

Installation Guide

Indoor/Outdoor Access Point

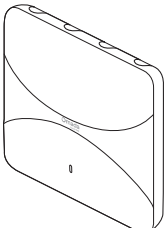


Scan for
Campus AP Start Guide

Note: AP8788 is used as an example throughout the guide. Images may differ from your actual product.

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Package Contents



1×

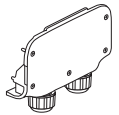


4×

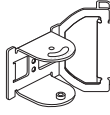
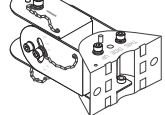
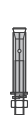


1×

Waterproof Kit

	For Φ 7–8 mm cable	For Φ 5–6 mm cable	For Φ 2–3 mm cable	For Φ 2–3 mm two-fiber cable	For Φ 5–6 mm & Φ 2–3 mm cables
1×	2×	2×	1×	1×	1×

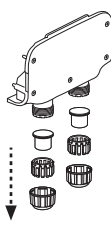
Mounting Kit

	$\pm 45^\circ$ Vertical $\pm 45^\circ$ Horizontal		$\pm 90^\circ$ Vertical $\pm 45^\circ$ Horizontal				
1×	1×	1×	2×	1×	3×	2×	

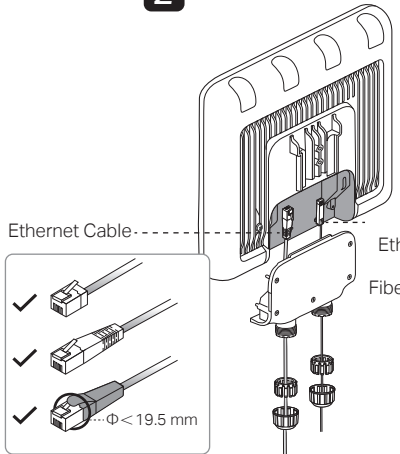
Waterproofing

Waterproof your cable(s) with the proper seal(s) according to the cable type and diameter.

1



2

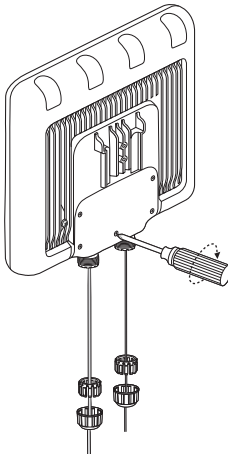


Ethernet Cable

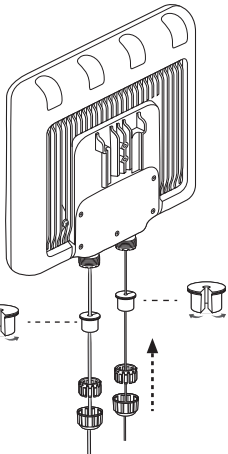
(Optional) Ethernet Cable and/or Fiber-Optic Cable

✓ $\Phi < 19.5$ mm

3



4



- ⚠ 1. For an unused cable opening, do not remove its no-hole seal.
2. If you route an Ethernet cable and a fiber-optic cable through a cable opening, use the three-hole seal provided and remove one or both plugs according to the fiber type.

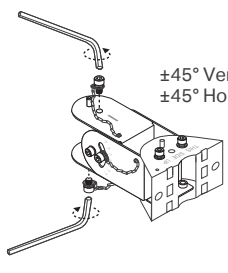
Bracket Mounting

Choose the bracket and mounting options. The Standard Bracket uses less space, while the Extended Bracket provides more vertical adjustment.

- Notes:
1. Ensure the pole or wall can support at least four times the combined weight of the AP and mounting kit.
 2. The actual adjustment angle may be affected by the antenna and installation position.

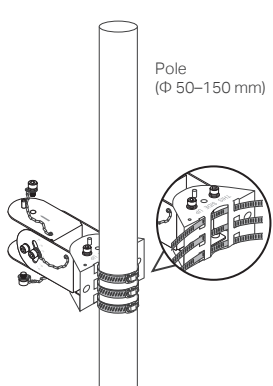
Option 1: Standard Bracket

Prepare



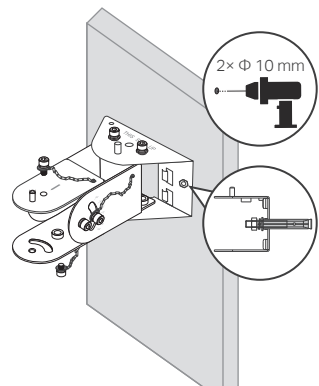
$\pm 45^\circ$ Vertical
 $\pm 45^\circ$ Horizontal

Option 1: Pole Mounting



Pole (Φ 50–150 mm)

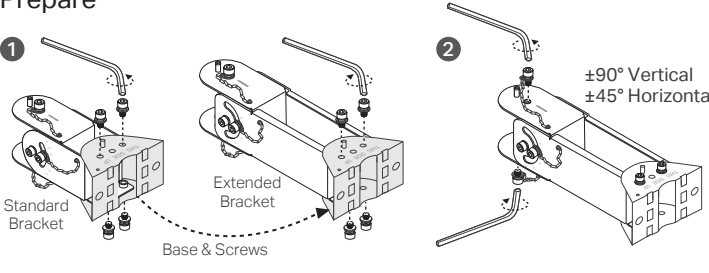
Option 2: Wall Mounting



2× Φ 10 mm

Option 2: Extended Bracket

Prepare



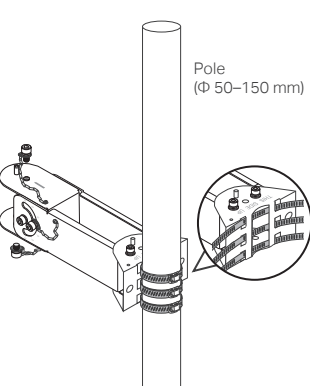
$\pm 90^\circ$ Vertical
 $\pm 45^\circ$ Horizontal

Standard Bracket

Extended Bracket

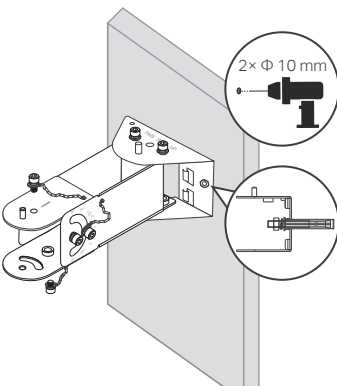
Base & Screws

Option 1: Pole Mounting



Pole (Φ 50–150 mm)

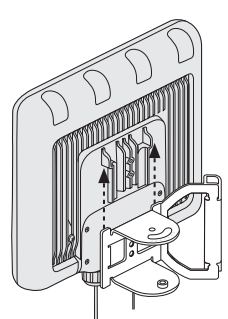
Option 2: Wall Mounting



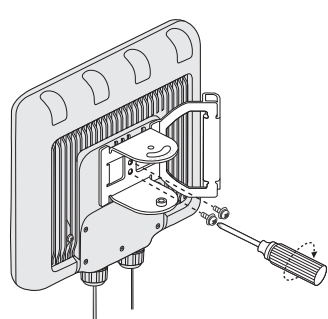
2× Φ 10 mm

AP Installation

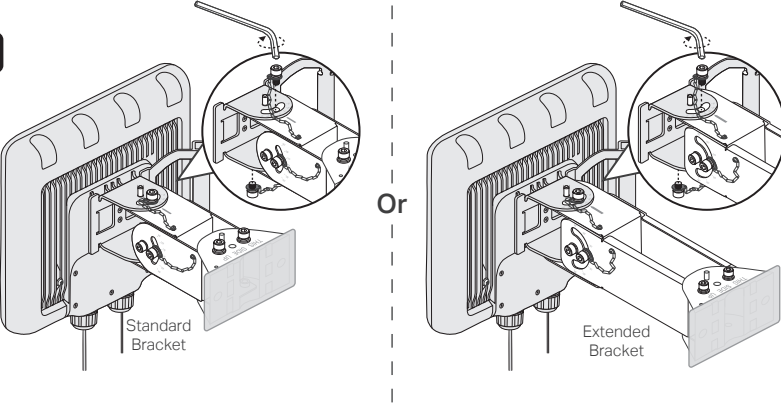
1



2



3



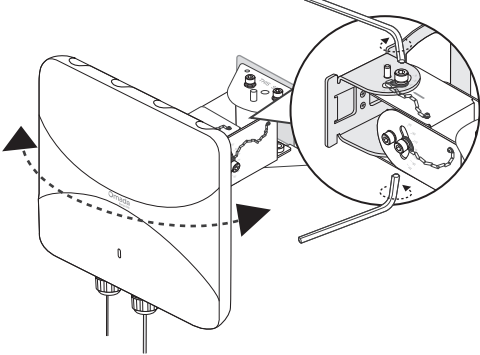
Standard Bracket

Or

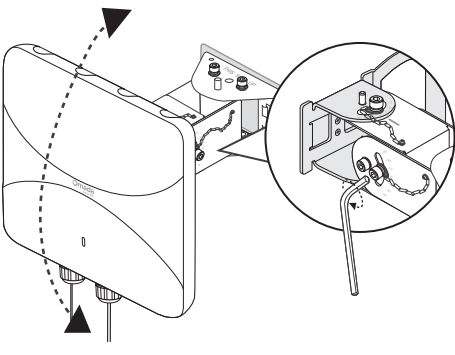
Extended Bracket

AP Orientation

Horizontal Adjustment:



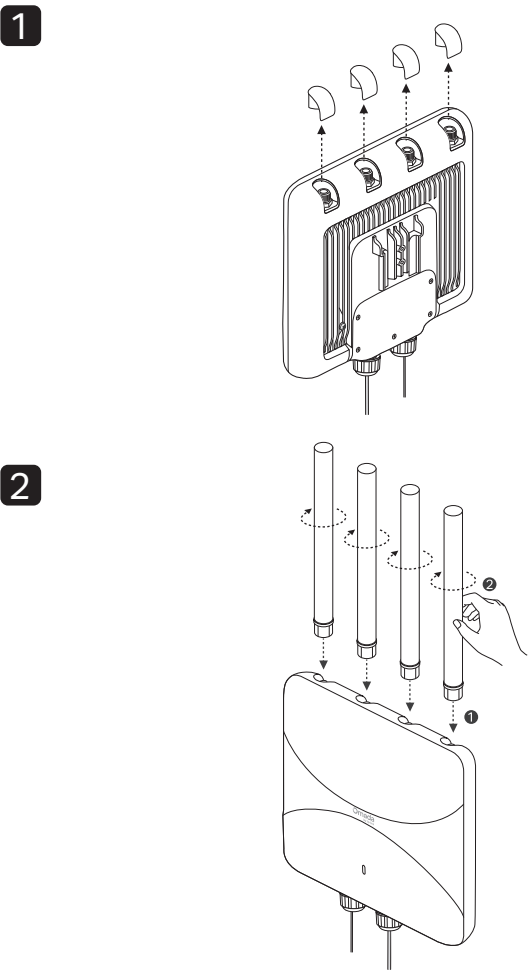
Vertical Adjustment:



Antenna Orientation

(Optional) External Antenna Installation

With the external antennas installed, the device will automatically switch to omnidirectional mode; otherwise, the device operates in directional mode by default.

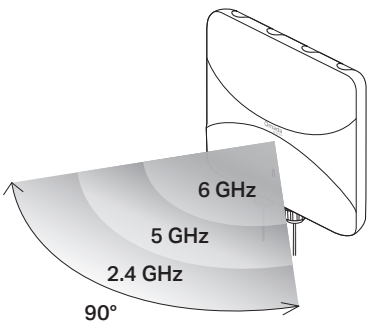


Antenna Orientation

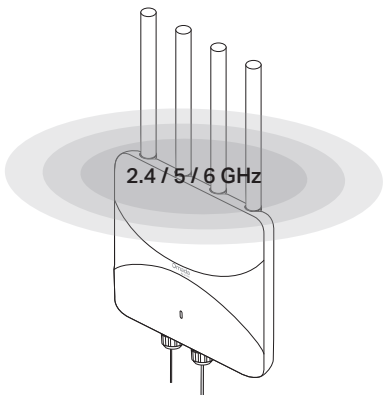
By default, the antenna mode automatically switches based on the presence of external antennas. To manually adjust the antenna mode, use the management page of the AP or Omada Controller.

Note: Using third-party external antennas is not recommended, as smart switching may not work properly.

• Directional Mode

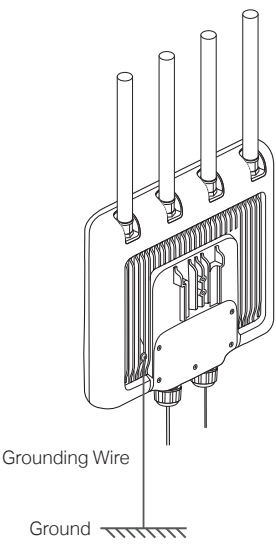


• Omnidirectional Mode



Connection

1. Grounding

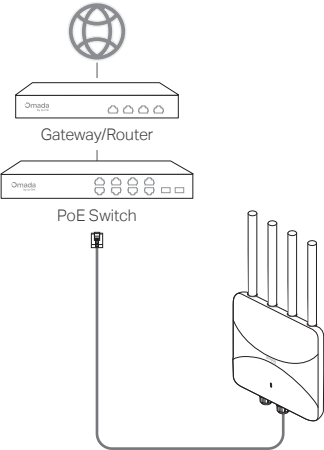


! For lightning and ESD protection, connect the AP's grounding terminal to grounding facilities using a proper grounding wire, which should meet local installation requirements.

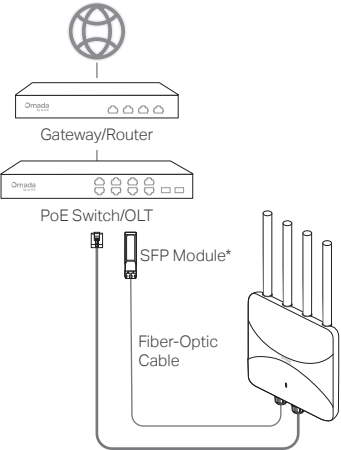
2. Connect to Network

The AP can connect to the internet via an Ethernet or fiber network.

Option 1: Via Ethernet



Option 2: Via Fiber Network

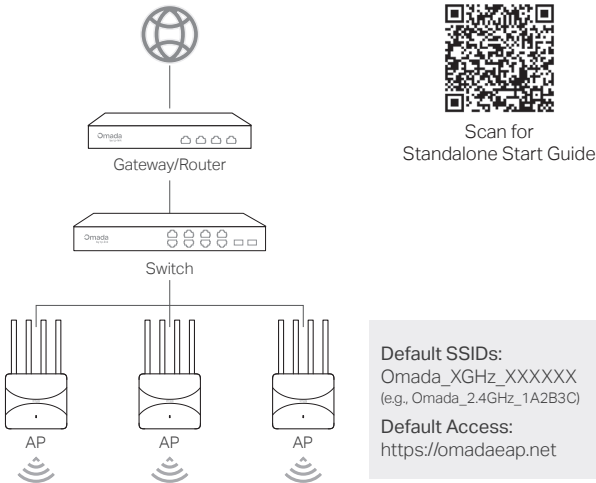


* Ensure the SFP module is compatible with your uplink device.

Configuration

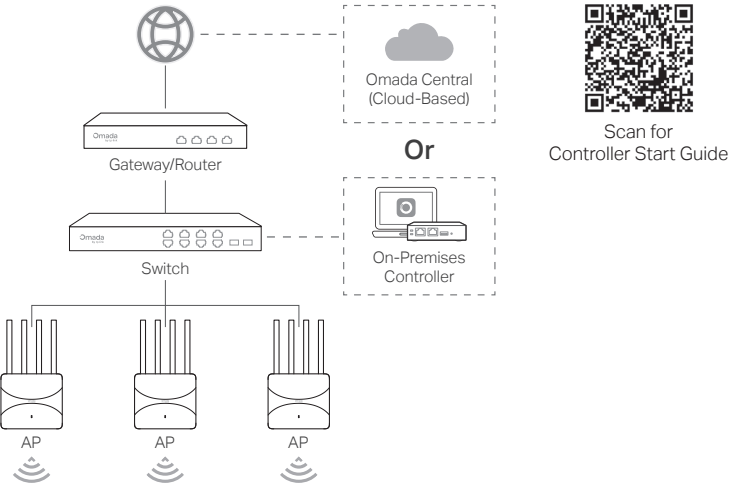
Option 1: Standalone Mode

Configure and manage each AP on its standalone page.



Option 2: Controller Mode

Configure and manage APs (and other Omada devices) centrally on an Omada Controller.



Omada App

With the TP-Link Omada app, access and manage your Omada devices at a local site or remotely with a tap of your phone.



More Configurations

For more configurations, refer to the User Guides of the Omada Controller and Omada Access Points at: <https://support.omadanetworks.com/document/>



Safety Information

- Keep the device away from fire or hot environments. DO NOT immerse in water or any other liquid.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use the device where wireless devices are not allowed.
- This equipment shall be powered only by equipment whose output complies with Power Source Class 2 (PS2) or Limited Power Source (LPS) as defined in IEC 62368-1.

TP-Link hereby declares that the Access Point is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2011/65/EU, and (EU)2015/863. The original EU Declaration of Conformity may be found at <https://www.tp-link.com/en/support/ce/>.

TP-Link hereby declares that the Access Point is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017. The original UK Declaration of Conformity may be found at <https://www.tp-link.com/support/ukca/>

Attention: In EU member states, EFTA countries, and Northern Ireland, operation in the frequency range 5150 MHz–5350 MHz is only permitted indoors.

Attention: In Great Britain, operation in the frequency range 5150 MHz–5350 MHz is only permitted indoors.

For the AP Controller, go to the **Devices** page and select the desired AP to specify the channel.

For the web browser, go to **Wireless > Wireless Settings** to specify the channel.

	AT	BE	BG	CH	CY	CZ	DE	DK
	EE	EL	ES	FI	FR	HR	HU	IE
	IS	IT	LI	LT	LU	LV	MT	NL
	NO	PL	PT	RO	SE	SI	SK	UK(NI)
								UK

More Resources

Main Site	https://www.omadanetworks.com/
Video Center	https://support.omadanetworks.com/video/
Documents	https://support.omadanetworks.com/document/
Product Support	https://support.omadanetworks.com/product/
Technical Support	https://support.omadanetworks.com/contact-support/

Warranty

For details on the warranty period, policy, and procedures, visit <https://support.omadanetworks.com/warranty-services/>.

Support

For technical support, user guides, and other information, please visit <https://support.omadanetworks.com/>, or simply scan the QR code.

