

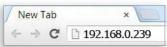
# Quick Installation Guide

EAP2200

Tri-Band Wireless Indoor Access Point

# **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**.



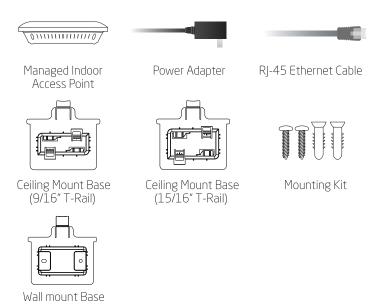
\* Your model number may

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**.



#### **Package Contents**



#### **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)

# 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.





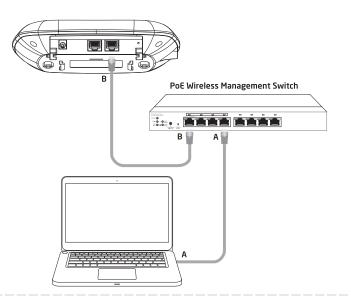
B) You may configure your Managed AP(s) after you successfully connect to the Wireless Management Switch through its GUI

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

# 1 Connecting the Access Point

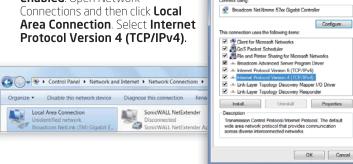
(Through EnGenius Wireless Management Switch)

- 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.



## **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.

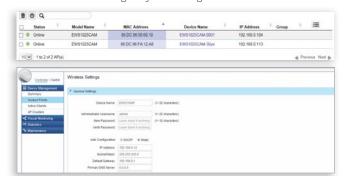
(Example: 192.168.0.88 and the Subnet Mask address as 255.255.255.0.)

ieneral	
	utomatically if your network suppor d to ask your network administrato
Obtain an IP address automa	tically
<ul> <li>Use the following IP address:</li> </ul>	
IP address:	192 . 168 . 0 . 88
Subnet mask:	255 . 255 . 255 . 0
Default gateway:	192 . 168 . 0 . 1
Obtain DNS server address as	utomatically
<ul> <li>Use the following DNS server</li> </ul>	addresses:
Preferred DNS server:	
Alternate DNS server:	.1
Validate settings upon exit	Advanced.

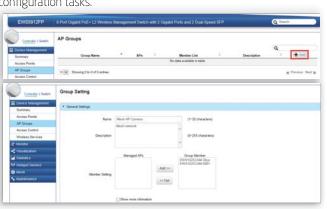
# **5** Configuring Managed AP

(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.



**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 group members such as different channels that best adapt your local WLAN deployments.

Summary	F. General Settings	General Settings							
Access Points	F LAN Port Settings (Only available	LAN Port Settings (Only available for EWSSODAP/EWSS1DAP)							
AP Groups	* Radio Settinos								
Access Control									
Wireless Services	Country	Argentina 🐷							
Montor		2.40Hz			SORE	60%	for 802 TTac compat	(bie models)	
Venetzene	Weeless Mode	802.11 bigh Mord 😺		002.11 at	Mand [4]		Lach Mont(v)		
Statutes	Channel HT Mode	20MHz 🔛		ADMINE W		ADM	tr 💌		
Hotspot Service	Estension Channel:	Upper Charms (*)		Upper Chemnal (*)		Mayor	Opper Channel (V)		
Mesh	Chavel	Att		Auto	V	Auto	V		
Mantenance	Transmit Power	CH1 - 2,412GHz CH2 - 2,417GHz		Auto S	e e	Auto	(V)		
	Clart Limits	Chi - 2.427GHz	na no limiti		1-127. 0 means n	o level) 127	(1-127, 0 means	no Smith	
	Data Suter	CH6 - 2.432GHz CH6 - 2.437GHz		Amivi	0		0 0		
	RTS/CTS Threshold	CNT - 2 442GHz CNB - 2 447GHz		2546 6			(1-2340)		
	Aggregation	CNR - 2 452GHz CNR - 2 452GHz		· Englis					
	- April -	CH11 - 2.462GHz CH12 - 2.467GHz CM13 - 2.472GHz	112 - 2.467OHz	32 Fran					
Controller   S	und .								
Controller   S B Device Managem Summary	belich								
E Device Managem	Switch								
B Device Managem Summary	F General Settings  F Radio Settings	Takir							
Device Managerr Summary Access Points	Selfch  General Settings	₽¢							
E Device Managers Summary Access Points Adive Clients									
Summary Access Points Adive Clients AP Gusters		SSID	WINDSTON FOR				VLAN isolation	VLANID	
E Device Managem Summary Acces s Points Active Clients AP Cliesters	betch  General Settings  Radio Settings  WLANI Settings - 2.4  BO Status  1 Enable EnG	\$580 lenius(ISID_1-2.4GHz	None	None	No	No	140	- 1	
S Device Managerr Summary Access Points Adive Clients AP Cliesters Visual Montoning	Delto:  General Settings  Radio Settings  SULAN Settings - 2.41  SULAN Settings - 2.41	\$\$10 lenius000_1-2.4GHz lenius000_2-2.4GHz	None None	None None	No No	No No	No No	2	
S Device Managerr Summary Access Points Adive Clients AP Cliesters Visual Montoning	General Settings  F Radio Settings  WLAN Settings - 2 4  ID States  1 Enable End  2 Duabled End  3 Disabled End	\$580 eniusSSID_5-2.4GHz eniusSSID_2-2.4GHz eniusSSID_3-2.4GHz	None None	None None None	No No No	No No	No No	2	
B Device Managem Summary Access Points Adhie Clients AP Clients Visual Monitoring	General Settings     Rado Settings     No. No. Settings     Obstates     States     States     Obstates     Obstated End     Obstated End     Obstated End     Obstated End	\$\$10 lenius000_1-2.4GHz lenius000_2-2.4GHz	None None None	None None	No No	No No	No No	2	

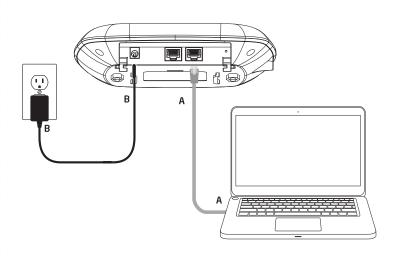
**E)** Upon successful connection and setup, user can review sections of the web management pages and unleash more features for WLAN deployment and performance monitoring.

#### **Stand-alone Access Point Installation**

### Connecting the Access Point

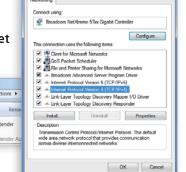
- A) Connect one end of the **Ethernet cable** into the **LAN port** of the Access Point and the other end to the **Ethernet port** on the computer.
- and plug the other end into an electrical outlet.

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 Access Point operating mode



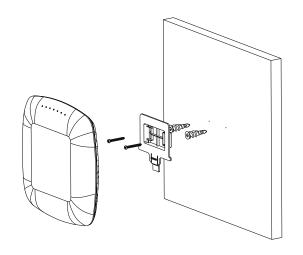
\* Your model number may be different in the web browser interface

- **B)** Connect the **Power Adapter** to the **DC-IN port** of the Access Point

Note: The Access Point supports both IEEE 802.3af PoE (Power over

#### **Wall Mounting the Access Point**

- **A)** Determine where the Access Point will be placed; mark the location for the two base plate mounting holes on the wall. Use the appropriate drill bit to drill a hole on each mark (1/3" or 8.1mm diameter; 1" or 26mm deep).
- **B)** Screw the anchors into the holes until they are flush with the wall.
- **C)** Screw the included screws into the anchors.
- **D)** Slide the wall mount base into the slot of the Access Point.



#### **Technical Support**

Country of Purchase	Service Center	Service Information
North America www.engeniuscanada.com	Canada	rma@engeniuscanada.com Toll Free: (+1) 888 397 2788 Local: (+1) 905 940 8181
www.engeniustech.com	Los Angeles, USA	support@engeniustech.com Toll Free: (+1) 888 735 7888 Local: (+1) 714 432 8668
Central & South America es.engeniustech.com pg.engeniustech.com	Miami, USA	miamisupport@engeniustech.com Miami: (+1) 305 887 7378 Sao Paulo, Brazii: (+55) 11 3957 0303 D.F, Mexico: (+52) 55 1163 8894
Europe www.engeniusnetworks.eu	Netherlands	support@engeniusnetworks.eu (+31) 40 8200 887
Africa CIS Middle East Russia www.engenius-me.com	Dubai, UAE	support@engenius-me.com Toll Free: U.A.E.: 800-EnGenius 800-364-364-87 General: (+971) 4 357 5599
Asia Oceania www.engeniustech.com.sg	Singapore	www.engeniustech.com.sg/e_warranty_form techsupport@engeniustech.com.sg Toll Free: Singapore: (+65) 62271088
Others	Taiwan, R.O.C.	technology@senao.com

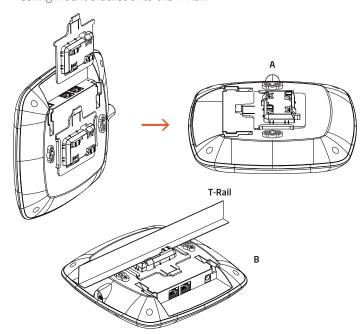
www.engeniusnetworks.com

#### Notes

#### **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.



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



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 ©2017 EnGenius Technologies,