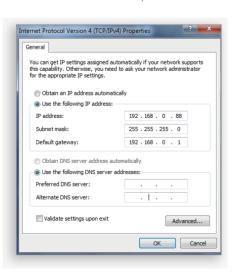


## Quick Installation Guide

### Ceiling Mount Design

### 11AX Wireless Managed Indoor Access Point

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.)



## **Package Contents**



Ouick Installation Guide



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



(15/16" T-Rail)

## **Minimum Requirements**

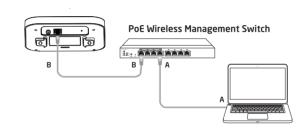
- Broadband Internet Service (Cable or DSL Modem)
- Internet Browser
- (Internet Explorer, Safari, Firefox, Chrome, Edge)
- EnGenius Wireless Management L2 Switch (To use with EWS Series Management Switches)

#### Managed Access Point Installation with Wireless Management Switch

### Connecting the Access Point

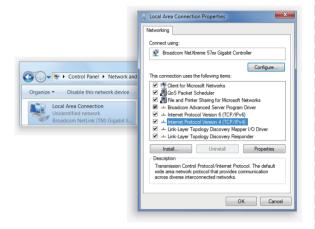
(Through EnGenius Wireless Management Switch)

- 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.



# **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).



## **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.



### 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.

EnGenius®							
EWS5912FP	8-Port Gigabit PoE+L2	Wireless Manage	ment Switch with 2 Gigabit	Ports and 2 Dual-Speed 8	SFP	Q 80	arch
3	Managed AP(s)						
Controller   Switch	A list of devices that have been	added to the network	This sortable list consists of a filter	ring function where users can	0 0	0	
Device Management	choose to showhide columns: device information page.	that they wish to check	. By selecting the device name, use	ers will be redirected to the	MANAGED ACTI	E OFFLINE	AP
Summary Access Points	8 0 Q						
AP Groups							1025CAM
Arross Cortrol	Status	Model Name	MAC Address	Device Name	P Address		1025CAM
Wireless Services			Ny usa	a available in lable		88.0	C96FA1
d' Monitor	10 Showing 0 to 0 of 0	entries					g 1700
EnGenius® EWS5912FP		Wireless Manage	ment Switch with 2 Gigsbit	Ports and 2 Dual-Speed	Back		
EWS5912FP	Managed AP(s)	n added to the networ	k. This sortable list consists of a filt	aring function where users can	Back	Q S	Beset R
EWS5912FP	Managed AP(s)	n added to the networ		aring function where users can	SFP 2 2	Q S	Beset R
EWS5912FP  Controller   Switch	Managed AP(s) (1)  A list of devices that have been choose to show hide columns	n added to the networ	k. This sortable list consists of a filt	aring function where users can	SFP 2 2	Q S	Beset R
Controller   Switch	Managed AP(s)  A list of devices that have bee choose to showhide columns device information page.	n added to the networ	k. This sortable list consists of a filt	aring function where users can	SFP 2 2	Q S	Beset R
Controller   Switch  Controller   Switch  Device Management Summary Access Points AF Groups Access Control	Managed AP(s)  A list of devices that have be choose to showhide columns device information page.  B O Q	n added to the networ that they wish to chec	k. This sortable list consists of a fifth k. By selecting the device name, us	seing function where users can sees will be redrected to the	SFP 2 4 MANAGED ACT	Q S  Q S  ONE OFFLINE	beset R
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Controller   Switch  Controller   Switch  Device Management  Summary  Access Control  Windess Services  Wonder  Wonder  Vousilization	Managed AP(s)  A list of devices that have be chose to showhite column device reformation page.  B	n added to the nativor flad they wish to check Model Name	k. This sortable list consists of a filt. b. By selecting the device mans, us  MAC Address  88.00.96.50.60.10	aring function where users can sens will be redirected to the Device Name EWSTIDSCAM-0001	Backs SFP  2 2 MANAGED ACI  D Address 192.168.0.1	Q S  Q S  ONE OFFLINE	earch
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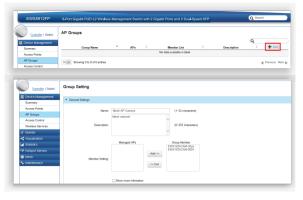
B) You may configure your Managed AP(s) after you successfully connect to the Wireless Management Switch through its GUI.

#### **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..

	Status	φ	Model Name	MAC Address	•	Device Name	φ	IP Address	Ŷ	Group	0	$\equiv$
	Online		EWS1025CAM	88.DC.96:50.60:1	D	EWS1025CAM-0001		192.168.0.104				
	Online		EWS1025CAM	88:DC:96:FA:12:A	8	EWS1025CAM-30ye		192.168.0.113				
10[~	1 to 2 of 2	AP(s)									♠ Previ	ious Next
7	Controller   S		Wireless Settings									
	rice Managem		4 General Settings									
	ive Clients		Device Name	EWS330AP	(1-32 ch	aracters)						
	Clusters		Administrator Usemame	admin	(1-32 ch	aracters)						
	ual Monitoring		New Password	Leave blank if unchang	(1-12 ch	aracters)						
	itistics intenance		Verify Password	Leave blank if unchang								
			Auto Configuration	O DHCP # State								
			IP Address	192.160.0.12								
			Subnet Mask	255.255.255.0								
			Default Galeway	192.168.0.1								
				0.000								

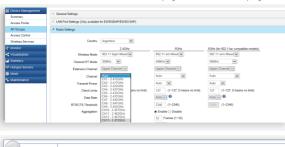
**B)** Add Managed AP(s) to a specific **AP Group** to save repetitive configuration tasks.

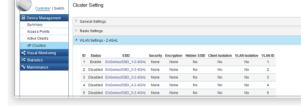


**C)** Users may create several groups simultaneously to accommodate their deployments under **AP Groups**.



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 review sections of the web management pages and unleash more features for WLAN deployment and performance monitoring.

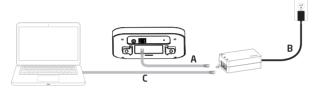
#### Stand-alone Access Point Installation

## Connecting the Access Point

- A) Connect one end of an **Ethernet cable** into the **LAN (PoE) port** of this Access Point and the other end to a **PoE Adapter**.
- B) Connect a Power cord with the PoE Adapter and plug the other end into an electrical outlet.
- **C)** Connect the second **Ethernet cable** into the **LAN port** of this PoE Adapter and the other end to the **Ethernet port** on the computer.

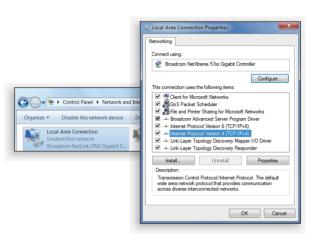
**Note1:** The Access Point can be powered by 802.3af/at PoE (Power over Ethernet). You can consider to adopt EnGenius EPA5006GP or EPA5006GAT for powering up your 11AX device.

**Note2:** EWS357AP can be driven by IEEE 802.3af. EWS377AP and EWS390AP should be driven by IEEE802.3at.

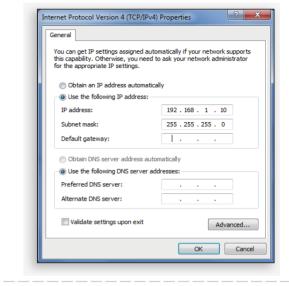


# 2 IP Address Configuration

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.
- **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.

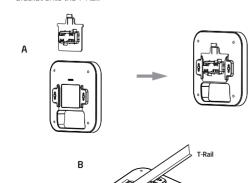
EWS330AP Dual F	Radio AP , 2T2R , 400Mb	ps + 867Mbps			Changes: 0	Resi	et	Lo
Overview	Wireless Settings							
Device Status	Device Name	EWS330AP						
Connections	Country / Region	Please Sele	t a Country Code	*				
✓ Network Basic	Band Steering	O Enable 6 NOTE: In or Settings must	der for Band Steering fun	tion to work	properly, both 2.4GF	tz and 5GH	iz SSID and Se	ecur
Wireless								
Management								
Advanced			2.4GHz		5GHz			
Time Zone	Operation Mode		Access Point • 🗏 G	reen	Access P	eint • Inio	Green®	
WiFi Scheduler	Wireless Mode		802.11 B/G/N •		802.11 A	N +		
					40 MHz +			

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

# 4 Mounting the Access Point Ceiling Mounting the Access Point:

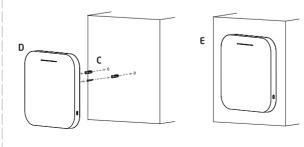
A) Slide the ceiling mount base into the slot of the Access Point.

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.



#### Wall Mounting the Access Point

- C) Continued from 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.
- D) Screw the anchors unto the holes until they are flush with the wall; screw the included screws into the anchors.
- **E)** Place the Access Point against wall with the mounting screw heads.



### **Technical Support**

     `	Country of Purchase	Service Center	Service Information
	North America www.engeniuscanada.com	Canada	rma@engeniuscanada.com Toll Free: 888 397 2788 Local: (+1) 905 940 8181
	www.engeniustech.com	Los Angeles, USA	support@engeniustech.com Toll Free: 885 735 7888 Local: (+1) 714 432 8668
 	Europe www.engeniusnetworks.eu	Netherlands	support@engeniusnetworks.eu Local: (+31) 40 8200 887
	Africa / Middle East www.engenius-me.com	Dubai, UAE	support@engenius-me.com Local: (+971) 4 357 5599
	Asia / Oceania www.engeniustech.com.sg	Singapore	techsupport@engeniustech.com.sg Local: (+65) 6227 1088
	Taiwan www.engeniustech.com.tw	Taiwan, R.O.C.	twsupport@engeniusnetworks.com Toll Free: 0800 003 885 Local(+886) 2 2652 1808

### Notes



Maximum data rates are based on the IEEE standards. Actual throughput and range may vary depending on many factors including environmental conditions, distance between devices, radio interference in the operating environment, and mix of 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) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Trademarks and registered trademarks are the property of their respective owners. For United States of America: Copyright ©2019EnGenius Technologies, Inc. All rights reserved.



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