Ruijie | Reyee

RG-RAP6262

User Manual

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

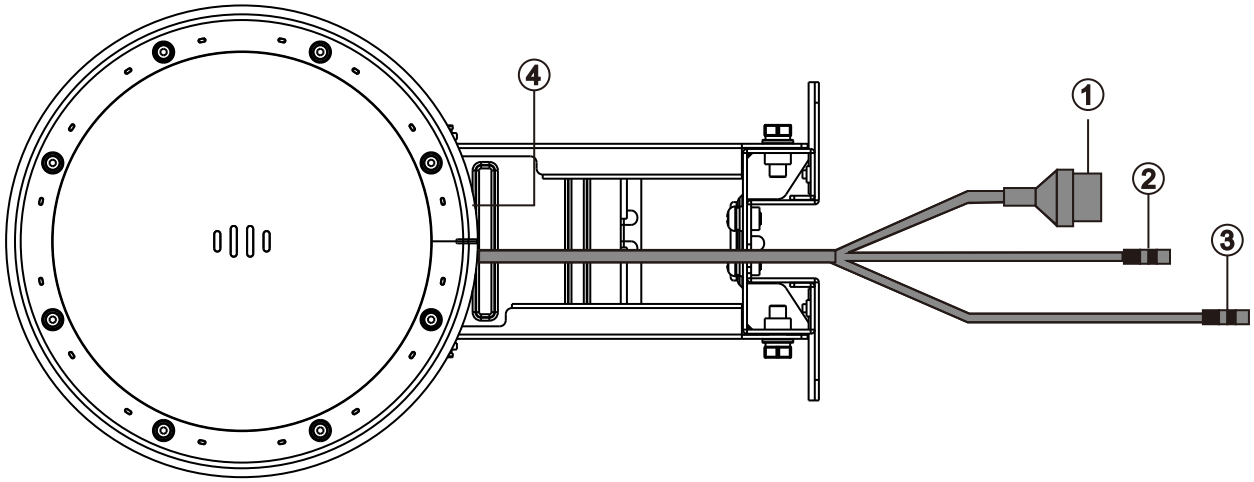
Table of contents

User Manual

Package Contents

Item	Quantity
RG-RAP6262 Access Point	1
Pole Clamps	2
Mounting Plate	1
M8 x 20 Screws	2
M8 x 60 Expansion Anchors	4
User Manual	1
Cable Gland for SFP Port	1
SFP Port Plug (Pre-installed on the Access Point)	1
Mounting Arm (Pre-installed on the Access Point)	1

Ports



Note: ①LAN/PoE Port ②12V DC Connector
③RESET Hole ④SFP Port

Technical Specifications

Item	Specifications
Dimensions (W x D x H)	230 mm × 230 mm × 195 mm (9.06 in. x 9.06 in. x 7.68 in., without the mounting plate)

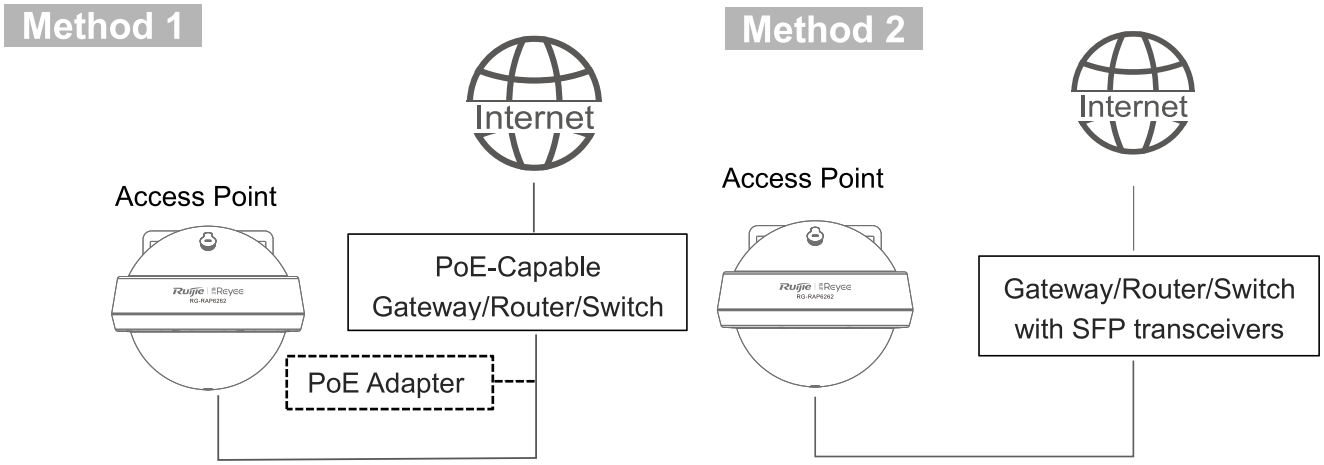
Data Rate	2.4 GHz: 574 Mbps 5 GHz: 2402 Mbps Combined: 2976 Mbps
Operating Radio	802.11b/g/n/ax: 2.4 GHz to 2.4835 GHz 802.11a/n/ac/ax: 5.150 GHz to 5.350 GHz, 5.470 GHz to 5.725 GHz, 5.725 GHz to 5.850 GHz
Antenna	Built-in omnidirectional antenna
Service Ports	One 10/100/1000 Base-T Ethernet port (PoE-capable) One 1000 Base-X SFP port
Restart/Reset	Supported
Status LED	Wi-Fi LED, system status LED and port status LED
Power Supply	There are two power supply modes available: 1. Local power supply: 12 V DC /2 A (The adapter is an optional accessory.) 2. IEEE 802.3at (PoE+) power supply
Max Power Consumption	24 W
Environment	Operating temperature: –30°C to 65°C (–22°F to 149°F)
	Storage temperature: –40°C to 85°C (–40°F to 185°F)
	Operating humidity: 0% to 100% (non-condensing)
	Storage humidity: 0% to 100% (non-condensing)
Weight	≤ 1.4 kg (3.09 lbs, without the mounting plate)
Color	Warm white

LEDs and Reset Hole

Item	Status	Description
Wi-Fi LED (Green)	Flashing	Data is transmitted by Wi-Fi.
	Solid on	Wi-Fi is enabled and no data is transmitted.
	Off	Wi-Fi is disabled.
System Status LED (Blue)	Fast flashing	The access point is starting up.
	Slow flashing (at 0.5 Hz)	The network is unreachable.
	Flashing twice in succession	Possible cases: 1. Restoring the access point to factory settings. 2. Upgrading the firmware. 3. Handling alarms automatically. Note: Do not power off the access point in this case.
	Solid on	The access point is functioning properly.

	Off	The access point is not receiving power.
LAN Port Status LED (Green)	Flashing	The port has made a successful link and is sending/receiving traffic.
	Solid on	The port has made a successful link and is not sending/receiving traffic.
	Off	No link is detected for the port.
SFP Port Status LED (Green)	Flashing	The port has made a successful link and is sending/receiving traffic.
	Solid on	The port has made a successful link and is not sending/receiving traffic.
	Off	No link is detected for the port.
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.

Connecting the Access Point to the Internet



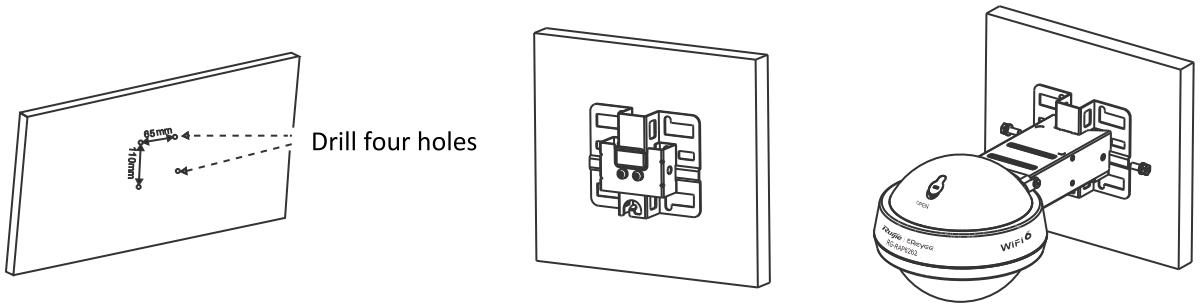
Note:

1. If the gateway or router or switch is not PoE-capable, an extra PoE power adapter or a DC power adapter (12 V/2 A) is needed.
2. The GE SFP transceiver for fiber connection is customer-supplied.
3. The access point can also be powered by a DC power adapter (12 V/2 A; inner diameter: 2.1 mm/0.08 in., outer diameter: 5.5 mm/0.22 in., depth: 9 mm/0.35 in.). The adapter should be purchased separately.

Mounting the Access Point

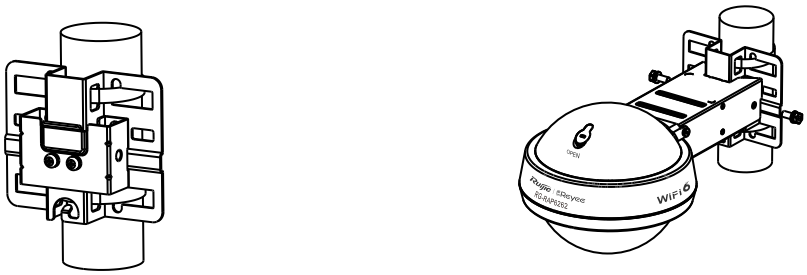
Note: Install the access point in a horizontal orientation.

Wall Mount



(1) Drill four holes with the hole pattern of 65 mm x 110 mm (2.56 in. x 4.33 in.) on the wall.
(2) Secure the mounting plate on the wall using M8 x 60 expansion anchors.
(3) Install the access point and the mounting arm to the mounting plate using M8 x 20 screws.

Vertical Pole Mount



(1) Secure the mounting plate to a vertical pole by threading two hose clamps through the square holes of the mounting plate. Tighten the screws using a Philips screwdriver.
(2) Install the access point and the mounting arm to the mounting plate using M8 x 20 screws.

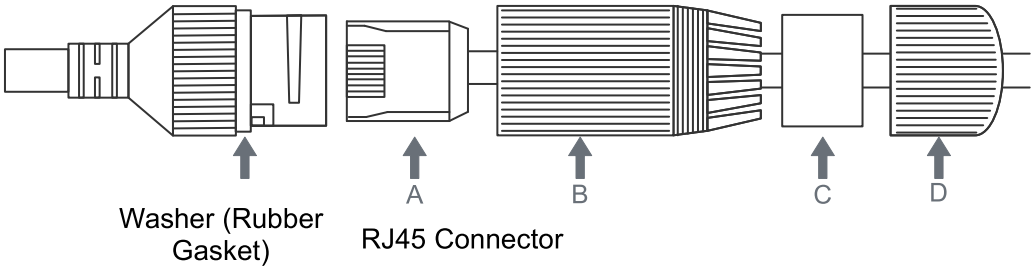
Horizontal Pole Mount

(1) Secure the mounting plate to a horizontal pole by threading two hose clamps through the square holes of the mounting plate. Tighten the screws using a Philips screwdriver.
(2) Install the access point and the mounting arm to the mounting plate using M8 x 20 screws.

Installing the Cables

Installing the Ethernet Cable

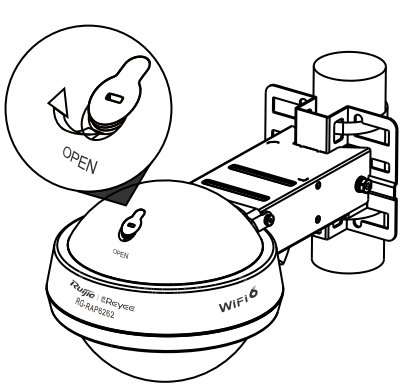
(1) Trim an Ethernet cable according to the distance between the access point and the power supply.
(2) Insert the unterminated end of the Ethernet cable through part D, C and B in sequence.

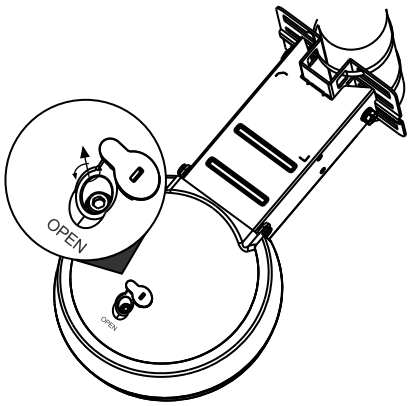


(3) Install an RJ45 connector on the unterminated end of the Ethernet cable using an Ethernet cable installation tool.
(4) Insert the RJ45 connector into the LAN/PoE port of the access point, and tighten part B, C and D in sequence.

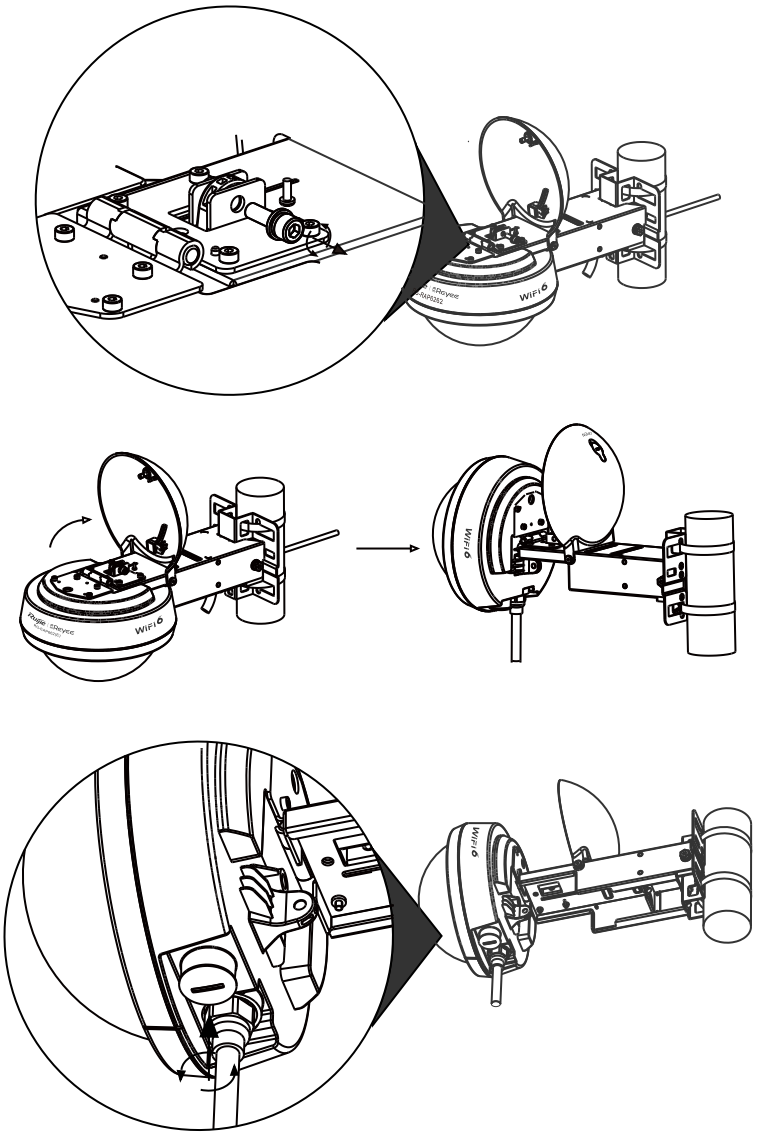
Installing the Fiber-Optic Cable

(1) Use a flat-blade screwdriver or a crowbar to remove the rubber plug. Then use a 5 mm Allen key to loosen the screw on the top cover of the access point.



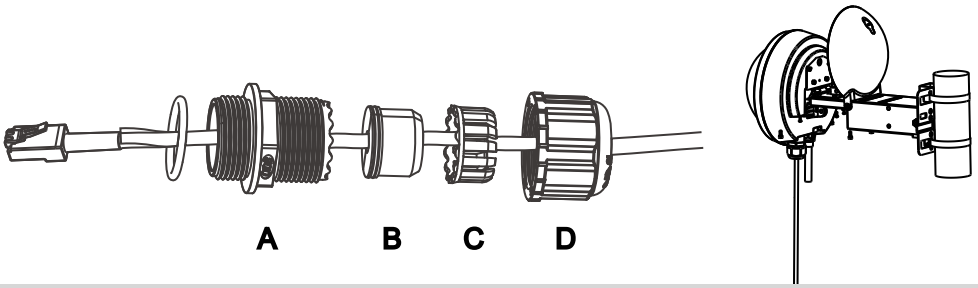


(2) Open the top cover and use the 5 mm Allen key to loosen the screw on the hinge pin. Remove the cables from the mounting arm and rotate the main unit 90 degrees clockwise. Use the flat-blade screwdriver to loosen the SFP port plug and insert a SFP transceiver (customer-supplied) into the port.



(3) A cable gland assembly includes four components: A (adapter base), B (split gasket), C (grommet), D (compression cap). Insert the unterminated end of a fiber-optic cable through part D, C, B and A in sequence. Install an RJ-45 connector on the unterminated end of the fiber-optic cable. Carefully insert the RJ-45 connector into the SFP port of the access point. Thread A (adapter base) into the SFP port. Slide B (split gasket) and C (grommet) along the cable, pressing firmly to seat B (gasket) completely into C (grommet). Tighten D (compression cap) until C (grommet) and B (gasket) compress on to the cable

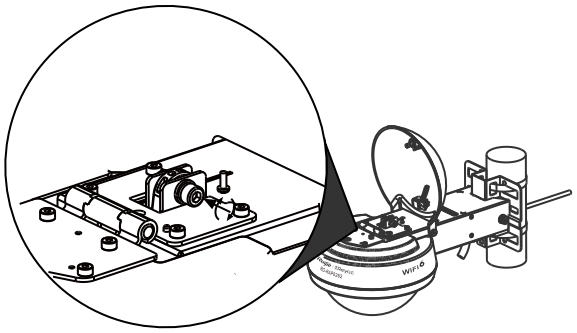
and provide cable strain relief. Use a waterproof tape to tighten the cable gland.



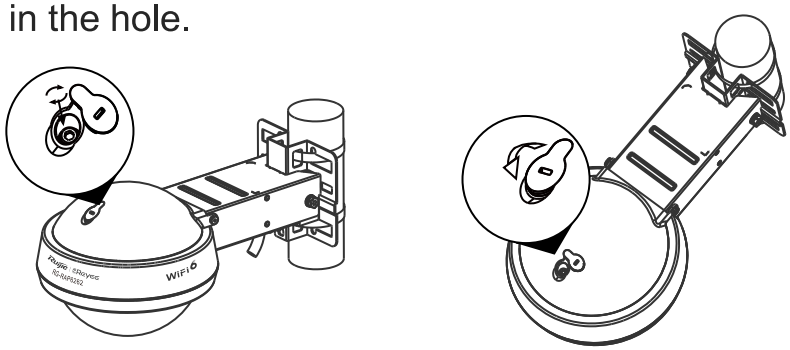
Note:

1. The waterproof tape and SFP transceiver are customer-supplied.
2. If you want to use an SFP transceiver (customer-supplied), 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.).
3. 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.

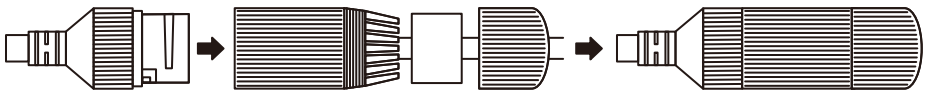
(4) Rotate the main unit 90 degrees counterclockwise to remain horizontal with the ground. Tighten the screw on the hinge pin with the 5 mm Allen key.



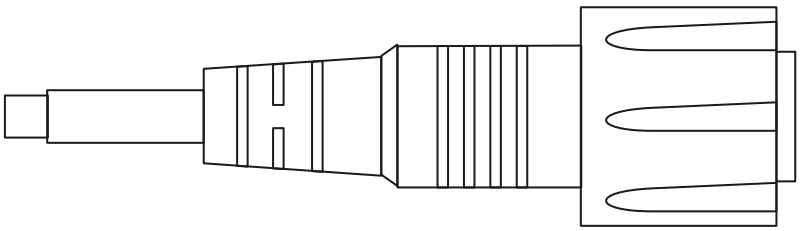
(5) Close the top cover and use the 5 mm Allen key to tighten the screw. Install the rubber plug in the hole.



(6) If you want to install the cable gland without an Ethernet cable threaded through it, insert the waterproof rubber rod into the washer (rubber gasket), and tighten part B, C and D in sequence.



(7) Make sure to seal the DC port and the reset button with clean weatherproof caps and insert them into the slot of connecting rod.



English

Configuring the Access Point

Method 1 (Recommended)

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 the App to configure the network.

Method 2

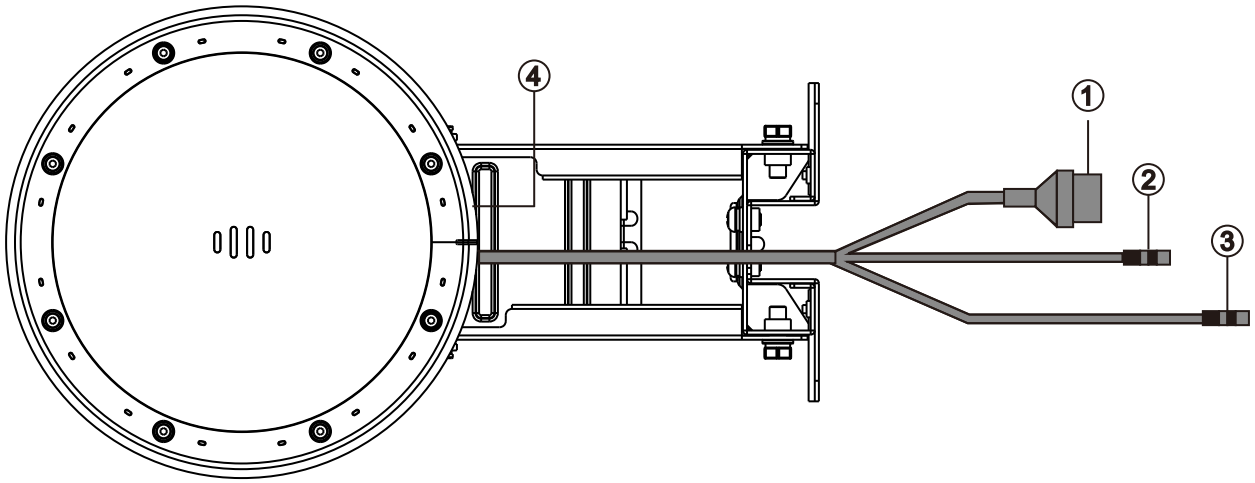
1. Connect the access point to the SSID. If multiple devices exist in the network, use SSID @Ruijie-mXXXX. If only one device exists in the network, use SSID @Ruijie-sXXXX. You can also create a wired connection by connecting your PC to the Ethernet port of the access point with an Ethernet cable.
2. If there is only one Reyee device in the network, access http://192.168.120.1 via the browser. Otherwise, access http://10.44.77.253. In the latter case, configure your phone or PC with an IP address in the same network segment as 10.44.77.253, for example, 10.44.77.250.
3. Click **Start Setup** to create network projects.

دليل المستخدم

محتويات الصندوق

البند	الكمية
RG-RAP6262نقطة الوصول	1
مربط عمود	2
صفيحة تثبيت	1
ملم20 × M8مسمار	2
60 × M8خابور تثبيت	4
دليل المستخدم	1
SFPجلبة كابل للمنفذ	1
(مركب مسبقًا بنقطة الوصول)SFPمقبس للمنفذ	1
ذراع تثبيت (مركب مسبقًا بنقطة الوصول)	1

المنافذ



ملاحظة :

① المنفذ LAN/PoE
② موصل 12 فولت تيار مستمر
③ ثقب إعادة الضبط (RESET)
④ المنفذ SFP

المواصفات الفنية

البند	المواصفات
الأبعاد (العرض × العمق × الارتفاع)	230 ملم × 230 ملم × 195 ملم (9.06 بوصة × 9.06 بوصة × 7.68 بوصة، بدون صفيحة التثبيت)

معدل البيانات	2.4 جيجاهيرتز: 574 ميجابت/ ثانية 5 جيجاهيرتز: 2402 ميجابت/ ثانية مجتمعين: 2976 ميجابت/ ثانية
لاسلكي التشغيل	802.11b/g/n/ax: 2.4 جيجاهيرتز إلى 2.4835 جيجاهيرتز 802.11a/n/ac/ax: 5.150 جيجاهيرتز إلى 5.350 جيجاهيرتز، 5.470 جيجاهيرتز إلى 5.725 جيجاهيرتز، 5.725 جيجاهيرتز إلى 5.850 جيجاهيرتز
الهوائي	هوائي مُدمج جميع الاتجاهات
منافذ الخدمة	منفذ إيثرنت نطاق أساسي-سلك مبروم 10/100/1000Base-T (مجهز بتقنية PoE) منفذ SFP نطاق أساسي-ألياف بصرية/ أسلاك نحاس 1000Base-X
إعادة التشغيل / إعادة الضبط	مدعوم
مؤشر ليد الحالة	مؤشر ليد الواي فاي، مؤشر ليد حالة النظام، مؤشر ليد حالة المنافذ
مصدر الطاقة	يتوفر وضعان لمصدر الطاقة: 1. مصدر الطاقة المحلي: 12 فولت تيار مستمر (مباشر) / 2 أمبير (المحول ملحق اختياري.) 2. مصدر طاقة عبر إيثرنت (PoE+) متوافق مع المعيار IEEE 802.3at
أقصى استهلاك للطاقة	24 واط
البيئة	درجة حرارة التشغيل: -30 إلى 65 درجة مئوية (-22 إلى 149 درجة فهرنهايت)
	درجة حرارة التخزين: -40 إلى 85 درجة مئوية (-40 إلى 185 درجة فهرنهايت)
	نسبة رطوبة التشغيل: 0% إلى 100% (بدون تكاثف)
	نسبة رطوبة التخزين: 0% إلى 100% (بدون تكاثف)
الوزن	≥ 1.4 كجم (3.09 رطل، بدون صفيحة التثبيت)
اللون	أبيض دافئ

المؤشرات الليد وثقب إعادة الضبط

البند	الحالة	الوصف
مؤشر ليد الواي فاي (أخضر)	وميض	شبكة الواي فاي ترسل البيانات.
	ضوء ثابت	تم تمكين شبكة الواي فاي ولا يتم إرسال بيانات.
	مطفأ	تم تعطيل شبكة الواي فاي.
مؤشر ليد حالة النظام (أزرق)	وميض سريع	نقطة الوصول تبدأ التشغيل.
	وميض بطئ (على 0.5 هيرتز)	يتعذر الوصول للشبكة.
	وميض مرتين متواليتين	الحالات الممكنة: 1. نقطة الوصول تستعيد إعدادات المصنع. 2. جارٍ ترقية البرنامج الثابت. 3. التعامل مع الإنذارات تلقائيًا.