

Quick Installation Guide

Wireless Bridge



Scan for
Bridge AP Start Guide

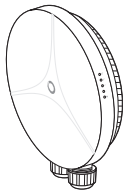
Note: Beam Bridge 7 KIT is used as an example throughout the guide. Images may differ from your actual product.

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Package Contents

The kit contains a Main AP and a Client AP, which can be distinguished by the role label on the back of the AP.

Note: Accessories may vary by region and model.

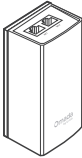


2×



Guide

1×



2×



4×



4×



2×



For Shielded Cables

2×



For Unshielded Cables

2×



For Single Fiber-Optic Cables

2×



For Dual Fiber-Optic Cables

2×



2×



4×



8×



8×

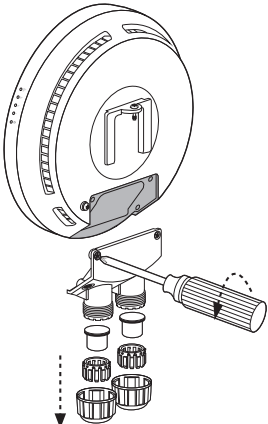


2×

Waterproofing

Waterproof the Ethernet cable (and fiber-optic cable, if any) with the provided seal(s).

1



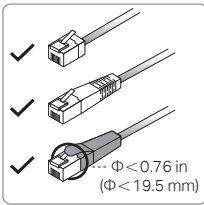
2



Ethernet Cable

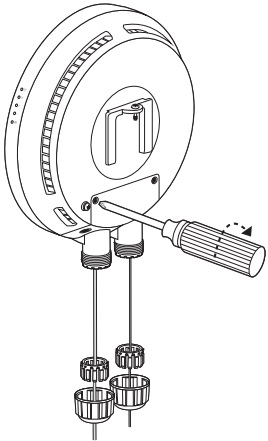


Fiber-Optic Cable (Optional)

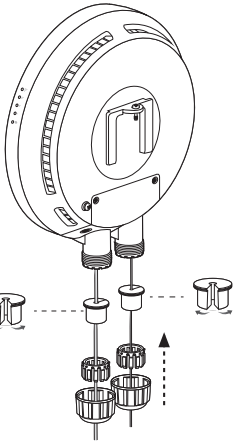


✓
✓
✓
Φ<0.76 in
(Φ<19.5 mm)

3



4

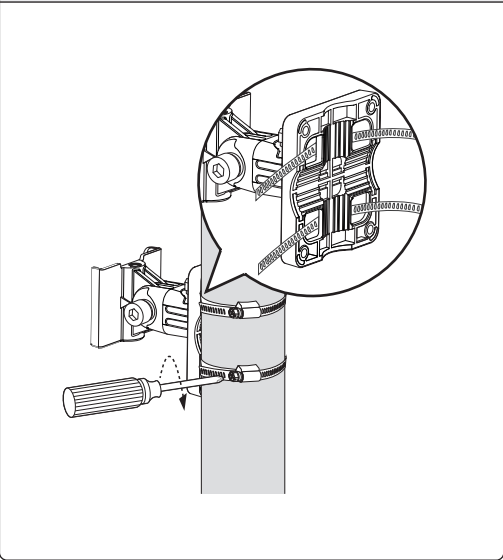




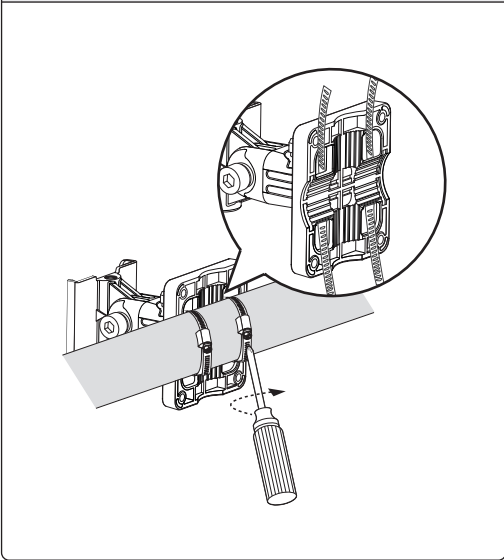
To ensure waterproofing, choose the proper seal(s) according to the type and diameter of your cable(s).

Mount the Bracket

Option 1: Vertical Pole Mounting



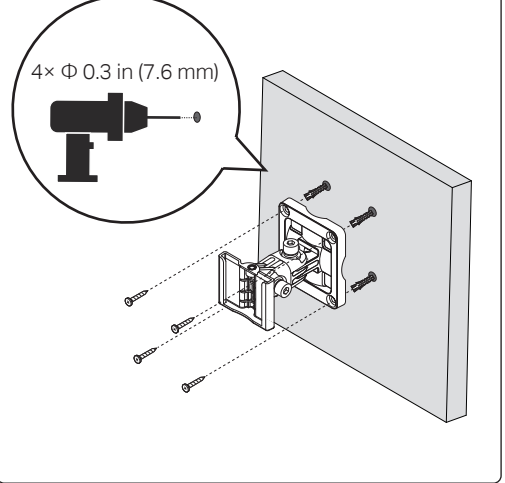
Option 2: Horizontal Pole Mounting



Option 3: Wall Mounting

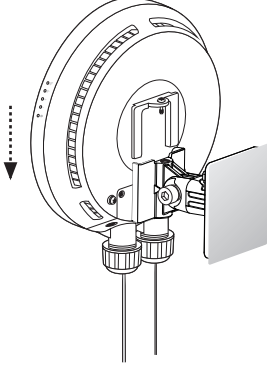


4× Φ 0.3 in (7.6 mm)

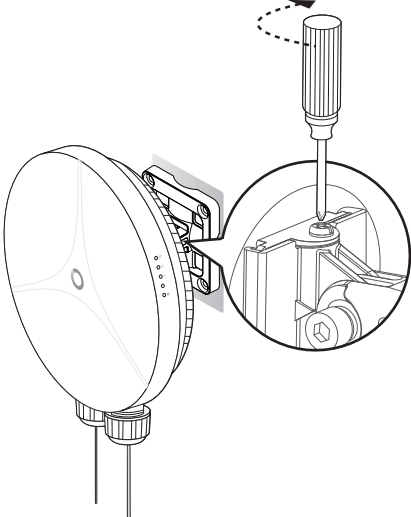


Install the AP

1



2



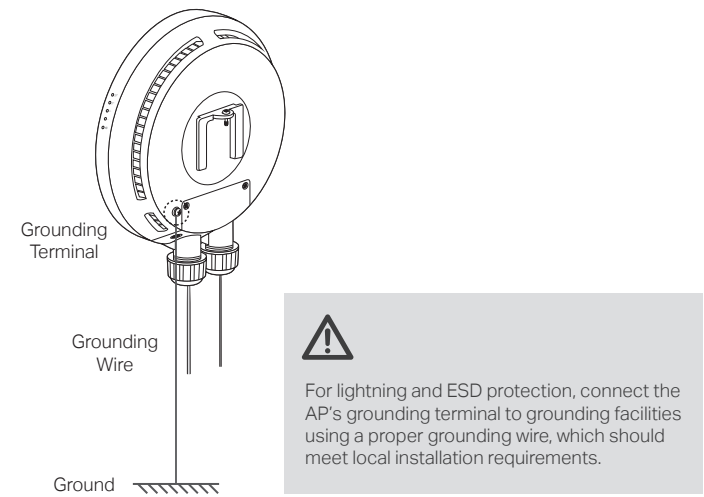
Adjust Orientation

Horizontal Adjustment:

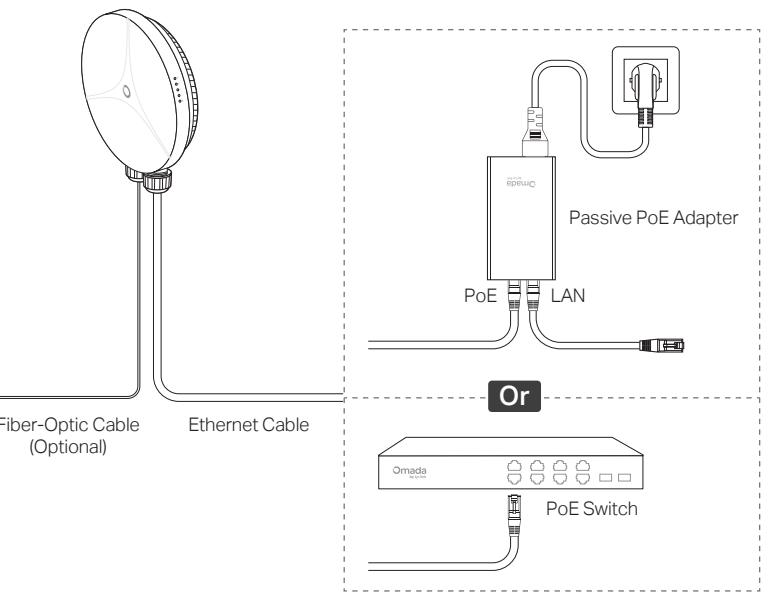
Vertical Adjustment:

Power On

1. Grounding

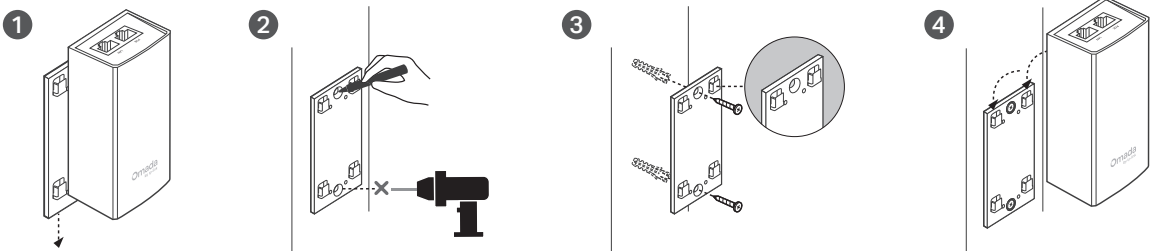


2. Power On



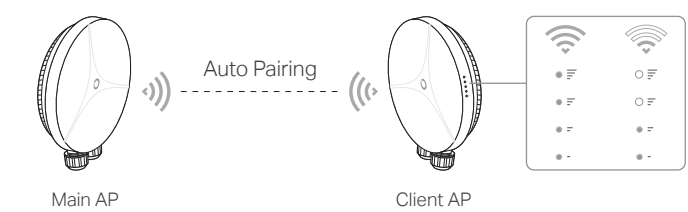
(Optional) Mount the Power Adapter

Note: This adapter shall be installed at a height of less than 2 meters.



Auto Pairing

The Main AP and Client AP in the same kit will automatically form a bridge network after powering on.

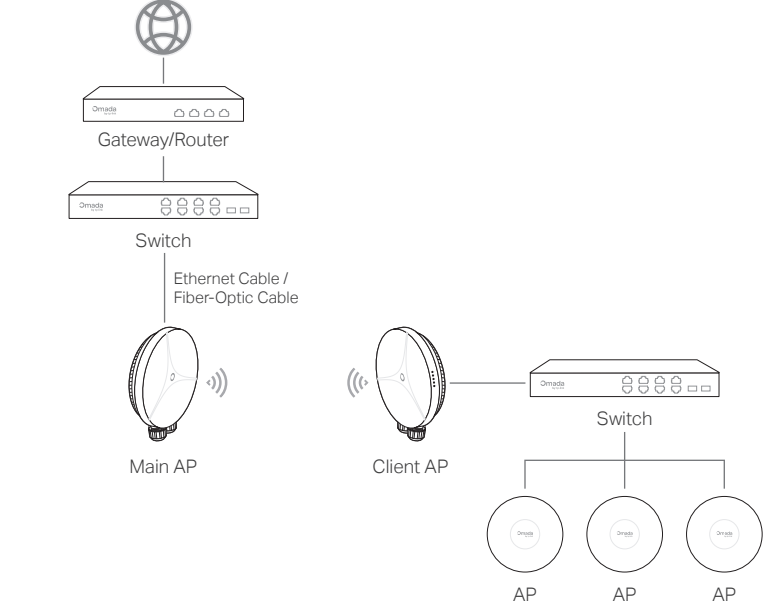


-
1. Check the role label to ensure you connect the Main AP and Client AP correctly in the network.

2. The default SSID on the product is only for device access and management. If you need an SSID to access the internet and service networks, refer to the **Network Management** section to set up the AP.

3. In a network without a DHCP server, the Main AP will use the DHCP fallback IP address **192.168.0.254** and assign IP addresses to Client APs.

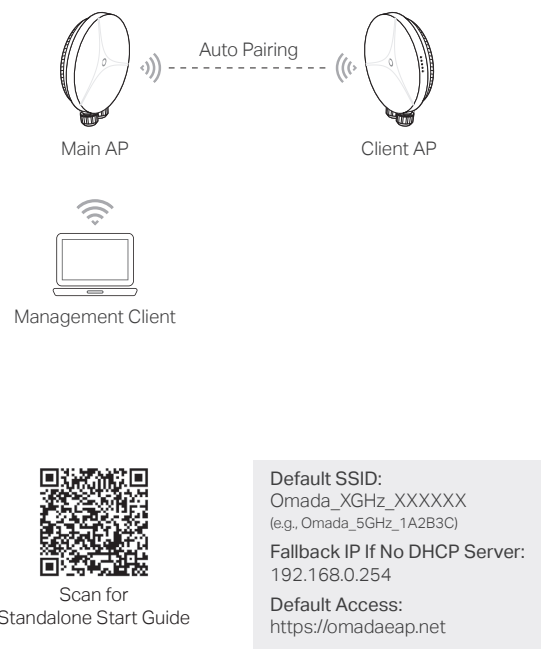
Typical Scenario



Network Management

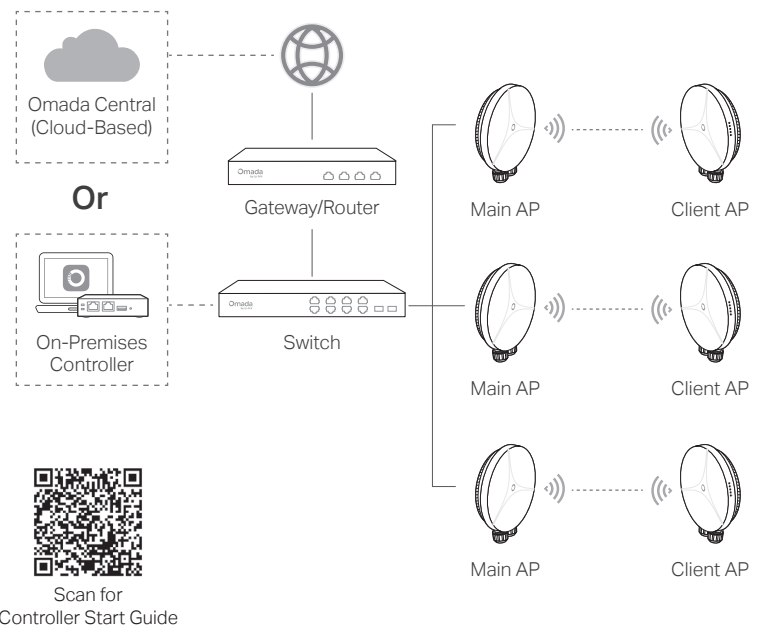
Option 1: Standalone Mode

Configure and manage APs through the Main AP.



Option 2: Controller Mode

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



Omada App

With the TP-Link Omada app, you can 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 Controllers and 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.
- Do not use a damaged charger or USB cable to charge the device.
- Do not use any other chargers than those recommended.
- The adapter shall be installed near the equipment and shall be easily accessible.
- The adapter should be used indoors where the ambient temperature is lower than or equal to 40 °C.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- Plug the adapter into a wall outlet with an earthing connection through the power supply cord.
- Use only power supplies which are provided by the manufacturer and in the original packaging of this product. If you have any questions, please don't hesitate to contact us.
- This equipment can be powered only by equipments that comply with Power Source Class 2 (PS2) or Limited Power Source (LPS) defined in the standard of IEC 62368-1.
- Use only power supplies listed in the user instructions. Refer to the User Manual on the product support page.

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.

