

## TP-Link 4895252503494

# TP-Link EAP113 Outdoor Access Point User Manual

Model: EAP113-OUTDOOR (4895252503494)

## 1. PRODUCT OVERVIEW

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The TP-Link EAP113 Outdoor Access Point is designed for outdoor Wi-Fi coverage, offering robust performance and durability. It functions as a WLAN repeater and supports 802.11ac wireless type, operating at 2.4 GHz. Its IP65 rating ensures protection against dust and water, making it suitable for various outdoor environments.



**Figure 1:** Front view of the TP-Link EAP113 Outdoor Access Point, showing its white casing and two external antennas.

Key features include:

- **Outdoor Durability:** IP65 weather-resistant enclosure for harsh outdoor conditions.
- **Flexible Connectivity:** Equipped with RJ45 and PoE (Power over Ethernet) ports for simplified installation.
- **High Performance:** Supports 802.11ac wireless standard for reliable 2.4 GHz Wi-Fi.
- **Wide Operating Temperature:** Functions effectively in temperatures ranging from -40 °C to 70 °C.

## 2. PACKAGE CONTENTS

Before installation, verify that all items are present in your package:

- TP-Link EAP113 Outdoor Access Point
- Mounting Kit
- Quick Installation Guide (not included in this manual, but typically provided)
- Power over Ethernet (PoE) Adapter (Note: Some packages may not include a PoE adapter, which must be purchased separately if needed.)

### 3. HARDWARE DESCRIPTION

Familiarize yourself with the physical components of the EAP113.



**Figure 2:** Bottom view of the EAP113, highlighting the Ethernet port and the recessed reset button.

- **Ethernet Port (RJ45):** Used for network connection and Power over Ethernet (PoE) input.
- **Reset Button:** A small, recessed button used to restore the device to factory default settings. To reset, press and hold the button for approximately 8 seconds while the device is powered on.
- **LED Indicator:** (Located on the side, visible in some images) Indicates device status, such as power, system activity, and network connection.
- **Mounting Brackets:** Integrated on the back for secure outdoor installation.



**Figure 3:** Side view of the EAP113, showing the integrated mounting brackets and product information labels.

## 4. SETUP AND INSTALLATION

The EAP113 is designed for outdoor deployment. Proper installation ensures optimal performance and longevity.

### 4.1 Mounting the Device

The device can be mounted on a pole or wall using the provided mounting kit.

1. **Choose a Location:** Select a location that provides optimal Wi-Fi coverage and is within range of your network infrastructure. Ensure the location is clear of obstructions.
2. **Secure Mounting:** Use the mounting straps or screws to firmly attach the EAP113 to a pole or wall. Refer

to the mounting kit instructions for detailed steps.



**Figure 4:** The EAP113 mounted on an outdoor pole, demonstrating a typical installation scenario.

## 4.2 Powering the Device

The EAP113 supports Power over Ethernet (PoE).

1. Connect an Ethernet cable from a PoE injector or PoE-enabled switch to the Ethernet port on the EAP113.
2. Ensure the PoE source provides adequate power (1 x PoE).

## 4.3 Initial Configuration

After physical installation and power-up, configure the access point via a web browser.

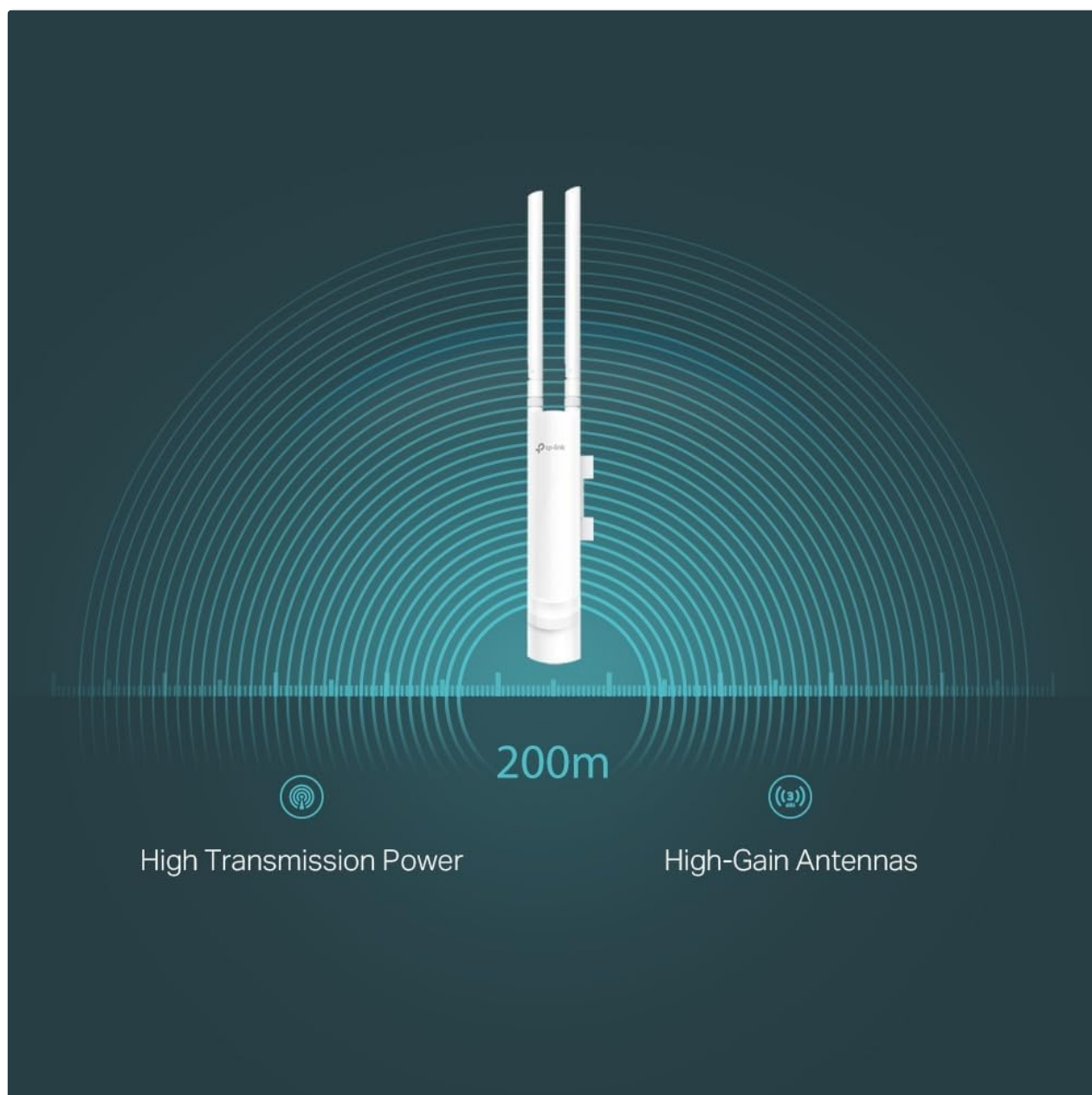
1. Connect your computer to the same network as the EAP113.
2. Open a web browser and enter the default IP address (refer to the Quick Installation Guide or TP-Link's official website for the default IP).
3. Log in using the default username and password.
4. Follow the on-screen wizard to set up your Wi-Fi network (SSID, password, security type).

## 5. OPERATING THE DEVICE

Once configured, the EAP113 will broadcast your Wi-Fi network. Clients can connect to it like any other wireless network.

### 5.1 Network Coverage

The EAP113 is designed for extended outdoor coverage, with high transmission power and high-gain antennas to achieve a range of approximately 200 meters.



**Figure 5:** An illustration depicting the EAP113's effective range of 200 meters, supported by its high transmission power and high-gain antennas.

### 5.2 Management Interface

Access the web-based management interface for advanced settings, monitoring, and firmware updates. This interface allows you to:

- Change Wi-Fi settings (SSID, password, security).
- Monitor connected clients and network traffic.
- Update firmware for improved performance and security.
- Configure advanced network settings (VLANs, QoS).

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your EAP113.

- **Physical Inspection:** Periodically check the device and its mounting for any signs of damage, loose connections, or wear.
- **Cleaning:** Gently wipe the exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Firmware Updates:** Regularly check the TP-Link official website for the latest firmware updates. Updating firmware can improve stability, add new features, and address security vulnerabilities.
- **Environmental Check:** Ensure the operating environment remains within the specified temperature and humidity ranges (-40 °C to 70 °C, 10% - 90% humidity).

## 7. TROUBLESHOOTING

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If you encounter issues with your EAP113, try the following troubleshooting steps:

- **No Power:**
  - Ensure the PoE injector or switch is powered on and functioning correctly.
  - Check the Ethernet cable connection between the PoE source and the EAP113.
- **No Wi-Fi Signal:**
  - Verify the EAP113 is powered on and its LED indicator is active.
  - Log into the management interface to ensure the Wi-Fi function is enabled and configured correctly.
  - Check for any physical obstructions that might be blocking the signal.
- **Cannot Access Management Interface:**
  - Ensure your computer is on the same network segment as the EAP113.
  - Verify the IP address of the EAP113. If unsure, try resetting the device to factory defaults (see Hardware Description).
  - Clear your browser's cache or try a different browser.
- **Poor Performance/Slow Speed:**
  - Check for potential interference from other wireless devices.
  - Ensure the device is mounted in an optimal location with minimal obstructions.
  - Update the firmware to the latest version.

- **Factory Reset:** If all else fails, perform a factory reset by pressing and holding the reset button for approximately 8 seconds while the device is powered on. This will revert all settings to their default values.

## 8. SPECIFICATIONS

Feature	Detail
Brand	TP-Link
Model Number	4895252503494 (EAP113-OUTDOOR)
Product Dimensions	21 x 5 x 4 cm
Weight	420 g
Connectivity	WLAN, RJ45, PoE
Wireless Type	802.11ac
Frequency	2.4 GHz
Max Speed	1 Gbit/s
IP Rating	IP65
Operating Temperature	-40 °C to 70 °C
Operating Humidity	10% - 90% non-condensing
Certifications	CE, FCC, RoHS
Country of Origin	Hongkong

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official TP-Link website or contact their customer service directly. Keep your purchase receipt for warranty claims.

**TP-Link Support:** <https://www.tp-link.com/support/>