## Quick Setup Guide, AP58V2 Access Point

AP58V2 Basic Information Login: user password: admin Default IP: 192.168.188.253

- 1. Set static IP address to your personal computer.
  - a. Go to Windows Settings



b. Go to Network and Internet menu

Settinga					
		W	indows Settings		
		Find a setting		P	
旦	System Display, sound, notifications, power		Devices Bluetooth, printers, mouse		Phone Link your Android, iPhone
۲	Network & Internet Wi-Fi, airplane mode, VPN	<	Click: Network and I	nternet	efaults, optional
8	Accounts Your accounts, email, sync, work, family	<b>A</b> ≠	Time & Lange Speech, region, dete	8	Gaming Game bar, DVR, broadcesting, Game Mode
Ģ	Ease of Access Narrator, magnifier, high contrast	0	Cortana Cortana language, permissions, notifications	A	Privacy Location, camera
$\sim$	Update & Security				

c. Click "status"

<li>Settings</li>		×
ŵ Home	Status	
Find a setting	Network status	
Network & Internet		
🗇 Status 🥄 1. Click: Status	Ethernet Private network	
¶⊒ Ethernet	You're connected to the Internet	
🕾 Dial-up	If you have a limited data plan, you can make this network a metered connection or change other properties.	
- WPN	Change connection properties	
Airplane mode	Show available networks	P Network Connections
810 Mobile hotspot	Change your network settings	🚽 🕂 🖗 = Network and Internet + Network Connections 🤍 Ö
Data usz     Z. Click: change     adapter options	Change adapter options View network adapters and change connection settings.	Change IP properties Network of ethernet adapter Network Opticies Tech
Proxy	Sharing options For the networks you connect to, decide what you want to share.	W-File Disable Date Date Date Date Date Date Date Dat
	Network troubleshooter     Diagnose and fix network problems.	3 items
	View your network properties	250

d. Double click Ethernet adapter icon, then click "Properties".



e. Enter static IP address information on your computer (as shown here on step 2 window), then hit OK.

I. double click TCP/IP4       Ethermet Properties         I. double click TCP/IP4       This connection uses         I. double click TCP/IP4       Image: All statement Pro- Image: All statement Pro- Pro- Image: All statement Pro- Image: All statement Pro- Image: All statement Pro- Image: All statement Pro- Pro- Image: All statement Pro- Pro- Image: All statement Pro- All statement Pro- Pro- All statement Pro- Pro- All statement Pro- All statement Pro- All statement Pro- Pro- All statement Pro-	s X bE Family Controller the Following tema: control Networks er Sharing for Microardt Networks Scheduler scal Version 4 (TCP/IPv4) Version 4 (TCP/IPv4) Version 6 (TCP/IPv4) Version 6 (TCP/IPv6) Version 6 (TCP/	ck here	Internet Protocol Version 4 (TCP/IP General Voi can get IP settings assigned as this capability. Otherwise, you neek of the appropriate IP settings. Obtain an IP address automatic Beddress: Subnet mask: Default gateway: Obtain DNS server address automatic But be the following DNS server a Preferred DNS server: Alternate DNS server: U Validate settings upon exit	vd) Properties tomatically if your network supports 5 to ask your network administrator ically 192 : 158 : 188 : 200 255 : 255 : 255 : 200 255 : 255 : 255 : 0 255 : 216 : 188 : 1 tomatically defenses: 8 : 8 : 8 : 8  Advanced	×	Enter static IP address as shown
wide area network across diverse inte	wide area network protocol that provides communication across diverse interconnected networks.           OK         Cancel		Ualidate settings upon exit	Advanced OK Cancel	4	

2. Interconnect your laptop and the AP58V2, either through a network switch or CAT6 cable between them.



3. Using an Internet browser, login to AP58V2 web login screen using the default credentials.



AP58V2 Basic Login Information Login: user password: admin Default IP: 192.168.188.253

- 4. Assign your own network static IP address based on the local private network scheme. Check with the local IT staff to confirm IP address that can be assigned to AP58V2 WIFI.
  - Status
     Wizard
     Advanced
     Exit
     Exercit
     registric

     Mode
     Super WDS
     Image: CPE
     Image: CPE
     Image: CPE
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     U S e r
     Image: CPE
     Image: CPE
     Image: CPE
     Image: CPE

     Image: CPU usage
     Suff Writeless settings
     Image: CPU usage
     Suff Writeless Settings

     CPU FrequencyS50MHz
     Suff WLAN off
     Image: CPU stage
     Suff Writeless S.8G
  - a. Double click the "LAN Settings" to being IP configuration.

b. Enter static IP address to AP, click "Apply" when finished. For reference purposes we will call this AP58V2 as your <u>AP-master</u> (or AP client for the second unit).



5. Repeat step# 2, this time using the second unit of AP58V2 device (for identification purposes, we will call it "AP Client"). Interconnections should look the illustration below.



6. Repeat step# 3 and 4. NOTE: at step# 4.b configure the IP address assigned for the <u>AP Client</u>.

- 7. After changing the local IP address of the AP client, repeat all of step# 1 but this time enter the correct private network IP address on your computer.
- 8. Using an Internet browser, login to AP58V2 web login screen of AP master using the default credential, but this time enter the new IP address of the <u>AP58V2 WIFI device (AP master)</u>.
- 9. Configure and enable the "Wireless 5.8G" of the AP58V2 (AP master).

9		Status Wizard		t 简体中文	English
Mode Super WDS				Ф	Reboot
	5.8G Wireless settings		Х		
	Wireless Status	$\triangleleft$			
User	SSID VAP0			CPE	
	Broadcast SSID 🔘 Disable 🖲 En	nable			
	WMM 💿 Disable 🖲 En	nable			
	Band Width 40MHz		~		
	Channel * 5.745 GHz	r (Channel 149)	~		
Running time 3H18M12S	Encryption none		∽ ersion C	PE880-V2.0-Build2017110	03142427
PU usage 5.8G Wi		oply	SI	uper WDS settings	
		ppy			
10%	( 5.8G ) A	ı ت			i > i
CPU Frequency:550MHz	5.8G WLAN off	192.168.18 44:D1:FA·22	8.253 :82:A5	Wireless 5.8	G

10. Find and record the Ethernet address (MAC address) of <u>each AP58V2</u> on a notepad to make it easier for you to cross-reference these addresses before configuring the Super WDS function of the AP58V2 in a later steps. MAC address (Ethernet address) can be found by going to "Advanced → Device Status → Wireless Status" menu.

H Advanced Settings							
Return home	Status Wireless Status LAN Status						
Device Status	Wireless Status						
5.8G Wireless	Wireless Status Enable						
Network	SSID TEST						
🗂 Management	MAC 44:D1:FA:22:82:A7 MAC address						
	Channel 100						
	Connected Users Client list						
	Super WDS state						
	Encryption open						
	MAC1						

11. This is the concept how the two AP58V2 are interconnected through the SuperWDS so that the AP master can share the Internet to the remote (client) AP.



12. To start setting up the SuperWDS function on the AP (master), click "Advanced" Tab from the main menu screen. Click "SCAN AP". Find and select the AP Client, then click "Choice". This is the part where you should know the MAC address of your AP58V2, to easily determine which one is master or client AP.





	×					
← → C (1) 192.168.1.8	0/wds_status.html			☆ 🖩 :		
👆 Super WDS		X		5		
First:WDS Setting Super WDS sett	ings	e				
SSID	Wireless 5.8G					
Band Width	20MHz/40MHz	Channel	* 5.745 GHz (Channel 149)	V wireless analyzer		
MAC1	44:D1:FA:22:82:65	Scan AP MAC2		Scan AP		
MAC3		Scan AP MAC4		Scan AP		
Encryption	Ethernet address from AP Client (WIELMAC address)	<b>V</b>				
		AP Location				
		Back Next	•			
	AP Master					

13. Login to AP client web interface and repeat Step# 12, but this time "Scan AP" and look for the AP master MAC address, then click next and finish the prompt.

Warning: You need to unplug the AP client's network cable from the network switch after you are done with this step.



Unplug AP Client from the switch after you're done with step# 13

14. In order to test if your AP client can communicate with the AP master, interconnect your computer to the AP client, as shown below:



Note: While the AP client is unplugged to the main network switch(or firewall/router), the two AP58V2 would have a setup as shown below:



- 15. Launch command prompt from your Windows computer.
  - a. Launch the Command Prompt using search (in Windows 10, Windows 7, and Windows 8.1).



b. While at the command prompt, type ping 192.168.1.80 (or whatever is the IP address of the AP master). You must get a "response" from the AP master to confirm that the AP client can communicate with the AP master. The result of the ping should look like this:

