EnGenius

Quick Installation Guide

EWS370AP | EWS371AP
version 1.0

Dual Band Wireless Managed Indoor Access Point

Package Contents

Managed Indoor Access Point

Power Adapter

RJ-45 Ethernet Cable

Ceiling Mount Base (9/16" T-Rail)

Ceiling Mount Base (15/16" T-Rail)

Mounting Kit

2.4 GHz Detachable Antenna x 4 (EWS371AP only)

5 GHz Detachable Antenna x 4 (EWS371AP only)
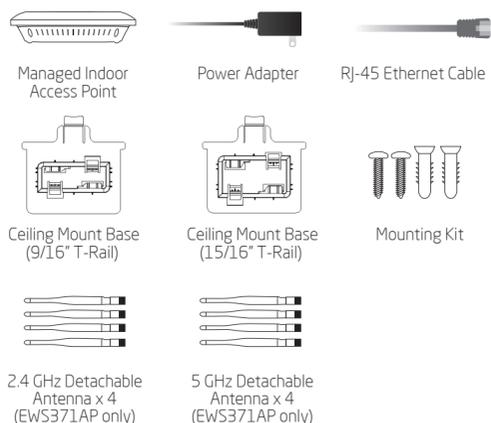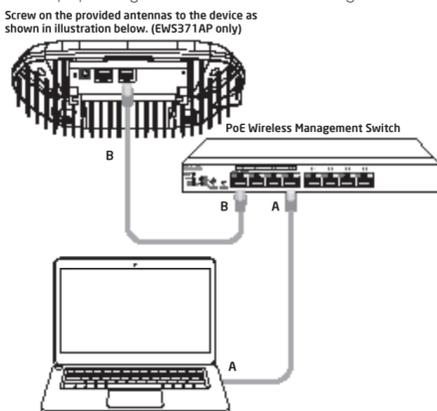
Minimum Requirements

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

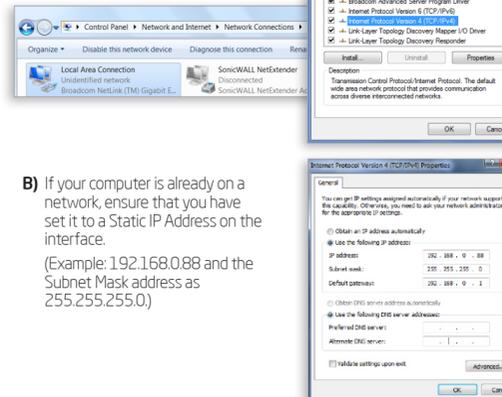# Managed Access Point Installation with Wireless Management Switch

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.

Screw on the provided antennas to the device as shown in illustration below. (EWS371AP only)

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: 192.168.0.88 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**.

192.168.0.239

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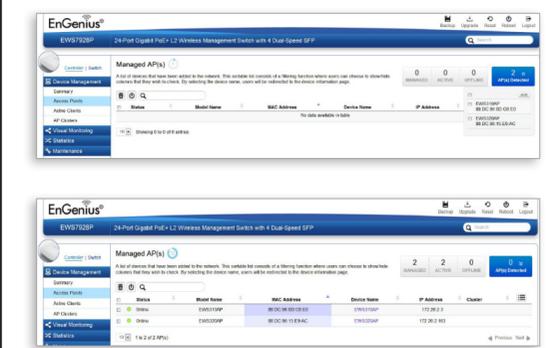
*Your model number may be different in the web browser interface.

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
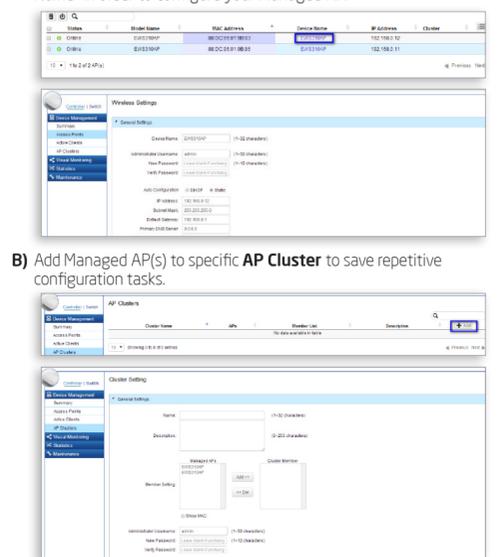(Through EnGenius Wireless Management Switch GUI)

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 **AP(s) Detected** list. Locate and select the Managed AP by checking the box and click **Add** to manage the device.

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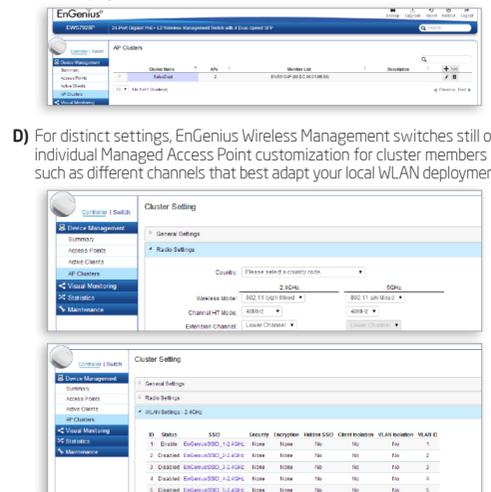
5 Configuring Managed AP
(Through EnGenius Wireless Management Switch GUI)

A) Configure Managed AP(s) through the GUI interface from the switch for WLAN settings under **Device Management**. Click the "Device Name" in order to configure your Managed AP..

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

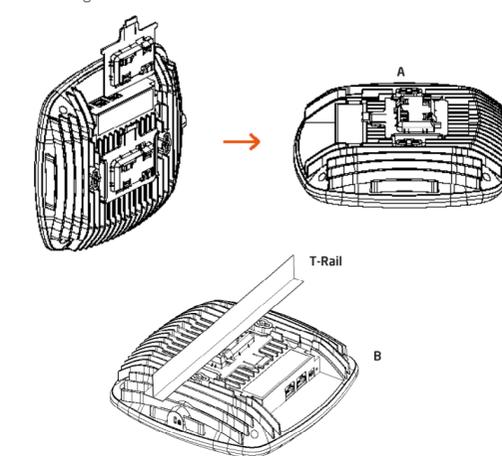C) Users may create several clusters simultaneously to accommodate their deployments under **AP Clusters**.

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

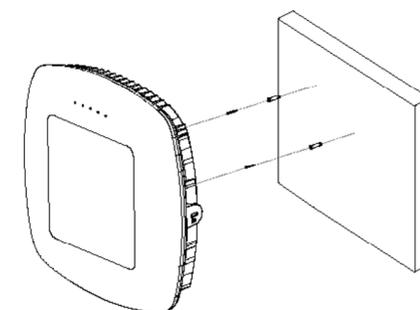**Ceiling Mounting the Access Point**

A) Slide the ceiling mount base into the slot of the Access Point.

B) Hold the Access Point with one hand to reach the other hand over the T-Rail sides of the bracket. Then hook the stationary end of the ceiling mount bracket onto the T-Rail.

T-Rail

Note: To protect your Access Point, please use Kensington security slot to a cable lock (cable lock is not included).

Wall Mounting the Access Point

A) Determine where the Access Point to be placed and mark location on the surface for the two mounting holes. Use the appropriate drill bit to drill two 8.1mm diagram and 26mm depth holes in the markings and hammer the bolts into the openings.

B) Screw the anchors into the holes until they are flush with the wall.

C) Screw the included screws into the anchors.

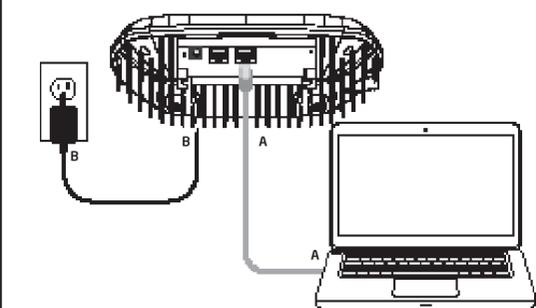D) Place the Access Point against wall with the mounting screw heads fitting throughout the slots of the Access Point.

Stand-alone Access Point Installation
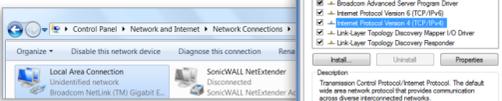
1 Connecting the Access Point

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 into 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.**
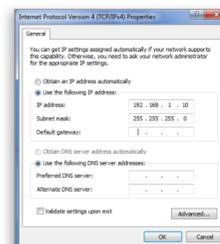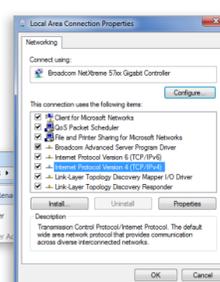
2 IP Address Configuration

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)**.
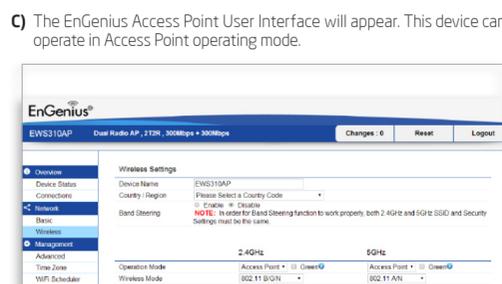
B) If your computer is already on a network, ensure that you have set it to a Static IP Address on the interface.
(Example: 192.168.1.10 and the Subnet Mask address as 255.255.255.0.)

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**.

192.168.1.1

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 Access Point operating mode.

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

Technical Support

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