

Quick Installation Guide



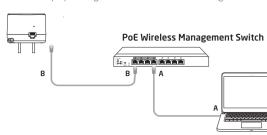
Wireless Managed Indoor Access Point

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 a proper assigned IP address for further configurations.



Package Contents





Quick Installation Guide





RJ-45 Ethernet Cable



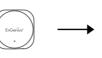
Screw Pack

Minimum Requirements

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

Three Types Of Installation For Different Operation

A) Wireless Mesh AP Installation with EMR Series Routers





B) Managed Access Point Installation with Wireless Management Switch



C) Stand-alone Access Point Installation





Note: EMD1 will be shown "EnGenius + SN last 6 digits" in EnMesh easy setup page.

Wireless Mesh AP Installation with EMR

Series Routers

A) Search for "EnMesh by EnGenus" on App Store or Google Play

C) Add EMD1 via "Wizard" or "Device Page" in EnMesh App

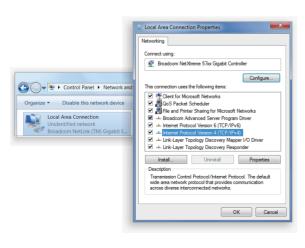
M EnMesh™

App Store

B) Download the EnMesh APP to set up the EnGenius Mesh Router

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.



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 mode 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**.

EnGenius®		Backup Upgrade Reset Reboot Logout
EMD1	24-Port Gigabit PoE+L2 Wireless Management Switch with 4 Dual-Speed SFP	Q Search
Controller Switch	Summary	0 0 0
Device Management	Controller State	MANAGED ACTIVE OFFLINE
Summary	⊕ Enabled Disabled Apply	
Access Points	- California California (California California Californ	
Active Clients		
AP Clusters	System Information	
Visual Monitoring	Controller Version: 0.21.0	
Statistics	Controller Version: 0.21.0	

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

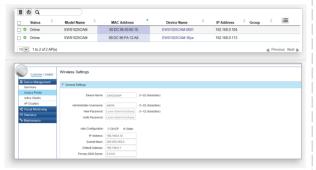


B) You may configure your Managed AP(s) after you successfully connect to the Wireless Management Switch through its **GUI**.

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 a specific **AP Group** to save repetitive configuration tasks.



their deployments under AP Groups.

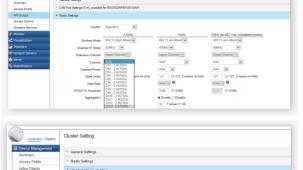
EMD1	24-Port Gigsbit PoE+L2 Wireless Management Switch with 4 Dual-Speed SFP					Q Search			
					_				
	AP Groups								
Controller Switch									
Device Management							Q	_	
Summary	Group Name	* APs		Member List		Description		+ Add	
Access Points				No data available in table					
	10 Showing 0 to 0 of 0 entries							Previous Next)	
AP Groups							•		
AP Groups Access Control									

New Tab

EnGenius

⊢ → C 192.168.1.1

D) For distinct settings, EnGenius Wireless Management switches still offe 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 review sections of the web management pages and unleash more features for WLAN deployment and performance monitoring.

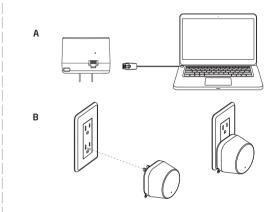
5 Disabled EnGeniusSSID 5-24GHz None None No No No No 5

Stand-alone Access Point Installation

Connecting the Access Point

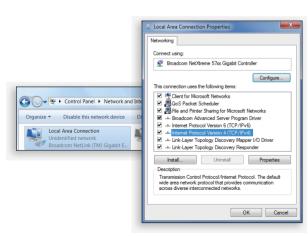
A) Connect one end of the Ethernet cable into the Ethernet port of the Access Point and the other end to the **Ethernet port** on the computer.

B) Plug in the EMD1 to an electrical outlet and wait the LED flash blue.



2 IP Address Configuration

A) Once your computer is on ensure that your TCP/IP is set to **On** or **Enabled**. Open Network Connectons and then click Local Area Connecton. Select Internet Protocol Version 4 (TCP/IPv4).



B) If your PC is already on 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.



C) The EnGenius Access Point User Interface will appear. This device can operate in Access Point operating mode.

24-Port Ggabit PtD-12 Windows Management Switch with 4 Dust-Ripsed SPP		Changes: 0	Reset	Logou
Wireless Settings				
Device Name	EWS310AP			
Country / Region	Please Select a Country Code			
Band Steering		work properly, both 2.4GH	z and 5GHz SSID a	and Security
	Settings must be the same.			
	2.4GHz	5GHz		
Counting Made	Annua Point a G. Connell	A Dr		
Wreless Mode	802.11 B/G/N •	802.11 At		
	Wireless Settings Device Name Country / Region	Wireless Settings Device Name EWS310AP County Region Please Set of County Code Out 19 Region Band Stream WITE: In order to flast Stream County Code Softings must be fault Stream County 2 4 GHz Operation Mode Across Point • Green®	Wireless Settings Device Name CNXS10AP County Preligion Please Gelea County Code Band Stream Settings Wireless Settings County Preligion Please Gelea County Code Softings must be the same Secting function to weak properly, both 2.4GHz Settings must be the same 2.4GHz Coperation Mode Access Poert • Ill Green® Access Poert	Wireless Settings Description Please Settings Please Set

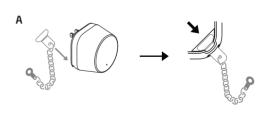
* Your model number may be different in the web browser interface.

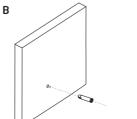
Access Point Anti-Theft Protection

A) Use security chain to through the security hole of EMD1.

4 Dissilled EnCentroSSID 4-24CM2 None None

B) Use screw to through the iron hole of security chain and fasten the





Technical Support

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EnGenius

Maximum data rates are based on the IEEE standards. Actual ehroughput and range may vary depending on may factors including environment conditions, distance between devices, radio interference in the operating environment, and mix of devices in the network. Feature and specification subject to change without notice. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two condition: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Trademark and registered trademarks are the property of their respective owners. For United States of America: Copyright © 2018 EnGenius Technologies, Inc. All rights reserved.