EAP211-Bridge KIT

Wireless Bridge 5 GHz 867 Mbps Indoor/Outdoor Access Point

- 802.11ac for up to 867 Mbps on the 5 GHz wireless data rate.[*1]
- Ideal for long-range wireless transmission **up to 1 km**.[*2]
- Auto-pairing and agile LEDs for efficient deployment.
- 3× Gigabit Ethernet ports for more high-speed IP camera connections.
- Supports Omada SDN for remote and centralized management.
- IP65 weatherproof enclosure and 6kV lightning protection ensure all-weather suitability.[*3]
- Supports Passive PoE for flexible deployment (adapter included).
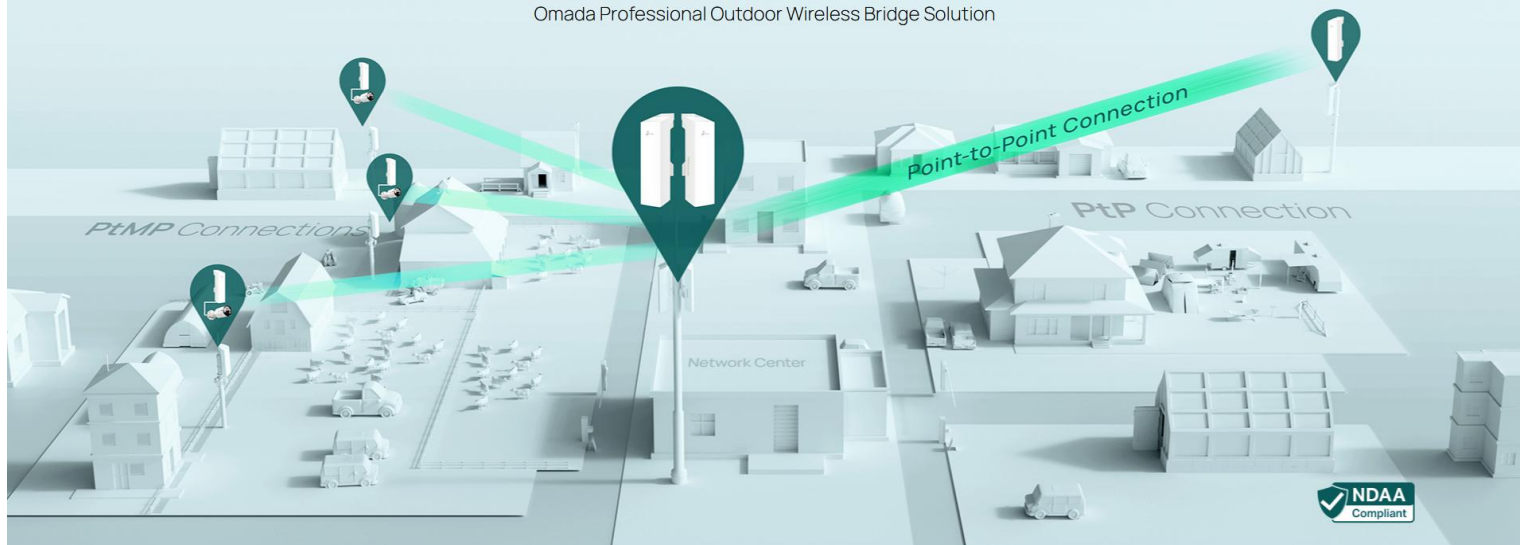
| Highlights | In the Box | Build Features | Specifications | Support |

Long-Distance PtMP & PtP Wi-Fi Transmission, Perfect for Multiple Scenarios

Omada Professional Outdoor Wireless Bridge Solution

Point-to-Point Connection

PtP Connection

PtMP Connections

Network Center

NDAA Compliant

Up to 0.62mi (1km) Distance

Ideal for setting up networks in remote locations.

Up to 70° Beamwidth for Wider Deployment

One central AP covers more distributed APs and cameras, eliminating the need for multiple central APs.

*EAP211-Bridge: 70° x 70° beamwidth; EAP215-Bridge & EAP115-Bridge: 35° x 35°

Three Ports for More Devices

Connect more cameras and devices without an extra switch.
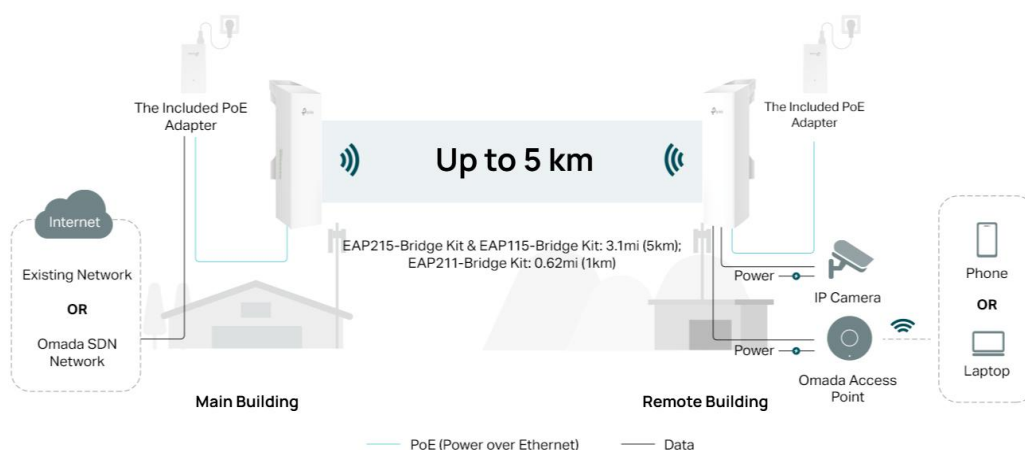
IP65 Weatherproof for Outdoor Use

Durable performance with IP65 rating and operating range of -40°F to 158°F (-40°C to 70°C).

Standalone or Omada SDN Mode

Flexible dual modes for batch deployment and remote management via the Omada app or Web UI.

Point-to-Point (PtP) Network Expansion or Remote Camera Monitoring

The Included PoE Adapter

Up to 5 km

EAP215-Bridge Kit & EAP115-Bridge Kit: 3.1mi (5km);
EAP211-Bridge Kit: 0.62mi (1km)

Internet

Existing Network

OR

Omada SDN Network

The Included PoE Adapter

Power

IP Camera

Power

Omada Access Point

Phone

OR

Laptop

Main Building

Remote Building

—— PoE (Power over Ethernet)   —— Data

Outdoor PtP (Point-to-Point) Wi-Fi Connection

Extend Wi-Fi to Additional Buildings

Extend your home network or Wi-Fi to your shop, barn, garage, farm, storehouse, guesthouse, or RV.

Extend Wi-Fi to Additional Offices

Provide 550Mbps bandwidth within a 328ft (100m) range using the EAP215-Bridge KIT or EAP211-Bridge KIT.*
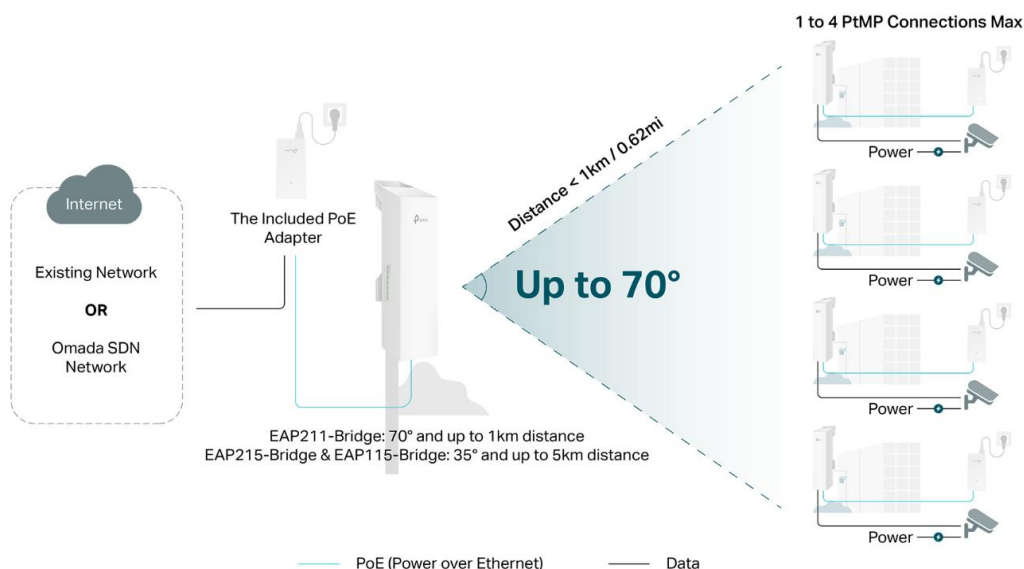
Elevator PtP Wi-Fi for Surveillance

Record real-time video to an NVR with virtually no hardwiring required

*Tested in an open area without obstacles on a sunny day. Actual range and throughput depend on the transmission power and environmental factors such as wireless interference, obstacles, weather, etc.

Point-to-Multipoint (PtMP) Connections with Higher Beamwidth for Distributed Cameras

1 to 4 PtMP Connections Max

Internet

Existing Network

OR

Omada SDN Network

The Included PoE Adapter

Distance ≤ 1km / 0.62mi

Up to 70°

Power

Power

Power

Power

EAP211-Bridge: 70° and up to 1km distance
EAP215-Bridge & EAP115-Bridge: 35° and up to 5km distance

—— PoE (Power over Ethernet)   —— Data

Outdoor PtMP (Point-to-Multipoint) Wi-Fi for Surveillance

Parking Lots
Remotely connect cameras to reduce crime and accidents

Farms / Orchards
Remotely connect cameras to protect your property

Construction Sites
Rapidly deploy wireless networks to remotely monitor construction progress in real time or manage logistics.

Easy Setup and Installation

Auto-Pairing

Auto-Pairing to Reduce Setup Time
*Auto pairing works for the original kit. Three or more bridges require manual setup.

Signal Strength LEDs
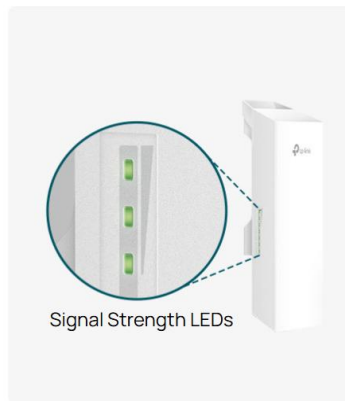
LED Signal Indicator for Easy Alignment

Pole/Wall Mount for Easy Installation
*Pole mounting accessories are included, while the bracket for wall mounting and pole mounting requires purchase separately.

Standalone Mode
### Simple Setup for Individual Scenarios

1. Power on both bridges and connect one to the network via cable to make it the main bridge.

Sub-bridge   Main Bridge

Auto-Pairing

LAN1(POE IN)   PoE   LAN

2. Set up the main bridge using the Omada App or Web UI, then configure the sub-bridge step by step.

3. Deploy the sub-bridge at the remote location, align it using the signal LED, and optimize with the app if needed.

Main Bridge   Sub-bridge
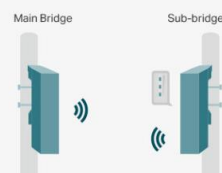
Works with Omada SDN
Faster Batch Deployment and Remote Management

Omada bridges integrate with Omada SDN for centralized management and remote access, enabling faster batch deployment of multiple bridge pairs, using batch provisioning.
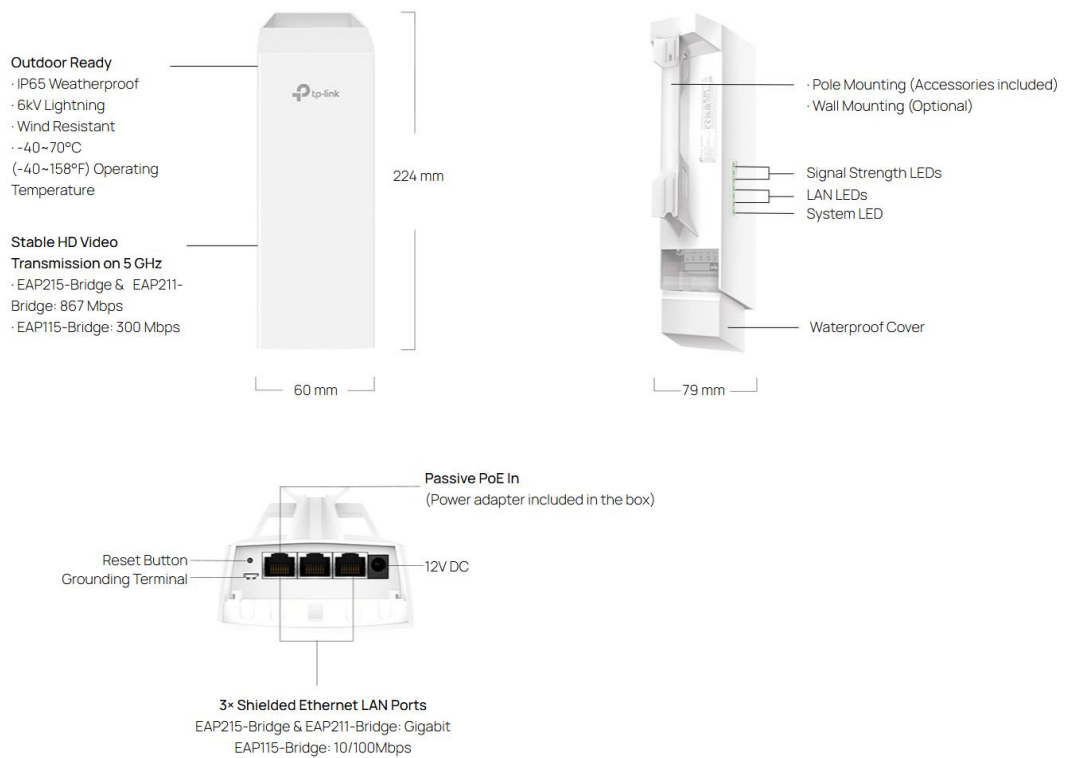

and more

Batch Provisioning

Centralized and Remote Management

Cloud
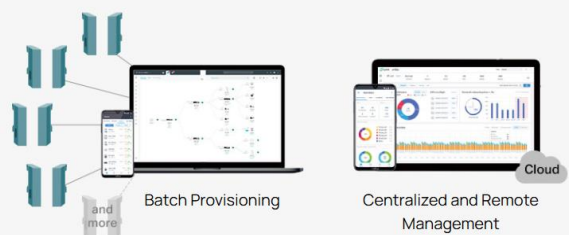
*Omada SDN centralized and remote management requires the use of Omada SDN controller.

Designed for Outdoors

IP65
Weatherproof

6kV Lightning
Protection

-40 °F-158 °F
Working Range

Wind
Resistance

Dedicated Hardware Design

Outdoor Ready
· IP65 Weatherproof
· 6kV Lightning
· Wind Resistant
· -40~70℃
(-40~158°F) Operating
Temperature

**Stable HD Video
Transmission on 5 GHz**
· EAP215-Bridge & EAP211-
Bridge: 867 Mbps
· EAP115-Bridge: 300 Mbps

224 mm

60 mm

· Pole Mounting (Accessories included)
· Wall Mounting (Optional)

Signal Strength LEDs
LAN LEDs
System LED

Waterproof Cover

79 mm

Passive PoE In
(Power adapter included in the box)

Reset Button
Grounding Terminal

12V DC

3× Shielded Ethernet LAN Ports
EAP215-Bridge & EAP211-Bridge: Gigabit
EAP115-Bridge: 10/100Mbps

Model	EAP215-Bridge KIT	EAP211-Bridge KIT	EAP115-Bridge KIT
Frequency	5 GHz		
Max Wireless Speed[1]	AC867 Mbps	AC867 Mbps	N300 Mbps
Max Transmission Distance[2]	3.1 mi / 5 km	0.62 mi / 1 km	3.1 mi / 5 km
Beamwidth (Vertical × Horizontal)	35°×35°	70°×70°	35°×35°
Antenna Gain	11.0 dBi	7.0 dBi	11.0 dBi
Ethernet Ports	3× Gigabit	3× Gigabit	3× 10/100 Mbps
Power Supply Method	12V DC / 24V Passive PoE (Passive PoE adapter included in the box)		
Mount	Pole Mounting (Accessories included) Wall Mounting (Optional)		
Weatherproof Enclosure	IP65		
Operating Temperature	-40℃~70℃ (-40℉~158℉)		
Lightning Protection	6 kV (the access point and the included power adapter)		
Wind Resistance	√		
Centralized Cloud Management	Omada App; Omada Cloud Web UI		
Standalone Management	Omada App; Local Management Web UI		

*Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. The max ranges of products are tested in real outdoor environments. Actual range and throughput are not guaranteed and will vary as a result of network conditions, and depend on the transmission power and environmental factors such as wireless interference, obstacles, weather, etc.