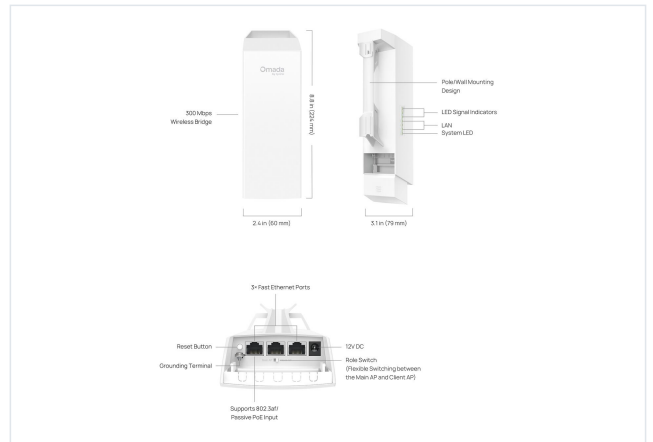
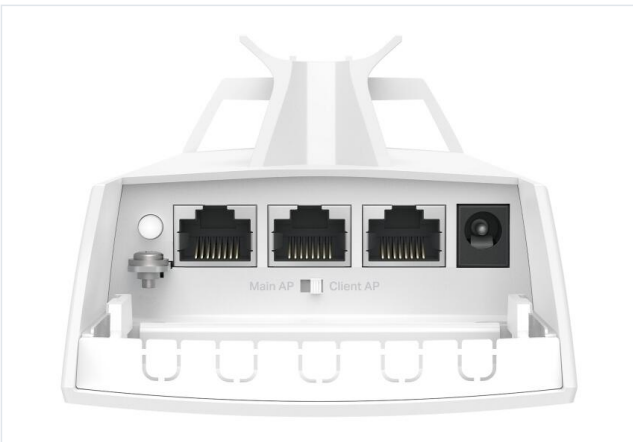


TP-EAP100-BRIDGE-KIT

TP-Link EAP100 Bridge kit Omada 2.4GHz Outdoor / Indoor CPE

Product Overview

TP-Link EAP100 Bridge kit Omada 2.4GHz Outdoor / Indoor CPE, TP-EAP100-BRIDGE-KIT, 3x 10/100 Mbps Ethernet Ports, 2 x 2 dual-polarized directional MIMO antennas, 8.0 dBi 2.4GHz antenna, 70 degrees polarisation, IP65 Weatherproof enclosure, Pole and Wall Mounting, PtP, PtMP, 500 m transmission distance, 2.4GHz Frequency, Up to 300 Mbps @ 2.4GHz, 2 x 2 MIMO, Mesh, Beamforming, Omada App





Specifications

Overview Summary:

The TP-Link EAP100-Bridge Kit offers an efficient, high-performance solution for wireless connectivity in both indoor and outdoor environments. Whether you need to connect remote buildings, surveillance cameras, or outdoor devices, this bridge kit ensures stable, long-distance communication. With up to 500 meters of transmission range and speeds of up to 300 Mbps at 2.4GHz, it is perfect for large properties or tough-to-reach areas. The plug-and-play setup, weatherproof design, and flexible power options, including PoE and solar compatibility, make it an ideal choice for seamless outdoor and remote networking. Buy now to experience easy setup and reliable performance.

Performance tier: High-performance

Uses: Surveillance systems, remote locations, outdoor network extension, long-distance wireless communication

Overview:

Omada EAP100-Bridge Kit: 2.4GHz 300Mbps Wireless Bridge for Indoor & Outdoor Use

The TP-Link EAP100-Bridge Kit is a versatile, high-performance wireless bridge that provides seamless Point-to-Point (PtP) and Point-to-MultiPoint (PtMP) connectivity. Whether you're connecting surveillance cameras, outdoor devices, or remote equipment, this reliable bridge is designed to meet your networking needs, indoors or outdoors. With a robust design and effortless installation, the EAP100-Bridge Kit is the ideal choice for fast, dependable long-distance wireless connections.

Description:

This comprehensive wireless bridge kit is built for high-performance, offering up to 500 meters of Wi-Fi transmission with speeds of up to 300 Mbps at 2.4 GHz. The kit includes an easy-to-use plug-and-play setup, with auto-pairing for immediate, hassle-free use. Its IP65-rated weatherproof enclosure ensures it thrives in harsh environments, and the app-guided alignment tool allows for precision installation. Featuring multiple power options, including PoE and solar compatibility, it is perfect for a range of applications, from surveillance to connecting remote locations.

Features:

Key Benefits and

- Up to 1640 ft (500 m) Wireless Range: Enjoy fast and stable connectivity over long distances, making it ideal for large properties or outdoor installations.
- Omada SmartBridging Technology: Simplifies the bridging process, ensuring effortless setup and immediate auto-pairing for

- fast, reliable connections right out of the box.
- Plug-and-Play Kit for Quick Deployments: Get started quickly with a preconfigured setup that requires no manual configuration. Just power it on, and it automatically pairs to deliver connectivity.
 - App-Guided Alignment for Precision Setup: Align your devices with ease using the visualized app that guides you through the setup process and helps verify your connection with instant speed testing.
 - Multiple Power Options for Flexibility: Supports 802.3af PoE, 12V DC, and 24V Passive PoE, and is compatible with TP-Link's solar power systems, offering versatile power solutions for different installation environments.
 - Durable, Weatherproof Design: Built to withstand the elements, this bridge is equipped with an IP65-rated enclosure and is operable in temperatures from -40degrees C to 70degrees C, making it ideal for both indoor and outdoor use.
 - Remote Monitoring & Management: Easily manage your network through Omada SDN, whether you're using the standalone mode or centralized management via a web UI or mobile app.
 - Multiple Ethernet Ports for Expanding Connectivity: Includes 3 Fast Ethernet ports to connect additional devices, such as cameras, without needing an extra switch.

Ideal Applications for the EAP100-Bridge Kit:

- Surveillance Systems: Perfect for monitoring large areas, such as construction sites, parking lots, farms, and ranches.
- Remote Locations: Easily connect remote buildings, equipment, or areas that lack wired infrastructure.
- Wide-Range Connectivity: Extend your network's range to cover long distances, from expansive outdoor spaces to hard-to-reach areas.

Robust and Reliable for Outdoor Use

The EAP100-Bridge Kit's tough design ensures reliable performance even in challenging weather conditions. It

- IP65 Weatherproof Rating: Keeps your devices protected from rain, dust, and other harsh conditions.
- 6 kV Lightning Protection: Safeguards against power surges and lightning strikes.
- Wide Operating Temperature Range: The bridge operates in extreme temperatures, from -40degrees C to +70degrees C, making it ideal for all climates.
- Wind Resistance: Built to withstand high winds, ensuring the bridge remains functional even in inclement weather.

Effortless Installation and Setup

- Preconfigured for Auto-Pairing: No need for complex setups; simply connect and power on.
- Signal Alignment Assistance: The app provides real-time alignment visuals, ensuring optimal performance.
- Instant Speed Test: Verify installation and connection speeds to confirm everything is running smoothly.

Versatile Power Solutions

- PoE Compatibility: The EAP100-Bridge Kit supports 802.3af PoE for efficient power delivery over Ethernet cables, or you can use a DC power supply or TP-Link's solar power system for remote deployments.

Conclusion

Whether you're building a network for surveillance, remote work, or outdoor installations, the TP-Link EAP100-Bridge Kit delivers a robust, user-friendly solution. Offering seamless connectivity over long distances, weatherproof durability, and easy setup, it's the ideal choice for both indoor and outdoor applications.

Specifications:

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Specifications	
Product Code	TP-EAP100-BRIDGE-KIT
HARDWARE FEATURES	

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Product Specification Sheet

Interface	3x 10/100 Mbps Ethernet Ports
Button	Reset
Power Supply	12V DC
	802.3af PoE (1,2pins , 3,6pins)
	24V Passive PoE / 48V Passive PoE (+4,5pins , -7,8pins)
Max. Power Consumption	4.8 W
Dimensions (W x D x H)	3.1 x 2.4 x 8.8 in (79 x 60 x 224 mm)
Antenna	Internal 2 x 2 Dual-polarized directional MIMO antennas
	2.4 GHz: 8.0 dBi
	Horizontal:70degrees, Vertical: 70degrees
Weatherproof Enclosure	IP65
Mounting	Pole and wall mounting (Pole accessories included)
WIRELESS FEATURES	
PtP	Yes
PtMP	Supports up to 1:3 multi-bridge connections.
Transmission Distance	500 m (0.31 mi)*
Wireless Standards	IEEE 802.11b/g/n
Frequency	2.4 GHz
Signal Rate	2.4 GHz: Up to 300 Mbps
Wireless Functions	MIMO: 2.4G 2 x 2 MIMO
	Mesh
	Beamforming
	Channel: 1-11 (US) , 1-13 (EU)
	Multiple SSIDs:8
	Wireless Statistics
	Wireless Schedule
	Reboot Schedule
	RADIUS Accounting
	Static IP/Dynamic IP
	Rate Limit
	Guest Network
	Enable/Disable Wireless Radio
	Enable/Disable SSID Broadcast
Wireless Security	VLAN
	Rogue AP Detection
	Maximum number of MAC Filter: 4,000
	Wireless Encryption

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Product Specification Sheet

Transmission Power	CE:
	FCC:
Management Features	
Omada App	Yes
Restore & Backup	Yes
Firmware update via Web	Yes
NTP	Yes
Centralized Management	Omada Hardware Controller
	Omada Software Controller
	Omada App
Email Alerts	Yes
LED ON/OFF Control	Yes
SNMP	Yes
System LoggingLocal/Remote Syslog	Yes
SSH	Yes
Web-based Management	Yes
OTHERS	
Certification	CE, FCC, RoHS
Package Content	EAP100-Bridge KIT
	Installation Guide
	Pole Mounting Kit
Environment	Operating Temperature: -40 degreesC-70 degreesC (-40 degreesF-158 degreesF)
	Storage Temperature: -40 degreesC-70 degreesC (-40 degreesF-158 degreesF)
	Operating Humidity: 10%-90% non-condensing
	Storage Humidity: 5%-90% non-condensing

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/TP-EAP100-BRIDGE-KIT-TP-Link-EAP100-Bridge-kit-Omada-Buy-p-330971.php>

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Product Specification Sheet

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