

WAB-5010

N300 5GHz Outdoor PoE Wireless Access Point, Controller Managed

User's Manual

V1.0_20170628

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This is the manual of outdoor CPE, which will approximate guide you how to set and apply the outdoor CPE, it provide a convenient graphical interface for network construction and maintenance person, as well as a user through a simple and accurate operation, and configuration management of the CPE.

1 Preparation for Configuration

1.1 Power supply and Connection

Instruction of different ports



P1 **CPE** Port Connection

Please use a power supply of 12V DC adapter or 48V POE adapter, WAN / LAN port is the PoE Port.



Pls make sure the CPE's power supply is normal in reset process, or the CPE will be damaged and can't reboot

Powered by POE

The connection way of CPE, PoE and PC: POE port should connect with the WAN/POE Port of the CPE. Please make sure the device is under AP mode. You can press Reset Button to make it to default settings.



Powered by DC

When the CPE powered by DC, please connect the LAN port with PC.



Incorrect Connection or the use power adapter and PoE adapter not from our factory, the CPE will be damaged

Reset Button

Press the Reset Button on CPE more than 15 seconds, then release, the device will reboot and restore to factory settings

Software Reset

CPE Manage page: Click "Management", then "Save/Reload Settings", then click "Reset Settings" to finish the CPE Reset

Quick Setup	System St	atus	Operation Mod	le 5.80	GHz Repeater	Network S	etting	Management			
Time Zone Settir	ng Log	Upg	rade Firmware	Save/Re	load Settings	Password					
Save/Reload Set	tings										
			Save Setti	ngs to File	Save Settings						
			Load Setting:	s from File	Upload Setting	gs				浏览	j
			Reset Settings	to Default	Reset Settings	5					
			Syste	m Reboot	System Reboo	ot					

1.2 Log in

A. Connect the CPE with computer as P2 picture

B. Configure the PC's local connection IP address as 192.168.188.X (X is any number but 253), subnet mask is

255.255.255.0, follow P3 and P4 to finish.



P3 Setting of computer's IP address

Local Area Connection Properties	x
Networking	
Connect using:	
Realtek RTL8168C(P)/8111C(P) Family PCI-E Gigabit Ethe	
Configure	
This connection uses the following items:	
Client for Microsoft Networks	
QoS Packet Scheduler	
☑ ➡ File and Printer Sharing for Microsoft Networks	
 Internet Protocol Version 6 (TCP/IPv6) Internet Protocol Version 4 (TCP/IPv4) 	
Internet Protocol Version 4 (TCP/IPV4)	
 Link-Layer Topology Discovery Responder 	
Install Uninstall Properties	
Description	- II
Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.	
	- 11
OK Cance	el

P4 Setting of computer's IP address

C. Input 192.168.188.253 into IE browser, then pop up the Log in page, the default Log in user name: admin, Passwords: admin, pls do as following P5

Windows			×
(Shared and	admin		

		确定 取	消

P5 Log in

D. After login, you can see the current status of the CPE: The current Operation Mode, WLAN Status



P6: Device Status

2 Quick Configuration

There are six operation modes showed on this page: Gateway mode, Repeater Mode, IP Camera Mode, AP Mode,

WISP Mode and WDS Mode.

2.1 Gateway Mode

Click "Gateway Mode" under following picture and choose the right WAN access type: Dynamic IP or PPPOE. If choose PPPOE you have to fill in the User Name and Pass Word the ISP provides.

Input the SSID, Key (password of the SSID), Authentication (Encryption Type) and Channel as you wish. Intelligent Analysis will help you to choose the best channel according to the current environment.

After configuration please Save & Apply.



P7 Gateway Mode

Quick Setup Quick Setup Device Status Stateway Mode	<u></u>	\odot		\odot	(
((°)) Repeater Mode	Terminal VAN Access Type	Intelligent Analysis Refresh	AP	٥	Internet
IP Camera	WAN ACCESS Type		There are 5 APs in Channel	Select	
AP Mode	PPPOE(ADSL)	Channel 153 Channel 157	There are 0 APs in Channel	Select Select	
(WISP	Wireless Basic Settings	Channel 161 Channel 165	There are 0 APs in Channel There are 0 APs in Channel	Select Select	
WDS Bridge					
Advanced Settings	Au				
CPU Frequency:535MHz					
System Memory:512 M CPU Usage:21%					Save & Apply
Memory Usage:21%					

P8 Intelligent Analysis

2.2 Repeater Mode

Scan AP and choose the SSID you want to repeat. You are advised to lock the MAC of the SSID you repeat. Please do

not change the Channel of the SSID you repeat. And input the Password of the SSID you repeat. Then Save & Apply.

<complex-block>And add in a stand in a stand</complex-block>	Quick Setup	
<complex-block> Witchester Witchester<</complex-block>		
<complex-block> Witchester Witchester Sorted Witchester Sorted Sorted Witchester Sorted Worderster Witchester Sorted Worderster Witchester Witchester Worderster Witchester Witchester Worderster Witchester Worderster Sorted Adger Witchester Worderster Sorted Adger <th></th><th></th></complex-block>		
P camera	Repeater Mode	
<complex-block></complex-block>	🧕 IP Camera	
<complex-block> Image: Status Image: Status Image: Image: Status Image: Status Image: Image: Image: Status Image: Status Image: Imag</complex-block>	AP Mode	
Image: Control of Orac Orac Orac Orac Orac Orac Orac Orac	•	
Image: Status Cuck Setup Wise Rapports: Mode Image: Status <p< th=""><th>((WISP</th><th></th></p<>	((WISP	
<complex-block> Wanced setting CPI Preventy 350H2 Values 20% Winnow 1512 Mill Winnow 1512 Mill</complex-block>	WDS Bridge	
<complex-block>System Hamory: S12 IL (U U Bage 20%</complex-block>	Advanced Settings	our a repri-
UP Urgenery	CPU Frequency:535MHz	
Proversities Carde Sature Conce Sature C		
Ouck Setup Ouck Setup <th>CPU Usage:20%</th> <th></th>	CPU Usage:20%	
Ouck Setup Perces Status © clawary Mode (*) Regeater Mode <th>Memory Usage:20%</th> <th></th>	Memory Usage:20%	
Cuck Sterp Image: Cuck Sterp		
 Pevice Status Constraints <l< th=""><th></th><th>P9 Repeater Mode</th></l<>		P9 Repeater Mode
 Certain Control Contr	Quick Setup	
('i')* Repeater Mode	Device Status	
	Gateway Mode	Terminal AP
	((;)) Repeater Mode	
Image: Security (VPA2-PSK/TKIP/AES) Select AP image: Select	IP Camera	yunlink-5.8G
Image: CPU Frequency:535MHz System Memory:512 M CPU Jorequency:535MHz System Memory:512 M CPU Usage: 22%		Security(OPEN)
Wireless 5.8G WDS Bridge Advanced Settings CPU Frequency:535MHz System Memory:512 M CPU Usage:22%	🛜 AP Mode	DTL 5.9C
WDS Bridge Select AP Image: 22% Select AP		Author all 78:d3:8d:f4:95:78 Channel:149 Band:5GHz(AN) Signal-58dBm Select AP
Open Program 18:40:a4:a8:76:01 Channet:149 Band:5GHz(AN) Signal-84dBm Select AP CPU Frequency:535MHz System Memory:512 M CPU Usage:22% Security(WPA2-PSK/TKIP/AES)		Auth 178:d3:8d:t4:95:78 Channel:149 Band:SGHz(AN) Signal-S8dBm Select AP Security(WPA/WPA2-PSK/TKIP/AES) Wireless 5.8G Save & Apply
CPU Frequency:535MHz System Memory:512 M CPU Usage:22%	(() WISP	Auth Auth 178:d3:8d:t4:95:78 Channel:149 Band:5GHz(AN) Signal-58dBm Select AP Security(WPA/WPA2-PSK/TKIP/AES) Wireless 5.8G 18:40:a4:a8:76:37 Channel:149 Band:5GHz(AN) Signal-82dBm Select AP
CPU Usage:22%	((WISP WDS Bridge	Auth 178:d3:8d:t4:95:78 Channet:149 Band:5GHz(AN) Signal-58dBm Select AP Security(WPA/WPA2-PSK/TKIP/AES) Wireless 5.86 Wireless 5.86 Wireless 5.86 18:40:a4:a8:76:31 Channet:149 Band:5GHz(AN) Signal-82dBm Select AP Select AP
	WISP WDS Bridge Advanced Settings	Auth 178:d3:8d:t4:95:78 Channet:149 Band:5GHz(AN) Signal-58dBm Select AP Security(WPA/WPA2-PSK/TKIP/AES) Wireless 5.86 Wireless 5.86 Wireless 5.86 18:40:a4:a8:76:31 Channet:149 Band:5GHz(AN) Signal-82dBm Select AP Select AP
	WISP WDS Bridge WDS Bridge KOPU Frequency:535MHz System Memory:512 M	Auth 178:d3:8d:t4:95:78 Channet:149 Band:5GHz(AN) Signal-58dBm Select AP Security(WPA/WPA2-PSK/TKIP/AES) Wireless 5.86 Wireless 5.86 Wireless 5.86 18:40:a4:a8:76:31 Channet:149 Band:5GHz(AN) Signal-82dBm Select AP Select AP
Memory Usage:19%	WISP WDS Bridge Advanced Settings CPU Frequency:535MHz System Memory:512 M CPU Usage:22%	Auth 178:d3:8d:t4:95:78 Channet:149 Band:5GHz(AN) Signal-58dBm Select AP Security(WPA/WPA2-PSK/TKIP/AES) Wireless 5.86 Wireless 5.86 Wireless 5.86 18:40:a4:a8:76:31 Channet:149 Band:5GHz(AN) Signal-82dBm Select AP Select AP
	WISP WDS Bridge Advanced Settings CPU Frequency:535MHz System Memory:512 M CPU Usage:22%	Auth 178:d3:8d:t4:95:78 Channet:149 Band:5GHz(AN) Signal-58dBm Select AP Security(WPA/WPA2-PSK/TKIP/AES) Wireless 5.86 Wireless 5.86 Wireless 5.86 18:40:a4:a8:76:31 Channet:149 Band:5GHz(AN) Signal-82dBm Select AP Select AP
	WISP WDS Bridge WDS Bridge Advanced Settings CPU Frequency:535MHz System Memory:512 M CPU Usage:22%	Auth 178:d3:8d:t4:95:78 Channet:149 Band:5GHz(AN) Signal-58dBm Select AP Security(WPA/WPA2-PSK/TKIP/AES) Wireless 5.86 Wireless 5.86 Wireless 5.86 18:40:a4:a8:76:31 Channet:149 Band:5GHz(AN) Signal-82dBm Select AP Select AP

P10 Scan AP

Instruction

If your computer can't pop up this window, pls check your IE explorer and see whether it is blocked already. And if this CPE can't scan any SSID, pls check if there are 5G wireless signal.

After apply you will see the following warning. Click OK. The SSID is disable in default setting, it works as Station; Then

if need SSID broadcast in this operation mode, just manually change under Advanced Setting.

Message	from webpage	×
	In this mode, the default will turn off the wireless coverage function, due to open this function will increase the interference between wireless AP, but if you use a wireless coverage function, please open you can manually in the wireless set virtual AP function!	
	ОК	

After choosing the SSID, click Edit to configure it.

uick Setup S	ystem Status O	peration Mode 5.	8GHz Repeater	Network Setting	Management				į į
8GHz Repeater	5.8GHz Virtual AP	5.8GHz Advanced							
reless VAP Setti	ngs								
		VAP Interface	Obisabled OEn	abled					
		SSID		(max 32 characte	rs)				
		Broadcast SSID	\bigcirc Disabled \bigcirc I	Enabled					
		WMM	\bigcirc Disabled \bigcirc I	Enabled					
		Authentication	Open 🗸						
		Key Length	○ Wep 64 Bit ○ Wep 128 Bit						
		Cipher Suite							
		Key Format	ASCII(5 characters	s) 🗸					
		Key							
								Save	& Apply
Status	Ba	nd	S SID		Broadcast SSID	Rate	WMM	Security	Edit
(Off)	11NA	HT40	WirelessA	P1	Enabled	Auto	Enabled	Open	۲
(Off)	11NA	HT40	WirelessA	P2	Enabled	Auto	Enabled	Open	0
(Off)	11NA	HT40	WirelessA	P3	Enabled	Auto	Enabled	Open	0

P11 Virtual AP

2.3 IP Camera Mode



P12 Application of Cameras

Pls note: If CPE1 in AP operation mode, CPE2 in repeater operation mode, then DVR in CPE1 side; The setting of AP and Repeater mode, please refer to 2.2 and 2.4.

If CPE1 and CPE2 in WDS operation mode, then DVR can be in CPE1 side or CPE2 side.

Quick Setup	
Device Status	
Gateway Mode	Camera AP AP
(()) Repeater Mode	IP Camera(Basic structure of the network graph)
IP Camera	Mode BaseStation(AP) Mode v
🛜 AP Mode	Wireless Basic Settings Repeater(CPE) Mode BaseStation(AP) Mode SSD vunlark-5.8.6 (max 32 characters)
((WISP	Channel 149 - 5745MHz Intelligent Analysis Authentication Open
WDS Bridge	Save & Apply
Advanced Settings	
CPU Frequency:535MHz	
System Memory:512 M CPU Usage:19%	
CPU Usage. 19%	
Memory Usage:19%	

P13 IP Camera

2.4 AP Mode

Plug and Play to transmit wireless signal for wireless end users form wired networking. In this part, user can mark the AP's location and name for easy problem checking. Input the SSID, Key (password of the SSID), Authentication (Encryption Type) and Channel as you wish. Intelligent Analysis will help you to choose the best channel according to the current environment. Then Save & Apply.

Quick Setup Ourice Status Observation Gateway Mode	Termina Switch
((•)) Repeater Mode	AP Mode(Basic structure of the network graph)
IP Camera	Location Information AP Location AP Name
🛜 AP Mode	Wireless Basic Settings
((💽 WISP	SSD yunlink-5.8G (max 32 characters) Channel 149 - 5745MHz Intelligent Analysis
₩DS Bridge	Authentication WPA-PSK Cipher Suite TKIP @ AES TKIP/AES
Advanced Settings	Key 666666666
CPU Frequency:535MHz	Save & Apply
System Memory:512 M	
CPU Usage:19%	
Memory Usage:19%	

P14 AP Mode

2.5 WISP Mode

Choose the right WAN access type: Dynamic IP or PPPOE. If choose PPPOE you have to fill in the User Name and Pass Word the ISP provides. (You can refer to 2.1)

Scan AP and choose the SSID you want to repeat. You are advised to lock the MAC of the SSID you repeat. Please do not change the Channel of the SSID you repeat. And input the Password of the SSID you repeat. Then Save & Apply. (You can refer to 2.2)

Quick Setup Ourice Status Gateway Mode	
((•)) Repeater Mode	WISP(Basic structure of the network graph)
I P Camera	WAN Access Type 1 WAN Access Type DynamicIP
AP Mode	PPPOE(ADSL) User Name
((WISP	Password WISP
WDS Bridge	2 SSID yunlink-5.8G ScanAP MAC 78:d3:8d:d3:a9:c2 lockmac
Advanced Settings	Authentication Open Channel 149
CPU Frequency:535MHz System Memory:512 M CPU Usage:19% Memory Usage:19%	Save & Apply

P15 WISP Mode

2.6 WDS Mode

This mode is used for PTP or PTMP WiFi transmission.user can mark the AP's location and name for easy problem checking. Input the SSID, Key (password of the SSID), Authentication (Encryption Type) and Channel as you wish. After this configuration, you can scan AP to choose the SSID you want to bridge. You are only allowed to bridge the CPE with same channel and same encryption type. Then Save & Apply. When use WDS mode, you are advised to configure each CPE with different IP address in case you are confused by CPEs.



P16 WDS Mode

3 Advanced Settings

3.1 System Status

In system status, you will see the firmware version, build time, System uptime...

System Status Operation Mode	5.8GHz Wireless Network Setting Management
5.8GHz Wireless Status LAN Status	
Firmware Version	B20160809120441
Build Time	20160809120441
System uptime	0Day 0H 4M 25S
	5.8GHz Wireless Status LAN Status Firmware Version Build Time



Click 5.8GHz Wireless Status, you will see the basic information of the CPE.

Quick Setup	System Status	Operat	tion Mode	5.8GHz Wireless	Network Setting	Management							
System Status		Status	LAN Status										
WLAN Status													
		5.8GH	Iz WLAN Statu	s AP(Enabled)									
			Channel-Ban	d 5GHz(AN) cha	5GHz(AN) channel149								
			SSI	D gh (Broadcast	gh (Broadcast)								
			BSSI	D 78:D3:8D:E9:F6:3	78:D3:8D:E9:F6:39								
			Encryptio	Open									
			MAC Addres	s 78:D3:8D:E9:F6:3	9								
			WDS AP Lis	t 78:D3:8D:D3:A9:	C2								
		Acces	ss Control Mod	e Allow All									
			Client Tabl	Client Table	Client Number[1]								

P18 5.8GHz Wireless Status

If want to check LAN status, pls check following picture

Quick Setup	System Status	Operation M	lode	5.8GHz Repeater	Network Setting	Management
System Status	5.8GHz Wireless	Status LA	N Status			
LAN Status						
			IP Addr	ress 192.168.188	3.253	
		8	Subnet M	lask 255.255.255	5.0	
		D	HCP Sei	rver Disabled		
		Μ	IAC Addr	ress 78:D3:8D:B	F:CE:C4	



3.2 Operation Mode:

Set operation mode manually, choose the right operation mode, then apply changes. The function of this part will be

same as Chapter 2.

Quick Setup Sys	tem Status	Operation Mode	5.8GHz Repeater	Network Setting	Management
Operation Mode					
Operation Mode					
O Gateway Mode			LAN ports s		ipposed to connect to internet via ADSL/Cable Modem. The NAT is enabled and to ISP through WAN port. The connection type can be setup in WAN page by us c IP.
Repeater Mode	;		are not supp	oorted.	dged together and NAT function is disabled. All the WAN related function and fire
O WISP Mode			is enabled a client mode using PPPC	and PCs in etherr first and connect DE, DHCP client of	
O AP Mode			In this mode related func		interface and cable interface bridging together. Without NAT, firewall and all net
					Apply Changes

P20 Operation Mode

3. 3 5.8GHz Wireless

A. 5Ghz Basic

In this part, user can configure the SSID, encryption type, password of the SSID. Intelligent Analysis will help you to

choose the best channel according to the current environment.

Quick Setup	System Status	Operation Mode	5.8GHz Wireless	Network Setting	Management
5.8GHz Basic	WDS Bridge Setting	5.8GHz Virtual AP	VLAN Setting	5.8GHz Access Control	I 5.8GHz Advanced
Wireless Basic	Settings				
		Statu	S ODisabled OE	Enabled	
		SSI	gh		(max 32 characters)
		AP Name	e		
		AP Location	n		
		Ban	5 GHz (AN) 🗸		
		Broadcast SSI	ODisabled OD	Enabled	
		WM	Disabled 🖲 E	Enabled	
Channel					
		Channel Widt	20MHz	\sim	
		Channel Numbe	r 149 - 5745MHz	Intelligent Analysis	
Security					
		Authentication	Open	\sim	
					Save & Apply



B.WDS Bridge Setting

Please refer to 2.6.

Quick Setup	System Status	Operation I	lode	5.8GHz Wireles	s Network Setting	Management	
5.8GHz Basic	WDS Bridge Setting	5.8GHz V	irtual AP	VLAN Setting	5.8GHz Access Control	5.8GHz Advanced	d l
WDS Settings							
	Wireless Ba	isic Settings	Authen	tication(Open)	Channel(149)		
		AP BSSID	78:D3:8	D:D3:A9:C2	ScanAP	AP Comment	
		AP BSSID			ScanAP	AP Comment	
		AP BSSID			ScanAP	AP Comment	
		AP BSSID			ScanAP	AP Comment	
🔥 The device:	s in WDS bridge mod	de should be	at the sa	me channel and	authentication(Open or V	WEP) type!	
							Save & Apply

P22 WDS Bridge Setting

C. 5.8Ghz Virtual AP

Please refer to Virtual AP setting in 2.2.

Quick Setup	System Status	Operation Mode		Network Setting	Management				
5.8GHz Basic	WDS Bridge Setting	5.8GHz Virtual AP	VLAN Setting	5.8GHz Access Control	5.8GHz Advanced				
Wireless VAP S	ettings								
		VAP Interface	Obisabled Of	Enabled					
		SSIE		(max 32 characters))				
		Broadcast SSI	ODisabled C	Enabled					
		WMM	ODisabled (Enabled					
		Authentication	Open	\sim					
		Key Length	🔿 Wep 64 Bit	O Wep 128 Bit					
		Cipher Suite							
		Key Forma	ASCII(5 characte	rs) 🗸					
		Key							
								Sav	ve & Apply Res
Statu	IS	Band	S SIE) (Broadcast SSID	Rate	WMM	Security	Edit
(Of	f) 11	NAHT40	Wireless	AP1	Enabled	Auto	Enabled	Open	0
_{il} (Of	f) 11	NAHT40	Wireless	AP2	Enabled	Auto	Enabled	Open	0
(Of	f) 11	VAHT40	Wireless	AP3	Enabled	Auto	Enabled	Open	0

P23 5.8Ghz Virtual AP

3.4 Management

A. Time Zone Setting

You can select the time zone. Sync with time server is only available under Gateway, WISP mode.

High-performance OutDoor 300M AP/CPE

Quick Setup	System Status	Operatio	on Mode	5.8GHz W	lireless	Network Sett	ing Mana	gement					
Time Zone Settin	Signal Tracking	Log	Upgrade	Firmware	Backup/	Restore Settings	Password						
Time Zone Setti	ng												
			Current Tin	1e 2015-01	-01 15:57:(06 Sync with hos	ŧ						
		Tim	e Zone Sele	ct (GMT+(08:00)Beijin	g, Chongqing, Hor	g Kong, Urumo	i	\sim				
				🗆 Er	nable NTF	client update							
			NTP Serv	er 🖲 19	2.5.41.41 -	North America	\sim						
				0.0	.0.0	(Manua	I IP Setting)						
				When de	evice runni	ng at 0:00 🗸 A	utomatic optim	zation syster	m				
												Save & Apply	Cancel
													-

P24 Time Zone

B. Signal Tracking

Scan AP first then start tracking the signal.

Time Zone Setting Signal Tracking Log Upgrade Firmware Backup/Restore Settings Password Signal Tracking
Signal Tracking
SSID yunlink-5.8G ScanAP
BSSID 78:D3:AD:C2 Stop Tracking
Signal Strength
Track Status Track Ongoing(Tracked 15 times)

A In the procedure of signal tracking, the unexpectable effects probably occur in Tx/Rx data transaction. Please press Stop Tracking button instantly after signal tracking!

P25 Signal Tracking

C. LOG

Enabled system log will help you to save the running history of the device. You can copy the log and submit to your

engineers.

Quick Setup	System Stati	s O	peration N	lode 5.8GHz W	Vireless	Network Setting	Management
Time Zone Setti	ng Signal T	racking	Log	Upgrade Firmwar	e Back	up/Restore Settings	Password
System Log							
				system log			
			Remot	e Log Server P		.]0	

P26 LOG

D. Upgrade Firmware

PIs click Upgrade Firmware, then browse and choose the firmware should upgrade, then click upgrade to upgrade the

firmware. After upgrading, please Reset the device to factory default.

Quick Setup	Syste	em Statu	IS Operation M	ode 5.8	BGHz Repeater	z Repeater Network Setting		Management	
Time Zone Setti	ing	Log	Upgrade Firmware	Save/R	eload Settings	Password			
Upgrade Firmwa	are								
			Firmw	are Version	B20150505203	256			
				Build Time	201505052032	56			
				Select File	e				Browser
🔥 Note:	do no	t powe	off the device	during th	ne upload be	cause it ma	y cras	h the system!	

P27 Firmware Upgrade

E. Backup

You are able to back up the current configuration and restore the configuration from files saved in PC. Reboot and Reset the CPE with just one click.

Quick Setup Sy	stem Status	Operation	Mode 4	5.8GHz Wire	less Network Setting	Management		
Time Zone Setting	Signal Trackin	ig Log	Upgrade	e Firmware	Backup/Restore Setting	Password		
Backup/Restore Sett	ngs							
		Backup S	Settings to F	ile Backup	Settings			
		Restore Set	tings from F	ile Restore	Settings		Browse	
		Restore Fa	ctory Defau	ults Reset S	Settings			
		S	ystem Rebo	oot System	Reboot			
		0	yotomreobe	ov oyutem				

P28 Backup

F. Password

Change the User Name and Password of Logging in

Quick Setup	System Status	Operation	Mode	5.8GHz Wire	less Netv	vork Setting	Management
Time Zone Setti	ng Signal Tracki	ng Log	Upgr	ade Firmware	Backup/Re	store Settings	Password
Password Setup							
			User	Name			
			New Pas	sword			
		Confir	med Pas	sword			
							Save & Apply Cance

P29 Password

Trouble Shooting:

F 1 The Failure phenomenon and solution

Failure phenomenon	Solution
SYS Indicator off	Pls make sure the PoE module connection is right. POE Port
	connect with CPE, LAN port connect with computer
Can't land to CPE through Web page	Pls check the IP address of computer and CPE to see whether they
	are in same networking segment, The method is click "start"-"Run"
	input"cmd", ping 192.168.188.253 to test the CPE connectivity.
	Reset CPE and load it again;
	Pls make sure the IP address 192.168.188.253 is not occupied by other device in CPE's networking;
	Check computer and cable problem, recommend to use 10/100M
	UTP unshielded cable;
	Clean up Arp binding from "Start"-"Run" input"cmd" arp –d
	Clean the IE Brower's temporary files and Cache file.
CPE can't connect with AP (the status display unconnected)	Try to scan the avaliable wireless networking again;
	Make sure the CPE's wireless standard (11b/g/n, 5.8G) is correct;
	The Security and passwords are matched between CPE and AP;
	The signal strength of AP is too weak to connect, should be more
	than -75dBm;
Can't scan the wireless AP	Scan it several times more;
	Make sure there are 5G signal existed.
	Reset the CPE, scan it again after CPE restart;
The connection of CPE and AP is	Pls Check the computer's IP address and DNS setting. If it is
success, but the computer can't share	dynamin, set the network card as automatically obtain. If it is static
internet	IP, pls contact with ISP for correct IP address and DNS address.
How to Reset CPE	Press the "Reset" button more than 15 seconds after power on. The
	CPE will restore factory default after the CPE restart.

Appendix A LICENSE STATEMENT / GPL CODE STATEMENT

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