Quick Installation Guide

Wireless Backbone Bridge

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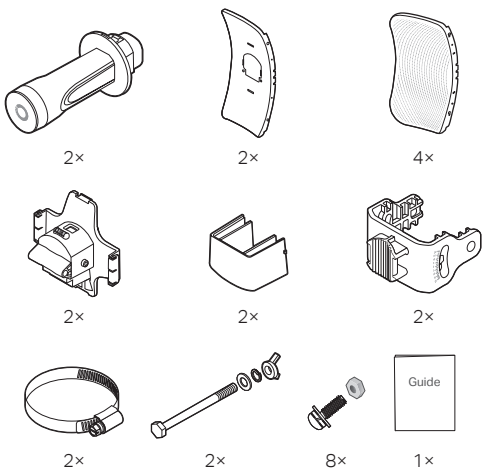
Bridge AP Start Guide

TERMS OF USE: The Omada Wireless Bridge series must be installed by a certified professional. Installers must abide by local rules and regulations in terms of legal frequency channels, output power, and Dynamic Frequency Selection (DFS) requirements.

Note: EAP2115-Bridge UR KIT is used as an example throughout the guide. Images may differ from your actual product.

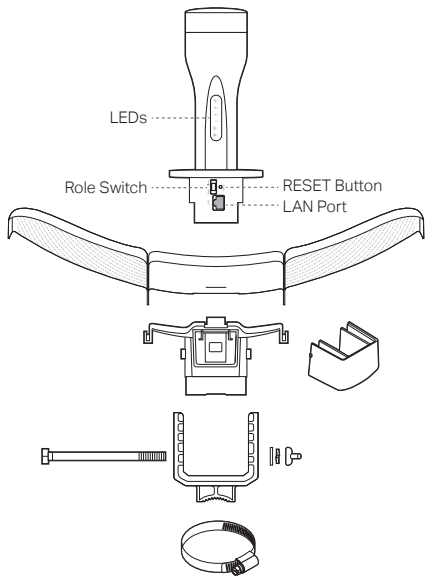
Package Contents

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



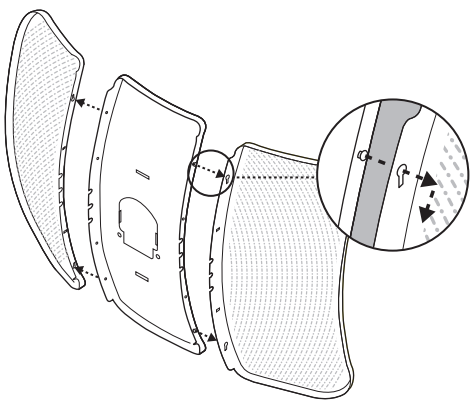
Note: Accessories may vary by region and model.

Hardware Overview



Installation

1



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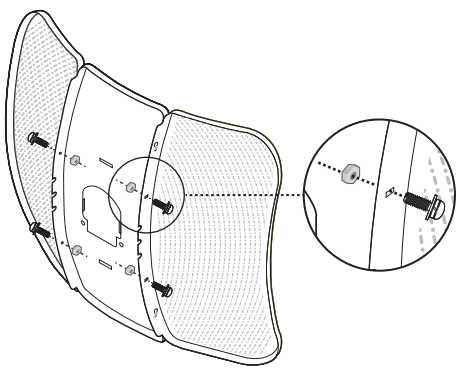

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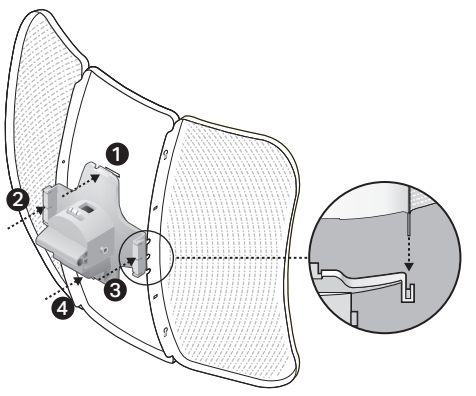
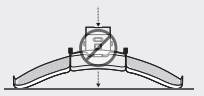


WARNING: To avoid damage, do not place the panels on a flat surface or push down on it.



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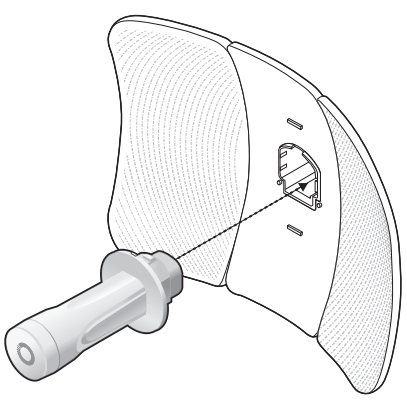

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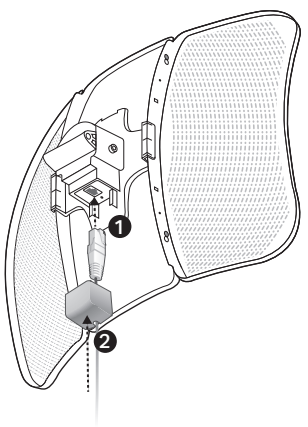

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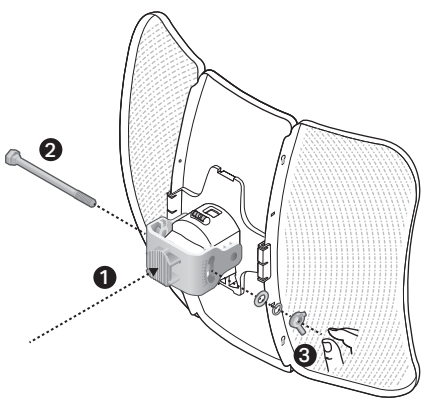

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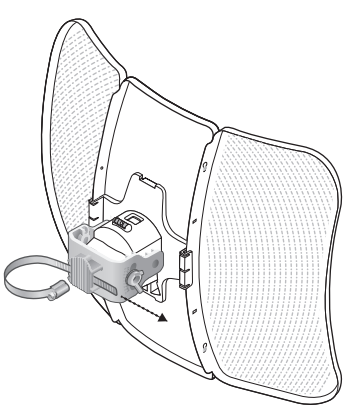

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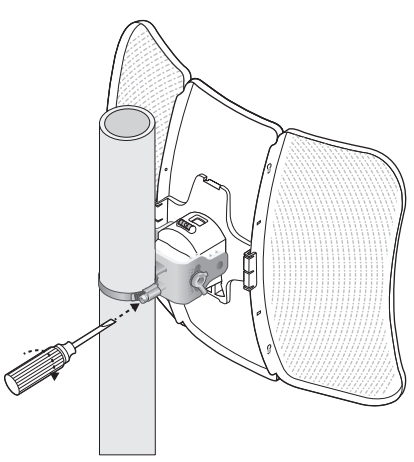

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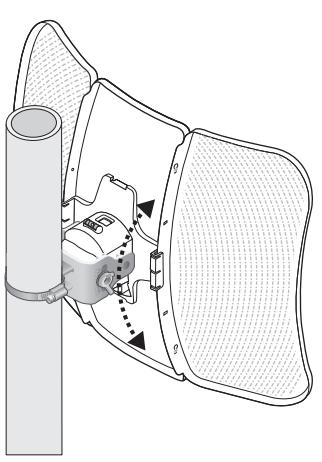
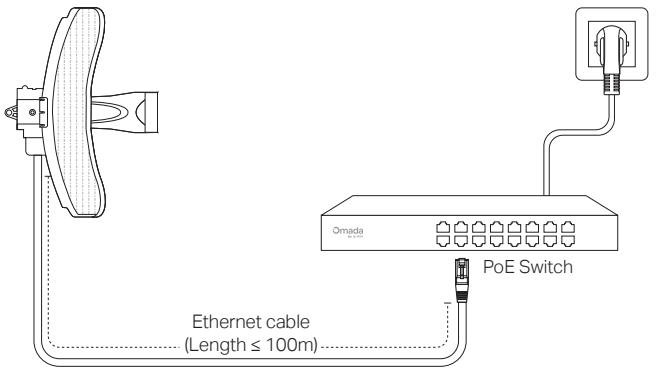
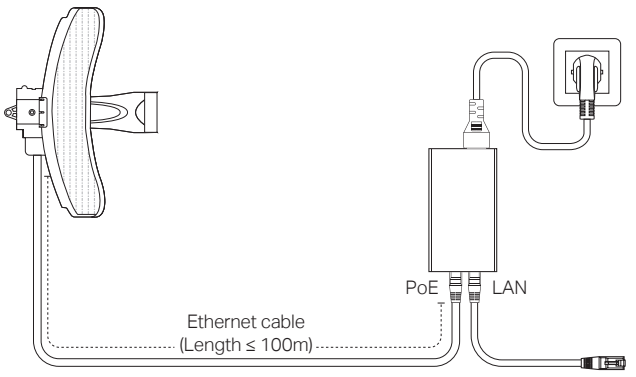


Power On

Option 1: Via PoE Switch



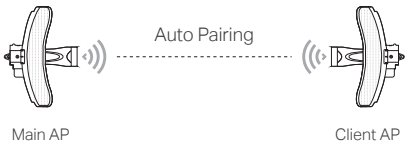
Option 2: Via Passive PoE Adapter



Note: For lightning & ESD protection, use the Shielded CAT5e (or above) cable with a ground wire.

Auto Pairing

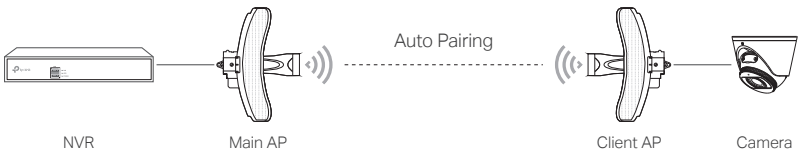
The Main AP and Client AP in the same kit will automatically form a bridge network after powering on.



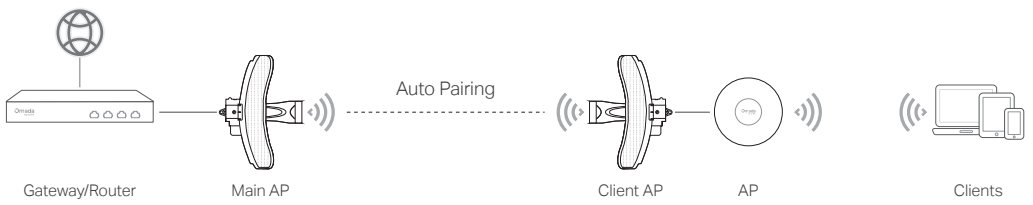
Notes:

1. Check the role switch to ensure you have connected the Main AP and Client AP in the network correctly. You can toggle the role switch to change the AP's role if needed.
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, Bridge APs will use the following DHCP fallback IP addresses:
   Main AP: 192.168.0.254
   Client AP: 192.168.0.253

Scenario 1: Remote Camera Monitoring



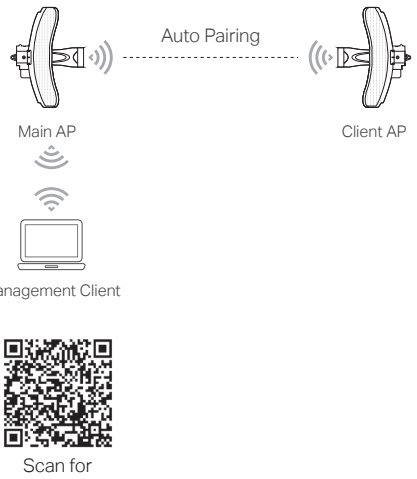
Scenario 2: Wi-Fi Extension



Network Management

Option 1: Standalone Mode

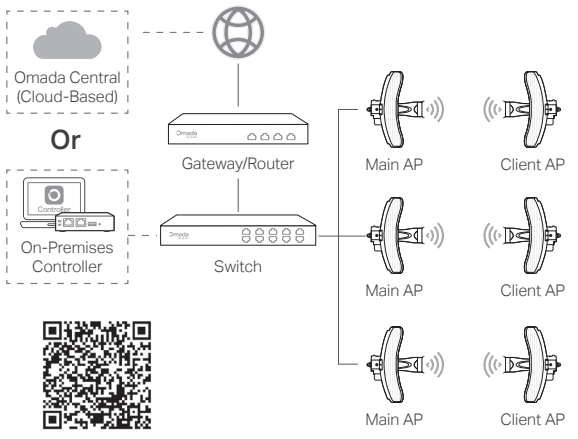
Configure and manage APs through the Main AP.



Scan for
Standalone Start Guide

Option 2: Controller Mode

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



Scan for
Controller Start Guide

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.

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Omada App

More Configurations

For more configurations, refer to the User Guides of the Omada Controller and Omada APs 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 any other chargers than those recommended.
- The AP can be powered only by a passive PoE adapter or a PSE device (such as a PoE switch) that complies with Power Source Class 2 (PS2) or Limited Power Source (LPS) defined in the standard of IEC 62368-1.

TP-Link hereby declares that the Bridge AP is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2009/125/EC, 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 Bridge AP 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, the operation in the frequency range 5150MHz - 5350MHz is only permitted indoors.

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

For the EAP Controller, go to the **Devices** page and select the desired EAP 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.