





Bridge Mode (Köprüleme Modu), izole iki ağı kablosuz olarak birbirine bağlamak için kullanılır. Yani diyelimki iki lokasyonunuz var bu lokasyonları birbiriyle haberleştirmek istiyorsunuz veya bazı lokasyonlarınızda internet altyapısı yok ve buraya internet vermek durumundasınız bu gibi durumlarda bu lokasyonları fiziksel bir bağlantı ile bağlamaya gerek kalmadan client bridge modu ilelokasyonları birbirine kablosuz bir şekilde bağlayarak internet bağlantısı verebiliriz. Ekranda da görüldüğü gibi merkezde internete bağlı wireless route olarak yayın yapan bir access point var diğer lokasyonda ise client bridge moduna alınmış bir wireless alıcısı var. Client bridge moda alınmış cihaz merkezden kablosuz internet yayını alır ve arkasına bir Access point bağlanarak bulunduğu locale kablosuz internet yayını yapması sağlanır . İsterseniz arkasına switch bağlayarak da kullanıcılarınıza fiziksel internet bağlantısı verebilirsiniz.

Basic			2.4GHz	z (n/g/b)		5GHz (	ac/n/a)		
Wireless	Operation M	Mode	Access	Point V	🗹 Green 🕖	Access	Point 🗸 🕻	Green 🥑	
Mesh	Channel H	ſ Mode	20MHz			40MHz	~		
Status	Channel		Confid	uration					)
Settings	T								
Tools	Transmit Po	ower	Auto	~		Auto	~		
Management	Bit Rate		Config	juration					
Advanced	Client Limit	s	• Ena	ble O Disa	ble	• Enal	ole O Disable		
WiFi Scheduler	Multisent to	Unisent Ofreem	127			127			
Tools	Conversion	Unicast Stream	Enable	ole 🥑 🔿 Dis	able 🥝				
System Manager	AP Detection	n	Scan			Scan			
Account	Distance (0	-30km)	1	(0.6miles)		1	(0.6miles)		
Firmware									
Log	Wireless S	Settings - Access Point							
1	Enabled	SSID		2.4GHz	5GHz	Edit	Security	Guest Network	VLAN ID
		Test_1				Edit	WPA2- Personal	٥	
	0	EnGenius912F56_2			0	Edit	None		-
		EnGenius912F56_3				Edit	None		-
		EnGenius912F56_4				Edit	None		10431
		EnGenius912F56_5			0	Edit	None		121

## EnGenius



İlk olarak Access Point yayını yapacak merkezdeki cihaz için Access Point modunda gerçekleştirdiğimiz ayarları burada uyguluyoruz.

nGenius®								_	English	
ENS620EXT	AC1300 Dual Conc	urrent Outdoor	АР				Changes: 0		Reset	Logou
OverView	Wireless Settings									
Device Status	Device Name	ENS620EXT								
Connections	Country / Region	Please select	the cour	ntry 🗸						
Realtime										
Network									_	
Basic	32		2.4GHz	(n/g/b)			5GHz (ac/	n/a)		
Wireless	Operation Mode		Access	Point	~	🗹 Green 🕖	Client Bridg	ge v	🛛 Green 👂	
Mesh	Channel HT Mode		20MHz		~		Access Po	int		
Status							WDS Acce	ge ss Point		
Settings	Channel		Configu	uration			WDS Bridg	je		
Tools	Transmit Power		Auto		$\sim$		WDS Station	on		
Management	Bit Rate		Config	ration			Repeater			
Advanced			Enable		lisah	lo	Enable	D Disa	hle	
Time Zone	Client Limits		127		10000		127	Disa	010	
WiFi Scheduler	Multicast to Unicast S	stream	Ench		Dies	blo 🕜	10.00			
Tools	Conversion				Disa			1		
System Manager	AP Detection		Scan				Scan			
Account	Distance (0-30km)		1	(0.6mile	es)		1 (0	).emiles)		
Einneuusne										

Client bride moduna alınacak cihaz da öncelikle "operation modunu" client bridge olarak seçiyoruz.Ardınan 5GHz bandında Access point yayınımızı bulmak için "AP Detection Scan "diyoruz.

Burda bir dipnot düşmek gerekirse ; 5GHz bandını seçmemizin nedeni kapsama alanı , 2.4 GHz'e göre daha dar olsa da bağlantı kalitesi ve veri iletim hızı daha yüksek olduğu için bu bandı seçiyoruz.

→ X 🔺 Güvenli de	gil   https://192.168.1.22/cgi-bir/luci/;stok=co	ce7b2d4bb00c65bc2ffe29bdc5	40736/admin/ne	rtwork/wireless_join?device≈v	vifi18tmpOpmode =	staðuretid=wifi1.network16i	i&title≈5GHz+si ⊮	\$ *
Site Survey								
BSSID	SSID	- (	Channel	Signal Level	Туре	Security	Mode	
BSSID 88	SSID Test_1		Channel 100	Signal Level -68 dBm	Type 11ac	Security WPA2 -PSK	Mode Master	
BSSID 88: 04:	SSID Test_1 Netcom		Channel 100 116	Signal Level -68 dBm -60 dBm	Type 11ac 11ac	Security WPA2 -PSK WPA2	Mode Master Master	

• Bağlanmak istediğimiz SSID 'yi seçiyoruz.





ENS620EX1	× Sense20ext	× S https://192.168.1.22/cgi-bin/luc × +	~ - O
- > C 🔺	Güvenli değil   https://192.168.1.22/cgi-b	in/luci/stok=cce7b2d4bb00c65bc2ffe29bdc540736/admin/network/wireless_join	ය 🖈 😫
Wireless Se	ecurity		
Preferred BS	SID	□ 88 : DC : 96 : 91 : 2F : 57	
SSID		Test_1	
Wireless Se	ecurity		
Wireless Se Security Mod	ecurity	WPA2-Personal V	
Wireless Se Security Mod Encryption	ecurity	WPA2-Personal   AES	

Son olarak seçtiğimiz SSID'nin wireless security ayarları geliyor bu ayarlarıda kaydettikten sonra Access Pointimiz ve client bride modundaki cihazımız arasında bağlantı kurulmuş oluyor.

EnGeniius®						English	
ENS620EXT	AC1300 Dual Concurre	ent Outdoor AP		Changes	s: 0 Rese	t	Logout
OverView	Connection List -	2.4GHz					
Device Status	SSID	MAC Address	TY (KB)	PV (KB)	PSSI (dBm)	Block	
Connections	5510	MAC Address		KA (KD)	KSSI (dbm)	DIOCK	
Realtime	Test_1	50	718 KB	964 KB	-63dBm	KICK	
Network							
Basic							
Wireless	Connection List -	5GHz					
Mesh	SSID	MAC Address	TX (KB)	RX (KB)	RSSI (dBm)	Block	
Status	5510	nac Address				DIOCK	
Settings	Test_1	88:	72 KB	202 KB	-75dBm	KICK	
Tools							
Management	Refresh						
Advanced	Nondan						
Time 7one							
EnGenius®					E	English	
EnGenius®	AC1300 Dual Concurr	ent Outdoor AP		Changes:	0 Reset	English	ogout
EnGenius® ENS620EXT	AC1300 Dual Concurr	ent Outdoor AP		Changes:	0 Reset	English La	ogout
EnGenius® ENS620EXT	AC1300 Dual Concurr Connection List -	ent Outdoor AP 2.4GHz		Changes:	0 Reset	English	ogout
ENS620EXT	AC1300 Dual Concurr Connection List -	ent Outdoor AP 2.4GHz MAC Address	ТХ (КВ)	Changes: RX (KB)	0 Reset	English Lu Block	ogout
ENS620EXT D OverView Device Status Connections Realine	AC1300 Dual Concurr Connection List - SSID	ent Outdoor AP 2.4GHz MAC Address	ТХ (КВ)	Changes: RX (KB)	0 Reset RSSI (dBm)	Block	ogout
EnGenius® ENS620EXT D OverView Device Status Connections Realtime	AC1300 Dual Concurr Connection List - SSID	ent Outdoor AP 2.4GHz MAC Address	ТХ (КВ)	Changes: RX (KB)	0 Reset RSSI (dBm)	Block	ogout
ENS620EXT D OverView Device Status Connections Realtime Connections Realtime	AC1300 Dual Concurr Connection List - SSID Connection Status	ent Outdoor AP 2.4GHz MAC Address s - 5GHz	ТХ (КВ)	Changes: RX (KB)	0 Reset RSSI (dBm)	Block	ogout
ENS620EXT D OverView Device Status Connections Realtime Network Basic Wireless	AC1300 Dual Concurr Connection List - SSID Connection Status	ent Outdoor AP 2.4GHz MAC Address s - 5GHz	TX (KB)	Changes: RX (KB)	0 Reset RSSI (dBm)	Block	ogout
ENS620EXT D OverView Device Status Connections Realtime Network Basic Wireless A Mesb	AC1300 Dual Concurr Connection List - SSID Connection Status SSID	ent Outdoor AP 2.4GHz MAC Address s - 5GHz	TX (KB)	Changes: RX (KB)	0 Reset RSSI (dBm)	Block	ogout
ENS620EXT ENS620EXT D OverView Device Status Connections Realtime < Network Basic Wireless Mesh Statur	AC1300 Dual Concurr Connection List - SSID Connection Status SSID BSSID	ent Outdoor AP 2.4GHz MAC Address s - 5GHz	TX (KB)	Changes: RX (KB)	0 Reset RSSI (dBm)	Block	ogout
ENS620EXT ENS620EXT D OverView Device Status Connections Realtime < Network Basic Wireless Mesh Status Settions	AC1300 Dual Concurr Connection List - SSID Connection Status BSSID Connection Status	ent Outdoor AP 2.4GHz MAC Address s - 5GHz	TX (KB) Test_1 S Associated	Changes: RX (KB)	0 Reset RSSI (dBm)	Block	ogout
ENS620EXT ENS620EXT D OverView Device Status Connections Realtime Network Basic Wireless Mesh Status Settings Tools	AC1300 Dual Concurr Connection List - SSID Connection Status SSID BSSID Connection Status Wireless Mode	ent Outdoor AP 2.4GHz MAC Address s - 5GHz	TX (KB) Test_1 8 Associated 802.11 ac/n	Changes: RX (KB)	0 Reset RSSI (dBm)	Block	ogout
ENS620EXT ENS620EXT D OverView Device Status Connections Realtime Network Basic Wireless Mesh Status Settings Tools Management	AC1300 Dual Concurr Connection List - SSID Connection Status SSID BSSID Connection Status Wireless Mode Current Channel Security	ent Outdoor AP 2.4GHz MAC Address s - 5GHz	TX (KB) Test_1 8 Associated 802.11 ac/n 5.500 GHz(C	Changes: RX (KB) 57	0 Reset RSSI (dBm)	Block	ogout
ENS620EXT ENS620EXT Device Status Connections Realtime Connections Realtime Network Basic Wireless Mesh Status Settings Tools Management Advanced	AC1300 Dual Concurr Connection List - SSID Connection Status SSID BSSID Connection Status Wireless Mode Current Channel Security Tx Data Pater(Mbrc)	ent Outdoor AP 2.4GHz MAC Address s - 5GHz	TX (KB) Test_1 8 Associated 802.11 ac/n 5.500 GHz(C WPA2-Person 400 Mb/c	Changes: RX (KB) 57 hannel 100)	0 Reset RSSI (dBm)	Block	ogout
ENS620EXT ENS620EXT Device Status Connections Realtime Connections Realtime Network Basic Wireless Mesh Status Settings Tools Management Advanced Time Zone	AC1300 Dual Concurr Connection List - SSID Connection Status SSID BSSID Connection Status Wireless Mode Current Channel Security Tx Data Rates (Mbps)	ent Outdoor AP 2.4GHz MAC Address s - 5GHz	TX (KB) Test_1 8 Associated 802.11 ac/n 5.500 GHz(C WPA2-Person 400 Mb/s	Changes: RX (KB) 57 hannel 100)	0 Reset RSSI (dBm)	Block	ogout
ENS620EXT ENS620EXT Device Status Connections Realtime Connections Realtime Network Basic Wireless Mesh Status Settings Tools Management Advanced Time Zone WiFi Scheduler	AC1300 Dual Concurr Connection List - SSID Connection Status SSID BSSID Connection Status Wireless Mode Current Channel Security Tx Data Rates(Mbps) Current noise level Sional Strength	ent Outdoor AP 2.4GHz MAC Address s - 5GHz	TX (KB) Test_1 8 Associated 802.11 ac/n 5.500 GHz(C WPA2-Person 400 Mb/s -95 dBm -73 dBm	Changes: RX (KB) 57 hannel 100) tal	0 Reset RSSI (dBm)	Block	ogout
ENS620EXT ENS620EXT Device Status Connections Realtime Connections Realtime Realtime Network Basic Wireless Mesh Status Settings Tools Management Advanced Time Zone WiFi Scheduler Tools	AC1300 Dual Concurr Connection List - SSID Connection Status SSID BSSID Connection Status Wireless Mode Current Channel Security Tx Data Rates(Mbps) Current noise level Signal Strength	ent Outdoor AP 2.4GHz MAC Address s - 5GHz	TX (KB) Test_1 8 Associated 802.11 ac/n 5.500 GHz(C WPA2-Person 400 Mb/s -95 dBm -73 dBm	Changes: RX (KB) 57	0 Reset RSSI (dBm)	Block	ogout
ENS620EXT ENS620EXT Device Status Connections Realtime Connections Realtime Network Basic Wireless Mesh Status Settings Tools Management Advanced Time Zone WiFi Scheduler Tools System Manager	AC1300 Dual Concurr Connection List - SSID Connection Status SSID BSSID Connection Status Wireless Mode Current Channel Security Tx Data Rates(Mbps) Current noise level Signal Strength	ent Outdoor AP 2.4GHz MAC Address s - 5GHz	TX (KB) Test_1 8 Associated 802.11 ac/n 5.500 GHz(C WPA2-Person 400 Mb/s -95 dBm -73 dBm	Changes: RX (KB) 57	0 Reset RSSI (dBm)	Block	ogout

Cihazlarımızın bağlantı durumunu Overview > Connection kısmından görüntüleyebiliriz.