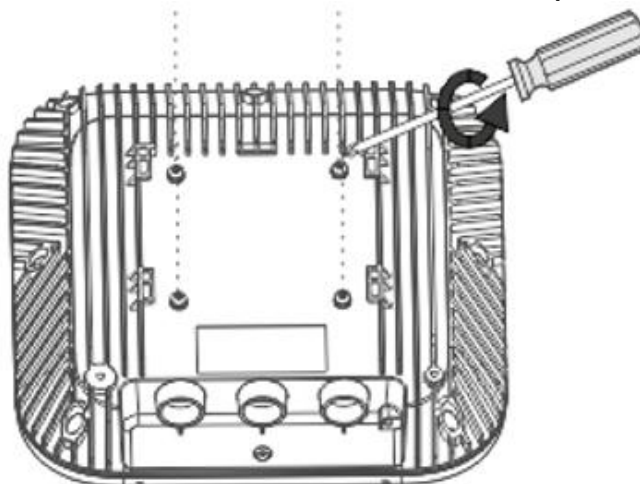


Crimping Plier

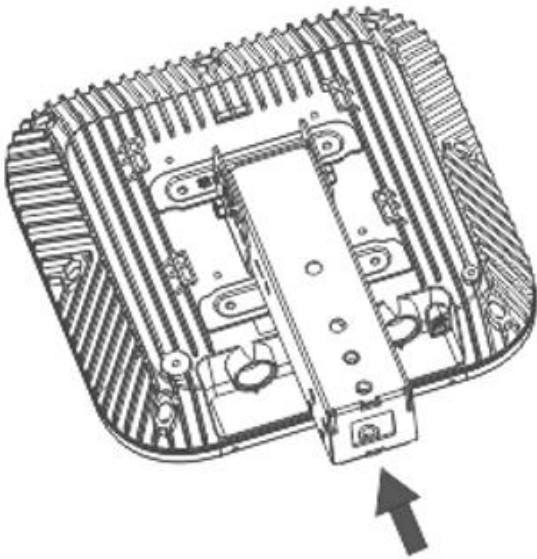


1.6 Installing the Mounting Arm

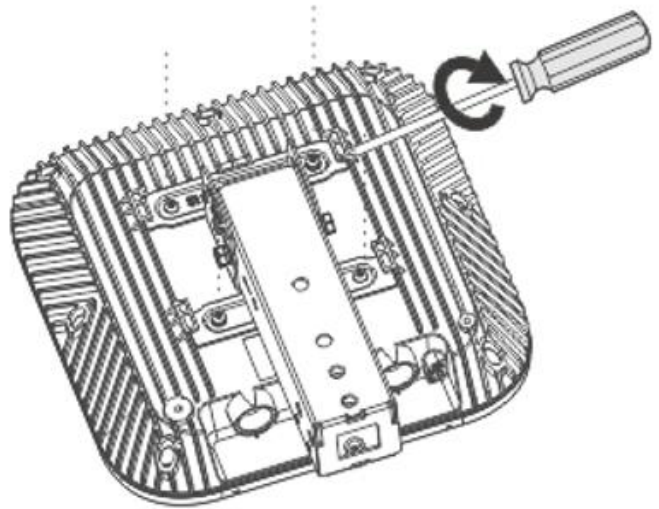
(1) Unfasten the four screws on the bottom and keep them handy.



(2) Wedge the mounting arm into the slot in the orientation noted by the arrow.

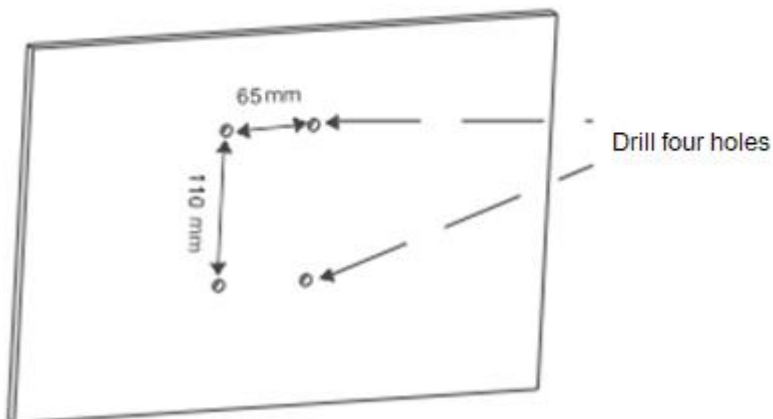


(3) Tighten the four screws using a Philips screwdriver.

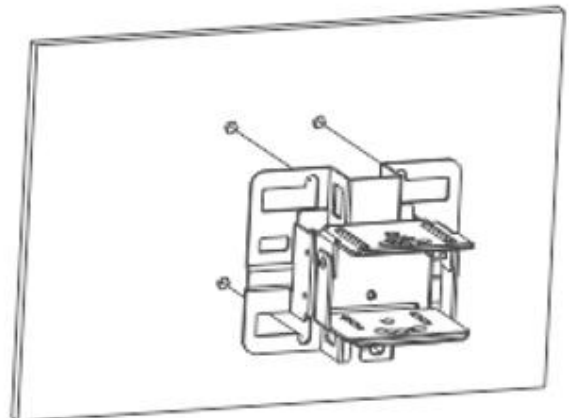


1.7 Wall Mounting

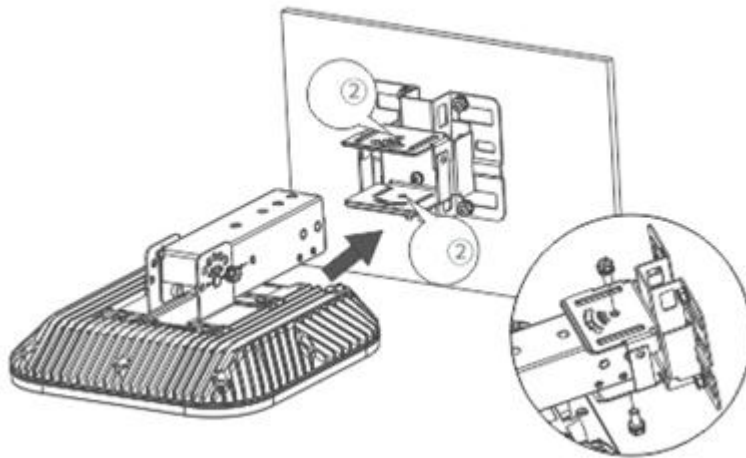
(1) Drill four holes with a hole pattern of 65 mm x 110 mm (2.56 in. x 4.33 in.) on the wall.



(2) Attach the mounting plate assembly to a wall with its semicircle opening facing downward. Secure the mounting plate assembly using the M8 x 60 mm expansion anchors.



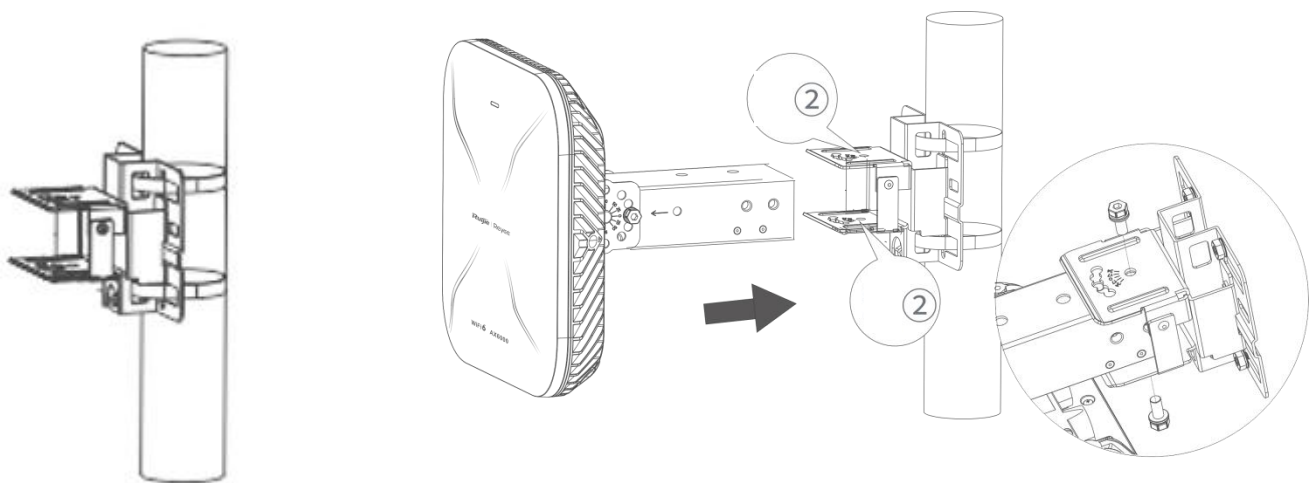
(3)Secure the access point with the mounting arm to the mounting plate assembly. Drive M8 x 20 mm screws into the holes noted by ②.



1.8 Vertical Pole Mounting

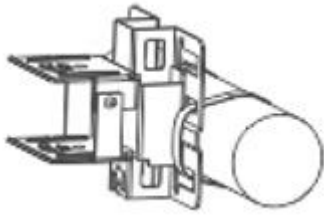
(1)Attach the mounting plate assembly to a vertical pole with its semicircle opening facing downward. Secure the mounting plate assembly by threading two hose clamps through the square holes on the mounting plate.

(2)Secure the access point with the mounting arm to the mounting plate assembly. Drive M8 x 20 mm screws into the holes noted by ②.

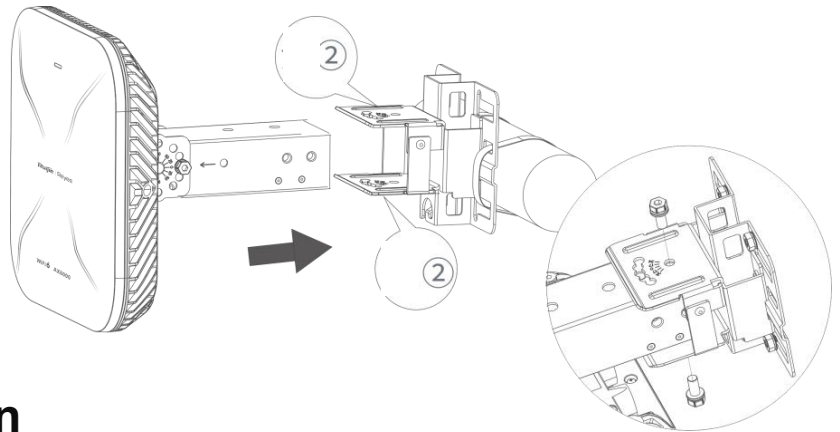


1.9 Horizontal Pole Mounting

(1) Attach the mounting plate assembly to a horizontal pole with its semicircle opening facing downward. Secure the mounting plate assembly by threading two hose clamps through the square holes on the mounting plate.



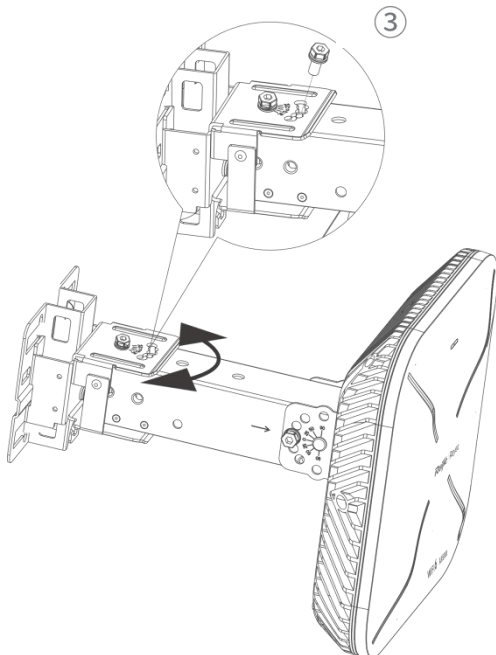
(2) Install the access point and the mounting arm to the mounting plate assembly. Drive M8 x 20 mm screws into the holes noted by ②.



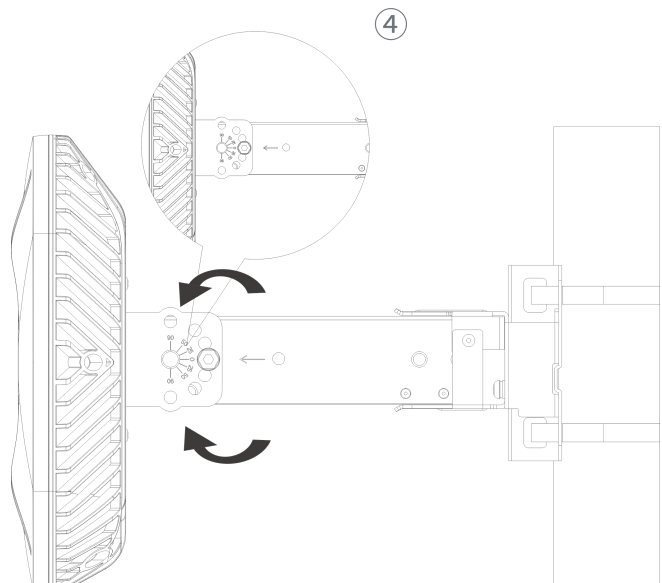
1.10 Adjusting Orientation

You are advised to mount the access point vertically. The orientation is adjustable.

(1) Side-tilt angles: The access point allows for left and right side-tilt angles of 0°, 17°, and 34°. After orienting the access point to the desired angle, drive M8 x 20 mm screws into the holes noted by ③.



(2) Downtilt and uptilt angles: The access point allows for downtilt and uptilt angles of 0°, 25°, 50° and 90°. After orienting the access point to the desired angle, drive M8 x 20 mm screws into the holes noted by ④.

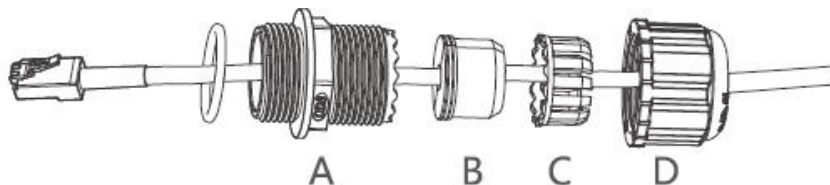


1.11 Installing the Ethernet Cable

(1) A cable gland assembly includes four components: A (adapter base), B (split gasket), C (grommet), and D (compression cap).

(2) Insert the unterminated end of an Ethernet cable through part D, C, B, and A in sequence. Install an RJ-45 connector on the unterminated end of the Ethernet cable. Carefully insert the RJ-45 connector into the Ethernet port of the access point. Thread A (adapter base) into the Ethernet port. Slide B (split gasket) and C (grommet) along the cable, pressing firmly to seat B (gasket) completely into C (grommet).

(3) Tighten D (compression cap) until C (grommet) and B (gasket) compress on to the cable and provide cable strain relief. Use a waterproof tape to tighten the cable gland.



Note

- The waterproof tape is not included in the package contents.
- If you want to use an SFP transceiver (optional accessory), the cable gland can only hold the LC to LC fiber-optic cable with a diameter ranging from 2.8 mm to 3.2 mm (0.11 in. to 0.13 in.).
- When removing the cable gland, proceed in the reverse order of the installation. Start by loosening D (compression cap). Otherwise, the Ethernet cable may be damaged.

1.12 Configuring the Access Point

Method 1: App-based Configuration

Scan the QR-code in the manual or on the device to download Ruijie Cloud App. Find First time use Ruijie Cloud? and follow the guide on App to configure the network.



Method 2: Web-based Configuration

1. Connect the access point to the SSID. If multiple devices exist in the network, use SSID @Ruijie-mXXXX. If only one device exists in the network, use SSID @Ruijie-sXXXX. You can also create a wired connection by connecting your PC to the LAN port of the access point with an Ethernet cable.
2. Access <http://10.44.77.253> (recommended) or <http://192.168.120.1> (if there is no other gateway on the network) by browser.
3. Click Start Setup to create network projects.

Caution

The access point has no default password. No password is required upon first login. For safety concerns, you are advised to configure a password after login and change the password regularly.

1.13Appendix

Table 1-1 Power Supply Modes

Power Input	Standard PoE: IEEE 802.3bt standard, backward compatible with the IEEE 802.3at standard			
	Local power supply: 48 V DC/1 A			
Power Supply Mode	2.4 GHz	5 GHz	Data Rate	Max. Power Consumption
IEEE 802.3bt Standard (Recommended)	4 x 4	4 x 4	5952 Mbps	40 W
60 W Passive PoE Adapter (Recommended)	4 x 4	4 x 4	5952 Mbps	40 W
Local Power Supply (48 V DC /1 A)	4 x 4	4 x 4	5952 Mbps	40 W
IEEE 802.3at Standard	2 x 2	2 x 2	2976 Mbps	25 W
Note: The 60 W Passive PoE Adapter is an optional accessory. The access point is not 802.3af-compliant.				