## EnGenius

# Quick Installation Guide

EWS370AP | EWS371AP

Dual Band Wireless Managed Indoor Access Point

# **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.



EnGeniius®											Backup	ٹ Upgrade	• Reset	Reboot	Log
EWS7928P	24-Po	rt Gigabit Po	E+ L2 Wi	reless Manageme	ent Switch	with 4 Dual-Speed SFP						Q 8	oarch		
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Access Points Active Clients	column	Status	to check. By	Model Name EWS3104P	ome, users	MAC Address 88 DC 96 0D:C6 E0	noitemnohn *		¢	IP Add		¢ Clust			ecter
Summary Access Points	column	Status Oriine	to check. By	Model Name	¢	MAC Address	nformation p	Device Name	¢	IP Add 172.3	dress				

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





5 GHz Detachable 2.4 GHz Detachable Antenna x 4 (EWS371AP only)

#### Antenna x 4 (EWS371AP only)

### **Minimum Requirements**

- Broadband Internet Service
- Internet Browser

3 U Q

Internet Explorer, Safari, Firefox, Chrome, Edge) EnGenius Wireless Management L2 Switch

### **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.

 Online
 Online IP Address: Gabret Vasik

#### B) Add Managed AP(s) to specific AP Cluster to save repetitive

Controller   Switch	AP Clusters					
B Device Management						Q
Summary	Cluster Name	*	APs 0	Member List	Description	0 (+ A)
Access Points				No data available in table		_
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	Cluster Setting					
Controller   Switch	of star bearing					
B Device Management	4 General Settings					
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AP Clusters						
< Visual Monitoring	Description:			(0-255 characters)		
24 Statistics						
* Maintenance		Wanaged APs		Cluster Nember		
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	Wember Setting:					
			<< DH			
		Show MAC				
	Administrator Username:	admin	(1-32 charaders)			
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### **Stand-alone Access Point Installation**

### **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). 🚱 🕞 🖉 🔄 Control Panel 🕨 Network and Internet 🕨 Ne SonicWAL Disconnec SonicWAL SonicWALL NetExte

- **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.)



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Controller   Switch	AP Clusters					
Nevice Management						٩
lummary	Cluster Name	*	APs 0	Member List	Description	0 🕂 Acd
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ctive Clients	10 . Showing 0 to 0 of 0 entries					e Provious Neit In
P Clusters						
Controller   Switch	Cluster Setting					
levice Management lemmary	4 General Settings					
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Asistenanos	Wember Setting:	Managed APs EntD10AP EntD10AP	Add >> << DH	Cluster Nember		
		Show MAC				
	Administrator Username:	admin	(1-32 character	13)		
	New Password:	Leave blank if unchang	(1-12 character	(5)		
	Verily Password;					



### ternet Protocol Version 6 (TCP/IPv6) Install... Uninstall Properties ransmission Control Protocol/Internet Protocol. The default vide area network protocol that provides communication ucross diverse internet.



### 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)



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

EWS7928P	24-Port Giga	bit PoE+ L2 Wireless Ma	snagement Sw	tch with 4 Doa	I-Speed SI P		Q fee	rch
Controller   Switch	AP Cluste	rs						
B Device Management							Q	
Summary		Cluster Name	AP AP		Member List	Description		+ Add
Access Points	0	SalesDept	2		EW\$310AP (88.DC.96.01.98.85)			1 8
Active Clients		1 of 1 Cluster(s)						e Previous Ne
AP Clusters		a contractive sector						d Lienna us

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.

Controller   Switch	Cluster Setting					
B Device Management Summary	General Settings					
Access Points	A Radio Settings					
Active Cilents						
AP Clusters	Country:	Please select a country	code.	•		
< Visual Monitoring		2.4GHz			5GHz	
Statistics	Wireless Mode:	802.11 b/g/n Mixed 🔻		802.11 a/	n Mixed 🔹	
☆ Maintenance	Channel HT Mode:	40MHz 🔻		40MHz •		
		Lower Channel			sonal .	
Controller   Switch	Extension Channel:	Lower Channel •		Lower Ch		
Controller   Switch		Lower Channel •		Lower on		
Controller   Switch	Cluster Setting	Lower Channel		Lower Cal		
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Controller   Switch	Cluster Setting	Lower Channel •		LOWELCA		
Controller   Switch Contro	Cluster Setting Cluster Setting Cluster Settings Radio Settings WLNI Settings - 2.4GHz					
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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.

# **B** 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, EnGenius 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.

EnGeniius	s®					
EWS310AP	Dual Radio AP , 2T2R , 300Mb	ops + 300Mbps	С	hanges : 0	Reset	Logou
Overview	Wireless Settings					
Device Status	Device Name	EWS310AP				
Connections	Country / Region	Please Select a Country Code	•			
Network Basic	Band Steering	<ul> <li>Enable</li></ul>	tion to work pro	perly, both 2.4GHz and	5GHz SSID and Se	curity
Wireless						
Management						
Advanced		2.4GHz		5GHz		
Time Zone	Operation Mode	Access Point • 🗉 0	ireen🕖	Access Point *	Green	
WiFi Scheduler	Wireless Mode	802.11 B/G/N ·		802.11 A/N		

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

**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









### Managed Access Point Installation with Wireless Management Switch

### **2** IP Address Configuration



### **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).

### **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
<b>Central &amp; South America</b> es.engeniustech.com pg.engeniustech.com	Miami, USA	miamisupport@engeniustech.com Miami: (+1) 305 887 7378 Sao Paulo, Brazil: (+55) 11 3957 0303 D.F, Mexico: (+52) 55 1163 8894
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Asia Oceania www.engeniustech.com.sg	Singapore	www.engeniustech.com.sg/e_warranty_form techsupport@engeniustech.com.sg Toll Free: Singapore: 1800 364 3648
Others www.engeniusnetworks.com	Taiwan, R.O.C	technology@senao.com

## **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**.



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

EnGenius®		Backup	Upgrada	€ Reset Reboo	e Log			
EWS7928P	24-Port Gigabit PoE+ L2 Wireless Management Switch with 4 Dual-Speed SFP	Q Search						
Controller   Switch	Summary Controller State	O						
Summary Access Points	Enabled Disabled Apply							
Active Clients AP Clusters	System Information							
Visual Monitoring	Controller Version: 0.21.0							

#### 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.



### Notes



Maximum data rates are based on the IEEE standards. Actual throughput and range may vary depending on many factors including 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 ©2016 EnGenius Technologies, Inc. All rights reserved.