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3. Login Web Configuration

Use IE browser to access http://192.168.2.1, pop up the login page shown below, input the login password: admin, enter into the home page.



	Operation Mode Repeater Mode		Flow			NDS Dow	n Stream		IS Up Stream
Home	V Device Location								
CPE			0						
WIFi	Uptime:00:04:19		N-36-30	943635	14:36:43 1	14.36.45	14.36.50	943655	14.3700
∰	B Device Information	E LAN Information	WDS In	formation			s WiFi Inf	formation	
etwork	CPU Uage 4%	IP Mode Get IP From AC Lan IP 192, 198, 198, 253	Encrypt AP 8551D	Open NIA	Bandwidd	t Taut	Status SSID	ON Winited5.85	
O Ianage	Memory Ukage 42%	Subret 255.255.255.0 ACAddress 152.108.188.1 MACAddress 44011544C-08.45	AP 855D AP 855D AP 855D	NIA NIA NIA			Channel Encrypt NAC Address	44 WPAWPA3PS 44:01:FA4CS	K_TIORNES

Repeater Mode	AP Mode

Setun Wizard

Using Setup Wizard the CPE device can be set up to Repeater and AP mode.

Repeat mode

Bridge the exist wireless signal then transmit Wi-Fi for more range.

AP mode

In this mode, NAT, DHCP, firewall, and all WAN-related functions are turned off. All wireless and wired interfaces are bridged together, regardless of LAN and WAN.

Configuration method

According to the quickly setup wizard of each mode shown in the above figure, set the parameters and options based on user needs, click next until the setting of each step is completed.

4. Configure Wireless

Trouble shooting

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etwork Connection Details	×	Wieless Network Status	¢
Network Connection Details		General	
Property Connection-specific DN	Value	Connection	
Description Physical Address DHCP Enabled IPv4 Subnet Mak Lease Obtained Lease Expires IPv4 Default Gateway IPv4 DHCP Server	Qualcomm Alheros AR956x Wireles B8-86-87-3E-B5-3D Yes 192-168.2.2 255.255.255.0 2018-7-28 9: 57: 23 2016-7-28 10: 57: 22 192-168.2.1	IPv4 Connectivity: Internet IPv4 Connectivity: No Internet access Media State: Enabled Still: yunlink Duration: 0 10 1.21 Speed: 72 2Mbps Signal Quality: fill Detail. Wireless Properties	
IPv4 DNS Server IPv4 WINS Server Net BIO over Tcpip En Link-local IPv6 Addres IPv6 Default Gateway	192-168.2.1 114.114.114 192.168.82.1 Yes Fe80: cb8:dec0:56c1:94d%14 Close	Activity Sent — Bytes: 2, 492 , 35, 327 Properties Disable Diagnoe	

- a. Use a laptop or mobile phone to test the wireless network Internet, click on the wireless network, select the wireless SSID, input the password to test whether PC or mobile phone can be online.
- b. Check the wireless network connection status, signal strength and speed, transmission and data, click network connection details to see if the IP address and DNS server address are correctly obtained, confirm device is working properly.



WLAN		Canel yunlink 5.80	G Network details	Canel yunlink 5.8	G Network deta
WLAN		Link speed	400Mbps	Gateway	192.168
CONNECTED		Security	None	PROXY	
yunlink 5.8G Connected	÷	IP address	192.168.2.2	None	
yunlink Saved	? (>	Subnet mask	255.255.255.0	IP SETTINGS Static	
AVAILABLE NETWORKS		Gateway	192.168.2.1	ID addrage	192 168 2
23456789	* (>)			Gateway	192.168.2
DCOM-0000	≉ ⊙	PROXY		prefix length	2
005.0.40	R ()	None		DNS 1	8.8.8
RUE 2.4G		IP SETTINGS		DNS 2	8.8.4
V_2_4G-200		IP se	tings	h Madi	naturati
3V_5_8G-200	<u> </u>	> DHCP		Forge	t network
0		Static			
	<u>م</u>				
		① Android syst	em setun stens		
		S. Allarola Syst	cin setup steps		
č			<u> </u>	1	<u> </u>



Channel Table

Wireless Bridge Regional Channel Code Instructions

Regional Code	5G Channel	
	5.500GHz	(Channel 100)
	5.520GHz	(Channel 104)
	5.540GHz	(Channel 108)
	5.560GHz	(Channel 112)
	5.580GHz	(Channel 116)
ETSI	5.600GHz	(Channel 120)
	5.620GHz	(Channel 124)
	5.640GHz	(Channel 128)
	5.660GHz	(Channel 132)
	5.680GHz	(Channel 136)
	5.700GHz	(Channel 140)

(Note: for the frequencies above indicated the DFS function must be activated)

Trouble Reason Solution Use Wi-Fi analysis to choose the best channel, or change to 5G CPE CPE should be in normal distance, and Wireless Interference Distance is too long, or there are some Packet Latency bar between them CPE's angle in wrong direction, weak signal avoid bar Adjust the angle of CPE according to signa strength Press reset button in 10 seconds to reset Forget password Input wrong password Too much cookie Wrong password device, the default password is admin Re-input the password Clear cookie, run arp -d to clear MAC table Local IP is not in the same network Ping 192.168.188.253 to see connection segment of CPE IP is taken by other devices LAN Connection or Ethernet cable has status Stop other devices or change to another IP Can not logir WFB Check LAN Connection and Ethernet cable Clear cookie, run arp -d to clear MAC problem Too much cookie, MAC address haven't address Check if POE Adapter or POE switch work Check if POE Adapter or POE switch work Check if POE port of CPE is OK Check if Ethernet cable is loose, if Ethernet cable plugged in to POE port Check if voltage is normal, if socket has problem, if input voltage of POE adapter is normal PoE power supply is not working System LED Some problem in CPE's PoE port Ethernet cable is loose, RJ45 port is wrong liaht off Power current/voltage lower or wrong Adjust the distance, angle and channel to Packet Latency decrease latency Low cable

transmission Rate	Control cable circuit A. Network virus attack Too much access users	 Check if port isolated to avoid network value and broadcast storm Decrease the access users
Device always Dead	 Static electricity Running time too long Lightning stroke 	 Make CPE or POE adapter need ground connection Reboot CPE device After lightning, device POE port broken or unstable, better to deploy lightning conductor

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5. Login WEB by Mobile Phone

Outdoor CPE supports mobile phone Login and set, the configure page showed as follow:



1. Mobile phone connect with outdoor CPE, SSID:TECHLY5G

2. Configure static IP:

- Android Mobile Phone: Open settings in phone, turn on WLAN and find the SSID of the CPE, access to wireless network settings then choose "static IP" in the menu, set the mobile phone IP address as 192.168.2.x (x can not be 1) same network segment as CPE, subnet mask: 255.255.255.0, then gateway, subnet mask and domain.

- **IOS Mobile Phone:** Open settings and choose wi-fi connect with CPE, click exlamation mark (!), manual set IP address 192.168.2.x (x can not be 1) same network segment as CPE, subnet mask: 255.255.255.0, then gateway, subnet mask and domain.

3. Input 192.168.2.1 on the internet explorer bar, input admin to login the mobile configuration page.

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EN		POINT-TO-POINT CPE

In compliance with EU Directive WEEE this product is marked with this symbol. It means that used electrical and electronic products should not be mixed with general household waste.

There is a separate collections system for these products in compliance with WEEE directive, otherwise contaminative and hazardous substances can pollute the environment.

CE

With the CE sign, Techly® ensures that the product is conformed to the basic European standards and directives. The full text of the EU Declaration of Conformity is available on the WWW.TECHLY.COM website in the product page.

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