



## **Access Point & Station**

# **Wireless Distribution System**



Access Point & Station

# **Master Device**



- 1. Go to "Wireless" under "Network"
- 2. Uncheck the "Green" box
- 3. Select "USA" from drop-down menu of "Country/Region"
- 4. Set Channel HT to 20 MHz, and select a channel from 149 to 165
- 5. Set 22 dBm if the distance is under 500ft or 26 dBm if the distance is over 700ft

OverView			
Device Status	Device Name	ENH500-AX_Remote	
Connections	Country / Region	USA	×.
Realtime			
Network			
Basic			5GHz (ax/ac/n/a)
Wireless	Operation Mode		Access Point 🗸 🗹 Green 🕖
Management	WDS		Enable O Disable
Advanced	Channel HT Mode		80MHz v
Time Zone	Channel		Configuration
WiFi Scheduler	Chariner		Conliguiation
Tools	Transmit Power		Auto ~
System Manager	Bit Rate		Configuration
Account			Crable O Dirable
Firmware	Client Limits		Enable O Disable
Log			C Enable 🖲 Disable
	RSSI Threshold		-85 dBm
			(Range: -60dBm ~ -100dBm)
	AP Detection		Scan
	Distance (0-30km)		1 (0 6miles)

### 6. Go to "Wireless Setting"

### 7. Tap "Edit"

Wireless Settings - Access Point Guest Netwo VLAN ID Enabled SSID 2.4GHz 5GHz Edit Security EnGenius1339B2 1 Edit None EnGenius1339B2\_2 None EnGenius1339B2\_3 None Edit EnGenius1339B2 4 Edit None EnGenius1339B2\_5 Edit None EnGenius1339B2\_6 None Edit EnGenius1339B2\_7 Edit None EnGenius1339B2\_8 Edit None

### 8. Set SSID

9. Select "WPA2-Personal" under "Security Mode"

10.Set the Passphrase

Wireless Setting - Access Point's SSID

Enable	☑ 5G	
SSID		
Hidden SSID	O Enable 💿 D	isable
Client Isolation	O Enable 💿 D	isable
VLAN Isolation	O Enable ● D ID: 1	isable (1~4094)
L2 Isolation	◯ Enable 🧕 D	isable
Security Mode	None	•
Security Mode	WPA2-Personal	~
Encryption	AES	¥.
Passphrase	- 1	

### 11. Tap "Save" to continue

12. Tap "Save" to apply all configuration change

Security Mode	WPA2-Personal	~	
Encryption	AES	~	
Passphrase	- L		
Group Key Update Interval	3600		(30~3600; 0:Disable

Caution: If you encounter disconnection issue during the configuration process, verify that the switch and the DHCP server can support the new VLAN ID and then connect to the new IP address.

O Enable O Disable 4094

Save Save current setting(s)

Status

# **Remote Device**



- 1. Select "Station" from the drop-down menu of Operation Mode
- 2. Uncheck the box of "Green"
- 3. Set 22 dBm if the distance is under 500ft or 26 dBm if the distance is over 700ft

EnGenius®				English	Ŷ
ENH500-AX	AX3600 Dual Band Indoor Ceiling Mount Ac	cess Point	Changes: 0	Reset	Logout
	Wirelace Sattinge				
OverView	Davice Nome ENH500-5X Remote				
Device Status		-			
Connections	Country / Region USA	Ť			
Realtime					
< Network		5GHz (ax)	ac/n/a)		
Basic	Operation Mode	Station	v 🗆 Groop	0	
Wireless	operation mode	Station	C Direkte		
Management	WDS	<ul> <li>Enable</li> </ul>	Disable		
Advanced	Channel HT Mode	SOMHZ	~		
Time Zone	Channel	Configura	ition		
WiFi Scheduler	Trappoil Bower	Auto			
Tools	Transmit Fower	Polio			
1 System Manager	Bit Rate 0	Configure	ition		
Account		Enable	Disable		
Firmware	Client Limits	127			
Log		Enable	Disable		
	RSSI Threshold	-85 d	Bm		
		(Range: -6)	0dBm ~ - 100dBm)		
	AP Detection	Scan			
	Distance (0-30km)	1 (	0.6miles)		

- 4. Tap "Scan" for AP Detection. Search for the 5GHz MAC Address of the Master Devices
- 5. Double tap for the MAC Address of 5GHz MAC Address of the Master Device (highlighted)

ISSID	SSID	Channel	Signal Level	Type	Security	Mode
38:DC:96:6D:A7:41	EnGenius6DA740_1	149	-69 dBm	11ac	None	Master
88:DC:96:4F:C3:D0		36	-61 dBm	11ac	None	Master
88:DC:96:6E:43:56		40	-60 dBm	11a/n	None	Master
8E:DC:97:17:F3:DC	invitados	161	-6 dBm	11ax	None	Master
88:DC:96:86:24:A7	EnGenius8624A6_1	44	-75 dBm	11ax	None	Master
88:DC:97:04:AD:4A	EnGenius Staff	153	-71 dBm	11ex	WPA2 - PSK	Master
8E:DC:97:04:B5:D2	EnGenius Staff	48	-87 dBm	11 ax	WPA2 -PSK	Master
88:DC:97:04:AE:1A	EnGenius Staff	48	-75 dBm	11ex	WPA2 -PSK	Master
88:DC:97:13:39:B2	EnGenius Wi-Fi 6 PtP Bridge	161	-5 dBm	11ax	WPA2-PSK	Master
88:DC:96:5A:98:DF		36	-88 dBm	11a/n	WPA2 -PSK	Master
88:DC:97:04:B0:32	EnGenius Staff	40	-73 dBm	11ax	WPA2 -PSK	Master
A8:6B:AD:F2:A7:B7	WIFISpectrum-5G	161	-68 dBm	11ac	WPA2 -PSK	Master
C2:D2:F3:25:75:F8		153	-55 dBm	11a/n	WPA2 - PSK	Master
98-DC-97-04-AB-3E	EnGenius Staff	161	-49 dBm	11ax	WPA2 -PSK	Master

- 6. Enter the Passphrase of SSID for Master device
- 7. Tap "Save" to continue

Security Mode	WPA2-Personal
Encryption	AES
Passphrase	1

Save Save current setting(s)

- 8. Tap "Apply" to continue
- 9. Tap "Apply" to continue

Management	VLAN Settings	Provide State				
Status	O Enable    Disable	4094				
Caution: If yo can support the	u encounter disconnection issue new VLAN ID and then connect	during the confi to the new IP ad	ration process, verify that the ess.	he switch and the D	HCP server	
					Waiting for change	s to be applied
					COLUMN TWO IS NOT	
Course Paus au	case addinates				Annoli	Respert

### Configuration / Changes

Legend:			
Section added	Section removed	Option changed	Option removed
network.Jan network.Jan.hostname*	ENH500-AX Remote		
wireless.wifi1			
wretess.whil.ath_cour	1=0		
wireless.will1.opeyregp	ionver-o		
wireless wifi1 rate=0x0	-		
wireless.wifi1_sta	and a second state of the second		
wreless.with stalence	yption=pskz+ccmp		
wirelass wifi1 sta keys	eddie8238		
wireless wifi1 stalower	0		
wireless.wifi1_sta.sae=	0		
wireless.wifi1_sta.secu	rity=psk2+ccmp		
wireless.wfi1_sta.ssid=	FitXpress		
wreless.whi1_sta.wds	1		
dhcp.cfg02411c			
dhcp.cfg02411c.domain	n=ENH500-AX_Remote		
snmpd.cfq11e48a			
snmpd.cfg11e48a.sysN	lame=ENH500-AX_Remote	•	
system.cfq02e48a			
system.cfg02e48a.Syst	lemName=ENH500-AX_Re	mote	
_			
Apply Devert			
menuty incordin			

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Maximum data rates are based on IEEE 802.11 standards. Actual throughput and range may vary depending on distance between devices or traffic and bandwidth load in the network.

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