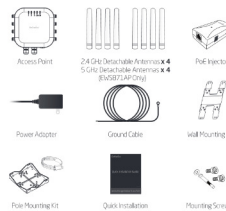


# Quick Installation Guide

EW5870AP/EW5871AP  
Version 1.0

Wireless Managed Outdoor Access Point

## Package Contents



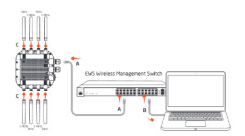
## Minimum Requirements

- Broadband Internet Service (cable, DSL, Fiber)
- Internet Browser (Internet Explorer, Safari, Firefox, Chrome, Edge)

## 1 Connecting the Access Point

(Through EnGenius Management Switch)

- Connect one end of the Ethernet Cable into the **main LAN port** (PoE) of the Managed Access Point and the other end to the **Ethernet Port** on the Wireless Management Switch.
- Connect another Ethernet Cable to an Ethernet Port on the front panel of the EnGenius Wireless Management Switch and the other end to the Ethernet Port on the computer.
- Screw on the provided antennas to the device as shown in the illustration below (EW5871AP only).



**Note:** The Access Point supports both IEEE 802.3at PoE (Power over Ethernet) and the included PoE injector. You may use either one as the power source. **DO NOT use both at the same time.**

## 2 IP Address Configuration

- Once your computer is on ensure that your TCP/IP is set to **On or Enabled**. Open Network Connections and then click **Local Area Connection**. Select **Internet Protocol Version 4 (TCP/IPv4)**.
- If your computer is already on a network, ensure that you have set it to a Static IP Address on the interface. (Example: 192.168.0.88 and the Subnet Mask address is 255.255.255.0)



## 3 Management Switch Setup

- Open a web browser on your computer. In the address bar of the web browser, enter **192.168.0.239** and enter.
- A login screen will appear. By default, username is **admin** and the password is **password**. Enter the current username and password of the Wireless Management Switch and then click **Login**.
- The EnGenius Wireless Management Switch User Interface will appear. Make sure the **Controller State** is set to **Enabled**.



## 4 Adding Managed AP

(Through EnGenius Wireless Management Switch GUI)

- Managed AP(s) connected to the same network as the Wireless Management Switch will appear on the right side of the screen under the **AP(s) Detected** list. Locate and select the Managed AP(s) by checking the box and click **Add** to manage the device.
- You may configure your Managed AP(s) after you have successfully connected to the Wireless Management Switch through its **GUI**.

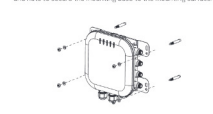


## 5 Configuring Managed AP

(Through EnGenius Wireless Management Switch GUI)

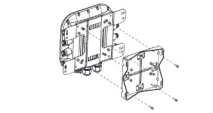
- Configure Managed AP(s) to view the GUI interface from the switch for WLAN settings under **Device Management**. Click the "Device Name" in order to configure your Managed AP.
- Add Managed AP(s) to specific **AP Cluster** to save repetitive configuration tasks.
- Upon successful connection and setup, user can go through different sections on the web management page to unleash Managed AP's full features for your WLAN deployment and performance monitoring.

- Attach the device onto the wall by tightening the bolts, flat washers and nuts to secure the mounting base to the mounting surface.



## Pole Mounting The AP

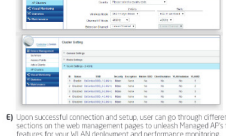
- Drive the four round head screws to attach the Pole Mount Bracket to the Wall mount bracket.



## 1 Connecting the Access Point

(Through EnGenius Management Switch)

- Connect one end of the Ethernet cable into the **main LAN port** (PoE) of the Access Point and the other end to the **AP Ethernet port** on the PoE injector.
- Connect the **Power Adapter** to the **DC-IN** port of the PoE injector and plug the other end to an electrical outlet.
- Connect the second Ethernet cable into the **LAN** part of the PoE injector and the other end to the Ethernet port on the computer.
- Screw on the provided antennas to the device as shown in the illustration below (EW5871AP only).



**Note:** The Access Point supports both IEEE 802.3at PoE (Power over Ethernet) and the included power injector. You may use either one as the power source. **DO NOT use both at the same time.**

## 2 IP Address Configuration

- Once your computer is on ensure that your TCP/IP is set to **On or Enabled**. Open Network Connections and then click **Local Area Connection**. Select **Internet Protocol Version 4 (TCP/IPv4)**.
- If your computer is already on a network, ensure that you have set it to a Static IP Address on the interface. (Example: 192.168.1.10 and the Subnet Mask address is 255.255.255.0)



## Stand-alone Access Point Installation

### 1 Connecting the Access Point

- Once your computer is on ensure that your TCP/IP is set to **On or Enabled**. Open Network Connections and then click **Local Area Connection**. Select **Internet Protocol Version 4 (TCP/IPv4)**.
- If your computer is already on a network, ensure that you have set it to a Static IP Address on the interface. (Example: 192.168.1.10 and the Subnet Mask address is 255.255.255.0)



### 3 Access Point Setup

- Open a web browser on your computer. In the address bar of the web browser, enter **192.168.1.1** and enter.
- A login screen will appear. By default, the user name is **admin** and the password is **admin**. Enter the current username and password of the Access Point and then click **Login**.
- The EnGenius Access Point User Interface will appear. This device can operate in Access Point operating mode.



## Technical Support

Country of Purchase	Service Center	Service Information
North America	Canada	en@engenius.com Tel: +1 (888) 882-2288 Fax: +1 (303) 436-8838
	Los Angeles, USA	en@engenius.com Tel: +1 (310) 338-2288 Fax: +1 (310) 436-8838
Central & South America	Miami, USA	en@engenius.com Tel: +1 (305) 338-2288 Fax: +1 (305) 436-8838
		en@engenius.com Tel: +1 (305) 338-2288 Fax: +1 (305) 436-8838
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Others	Taiwan, R.O.C.	en@engenius.com

## Notes

Maximum data rates are based on IEEE 802.11n, wireless IEEE 802.11 standards. Actual throughput and range may vary depending on many factors including environmental conditions, channel congestion, interference, radio frequency, and other devices in the network. Features and specifications subject to change without notice. This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) the device may not cause harmful interference, and (2) the device must accept any interference, including interference that may cause undesired operation. Trademarks and registered trademarks are the property of their respective owners. For United States and American companies: copyright © EnGenius Technology, Inc. All rights reserved.

