EnGenius

Quick Installation Guide

EWS310AP | EWS320AP | EWS360AP
version 1.0

Dual Band Wireless Managed Indoor Access Point

Package Contents

Managed Indoor Access Point

Power Adapter

RJ-45 Ethernet Cable

Mounting Bracket

Mounting Kit

T-Rail Mounting Kit

Minimum Requirements

- Broadband Internet Service
  (Cable or DSL Modem)
- Internet Browser
  (Internet Explorer, Safari, Firefox, Chrome)
- EnGenius Wireless Management L2 Switch
  (To use with EWS Series Management Switches)

Managed Access Point Installation with Wireless Management Switch

1 Connecting the Access Point
(Through EnGenius Wireless Management Switch)

A) Connect one end of the **Ethernet Cable** into an **Ethernet Port** on the front panel of the EnGenius Wireless Management Switch and the other end to the Ethernet Port on the computer.

B) Connect another **Ethernet Cable** into the **LAN Port** of the Managed AP and the other end to the **Ethernet Port** on the Wireless Management Switch. With the Wireless Management Switches, the Managed AP is able to obtain proper assigned IP address for further configurations.

PoE Wireless Management Switch

2 IP Address Configuration

A) 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)**.

B) 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 as 255.255.255.0.)

3 Management Switch Setup

A) Open a web browser on your computer. In the address bar of the web browser, enter **192.168.0.239** and **enter**.

B) 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**.

* Your model number may be different in the web browser interface.

C) The EnGenius Wireless Management Switch User Interface will appear. Make sure the **Controller State** is set to **Enabled**.

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4 Adding Managed AP
(Through EnGenius Wireless Management Switch GUI)

A) All Managed AP(s) connected to the same network as the Wireless Management Switch will appear on the right side of the screen, under the Access Point **Under Approval** list. Locate and select the Managed AP by checking the box and click **Allow** to manage the device.

B) You may configure your Managed AP(s) after you successfully connected to the Wireless Management Switch through its **GUI**.
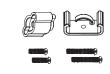
5 Configuring Managed AP
(Through EnGenius Wireless Management Switch GUI)

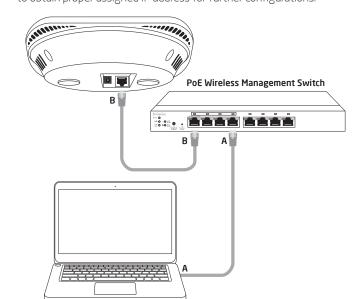A) Configure Managed AP(s) through the GUI interface from the switch for WLAN settings under **Device Management**.

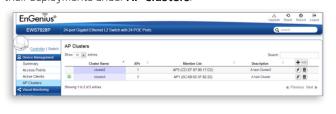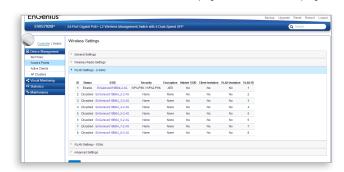B) Add Managed AP(s) to specific **AP Cluster** to save repetitive configuration tasks.

C) Users may create several clusters simultaneously to accommodate their deployments under **AP Clusters**.
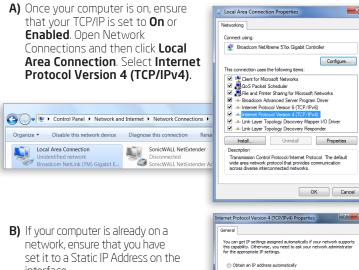
D) For distinct settings, EnGenius Wireless Management switches still offer individual Managed Access Point customization for cluster members such as different channels that best adapt your local WLAN deployments.

E) Upon successful connection and setup, user can go through different sections on the web management pages to unleash Managed AP's full features for your WLAN deployment and performance monitoring.

Mounting the Access Point
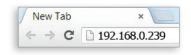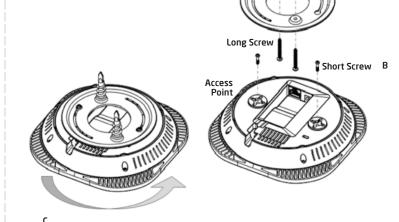
The AP can be ceiling mounted or wall mounted depending on the setup.

To attach the AP to a ceiling or wall using the mounting bracket:

A) Attach the mounting bracket to the wall or ceiling using the provided mounting kit.

B) Insert the provided short screws into the mounting holes. Make sure there's enough space between the screws and unit for the mounting bracket. If extra space is required, use the provided spacers and long screws from the T-Rail mounting kit.

C) Mount the AP to the mounting bracket by rotating the unit clockwise about 90 degrees to secure it in place.

Wall or Ceiling

Mounting Screw

Mounting Bracket

Long Screw

Short Screw

Access Point

To attach the AP to a ceiling using T-Rail connectors:

A) Attach the T-rail connectors to the bottom cover of the AP using the provided short screws. Use appropriate size T-rail connectors (15/16" or 9/16"). If extra space is required to accommodate drop ceiling tiles, use the provided spacers and long screws.

T-Rail Connector

Spacer

T-Rail Connector

T-Rail

B) Line up the connected T-rail connectors with an appropriately sized rail and press the unit onto the rail until it snaps into place.
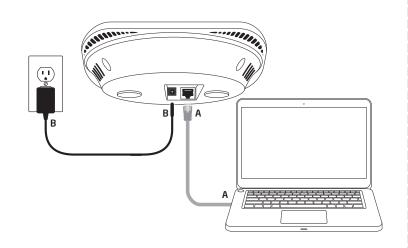
Note: To protect your Access Point, use the Kensington security slot to attach a cable lock (cable lock is not included).

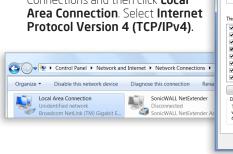# Stand-alone Access Point Installation

1 Connecting the Access Point

A) Connect one end of the **Ethernet cable** into the **LAN port** of the Access Point and the other end to the **Ethernet port** on the computer.

B) Connect the **Power Adapter** to the **DC-IN port** of the Access Point and plug the other end in to an electrical outlet.

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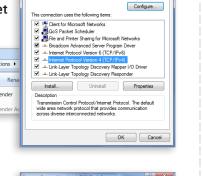
2 IP Address Configuration

A) 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)**.

B) 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 as 255.255.255.0.)

3 Access Point Setup

A) Open a web browser on your computer. In the address bar of the web browser, enter **192.168.1.1** and **enter**.

B) A login screen will appear. By default, the username of the Access Point is **admin** and the password is **admin**. Enter the current username and password of the Access Point and then click **Login**.

C) The EnGenius Access Point User Interface will appear. This device can operate in the following modes: Access Point, WDS AP and WDS Bridge. Switch modes by selecting the **Operation Mode** under **"Network"**, **"Wireless"** tab.

* Your model number may be different in the web browser interface.

Technical Support

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Notes

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