



User manual Access Point

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# 1. Access to the AP interface

Set the computer's IP address: 192.168.1.23 (example), subnet mask: 255.255.255.0 The default IP address of the AP is 192.168.1.2, the default password is admin.

Administrator Lo	gin	
Default Password	is 'admin'	
English		
Forget Your Pass	word?	
	Login	

#### 2. Network Status (Dashboard)

Wint of the set								K Over Welcome Admin @ 1346	100
lord more and an analysis of the second state	Dashboard	WAN Protocol static	0	Wireless Info Country Code: CN	(16)	Radio Status 2.46 Radie Mode: 802.11bgn	246 55	System Info Working Mode: FR AP	
Norm: UNADE VIEW NUCLEAR DE LA COME NUCLEAR DE L	Ázərd KAN	Ostewsy: 0.0.0.0 IP Address: 192.168.1.2 Netmask: 255.255.255.0 DNS: 0.0.0.0		Max Associated STA Weak Signal Rejection Number of User(2.4G 2.4G Power: auto	128 <b>a Threshold</b> -95 Ic 0	2.46 Channel/Proquency: 1/2412 5 2.46 Current Rate: 144.4MER/s 2.46 Noise: -95 dim 2.46 CCQ	94/94(100.0%)	Product Name: AP Serial Number: Version: v4.3.build20190614-4a5e831 Hardware Model: AP	
An address of the set of th	ineless Wi Schedule	169 Addreas: 169.254.15.221		2.4G Bandwidth HT3 2.4G Channel auto	0			Running Time: 07h 18min 035 System Time: 1970-01-01 15:18:03 MAC Address:	
	-D	AP Cloud Sartistre		Real Time Flow Char	t -O-Usstreawikkes) -<	Downstream/kbosi		System Load	
SED     II forzysten     Parend     SID Hole     Network     KAN       Weilwa, 240, 001     0116     7116     No     241     Defail VAN       Weilwa, 56, 001     0116     7116     No     241     Defail VAN	stem franced		g the current	1 0.5 0.4 0.2 0 822.09 8.22	11 32213 32215 32217	122219 122221 122221 122225	822.27	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1
Ministry,242,001         OTH         Promotifies         NO         2.46         Defail VAR           Winistry,52,007         OTH         Promotifies         AO         56         Defail VAR		5510	11	Encryption	Password	© SSID Hide	© Network	= VLAN	
Winder, SS, STOT CPUN Present Into SS Default VLAX		Wireless_2.4G_0FDF		OPEN	Password-less	NO	2.46	Default VLAN	
		Wireless_SG_OFDF		OPEN	Password-less	ND	sg	Default VLAN	

• WAN: Shows information about the AP's network configuration, WAN and LAN ports IP address, gateway address, subnet mask and DNS. (Address 169: it is the IP address automatically assigned to the AP when DHCP is not assigned).

• Wireless info: Shows the 2.4G and 5G wireless information of different countries, the maximum number of connections, the handover roaming threshold, the power, the bandwidth and the channel.

• Radio status: Show 2.4G and 5G wireless protocol mode, channel / frequency, wireless speed, noise and link quality.

• System info: Shows the operating mode, the device model, the firmware version, the execution time and the MAC address.

• Real Time Flow Chart: Indicates the current upstream and downstream speed of the AP.

• System load: Indicates the use of the CPU and memory, the use of the session

• SSID: Shows the information of different configurations of multiple SSIDs

• **DHCP client:** Shows a list of IP addresses assigned by the AP to the terminal. Available only for wireless routing modes.

• Wireless terminal station: Displays the list of clients currently connected to the AP.

## 3. Wizard

Step by step guide to configure your AP

di Dathhoard	Wizard	
Wizard	1. Select Work Model 2. Select Network Protocol	ork 3. WAN Configuration 4. Wireless 5. Confirm
😔 wan	NoteSwitching mode will cause part	t of the configuration to restore to the default state
@ Wireless		Los de companyantes o restore to secondar subc
WiFi Schedule	equi	eless coverage mode, support multi SSID, 602.1Q VLAN, seamless roaming, user illibrium (need Access controller)
V LED	OWireless Router Mode WA1	N port for wired connection, LAN port for wireless connection, WAN port support 20E, fixed IP, automatic access.
Access Controller		Dark Mart
🔅 System		
Ø <sup>©</sup> <sub>0</sub> Advanced ♥		

## 3.1 First step

Select the working mode for your AP ("Fit AP") is the default mode. \* Note: DHCP service cannot be enabled in this mode. DHCP will be handled by your router.

• In AP Mode (default mode): The AP is connected to the router and will act as a wireless access point. For better performance and control options, you can connect to an AC controller (sold separately). For more details, refer to the gateway manual.



Select the network protocol (DHCP or Static).

**Note:** The default IP address of the AP (192.168.1.2) will be changed to the IP address selected during this step.

• WAN Configuration: You can set the DNS.

• Wireless setup: You can change the SSID name and encryption mode and go to "Wireless Settings" to change the detailed setup

· Confirm that the setup is complete.

**Note:** Once you have changed the default IP of the AP, you will need to log in with the newly assigned IP. If the settings were "static", use the static IP address assigned to the unit. If the settings were "DHCP", log in to the router which is assigning the IP to this AP unit and search the IP assigned to the AP by searching the MAC address of the AP from the router's connected device list.

#### 3.2 Wireless router mode (If supported)

The WAN port of the AP will be connected directly to the MODEM. Start the DHCP service of the AP.



• Select the network connection mode: select the type of Internet service to which you have subscribed with the ISP (DHCP, Static, PPPoE).

• **Configure the external network:** DHCP: IP, subnet and Gateway will be assigned automatically by your ISP. Static IP: Enter the IP, subnet and gateway information provided by your ISP. PPPoE: Enter the ID and password provided by your ISP.

• **Configure the wireless network:** Change the SSID name and encryption mode and go to "Wireless Settings" to change the detailed configuration.

· Confirm that the setup is complete.

**Note:** When wireless routing mode is selected, the IP address of the AP will be changed to 192.168.11.1 and the DHCP service will be enabled.

#### 4 WAN settings

Configure the AP to connect to the WAN: DHCP, static IP, PPPoE are supported.

**Note:** If you have previously followed the configuration process using the wizard, you do not need to configure these options again.

A Dashboard	WAN			
Wizard		PPPoE	Dynamic IP	Static IP
🥥 WAN				
🗇 Wireless		PPPoE Username	PPPoE Username Required	
WiFi Schedule		Password	Password Required	
V LED			Dial	
Access Controller				
System				
Q <sup>0</sup> <sub>0</sub> Advanced				

#### 5 Wireless settings

Configure the 2.4CHz and 5CHz wireless settings by entering SSID and encryption methods. Note: If you have previously followed the configuration process using the wizard, you do not need to configure these options again. If you need more SSIDs, you can go to the "Advanced" tab and set the additional SSID names.

di Dubbard	Wireless	
- Cushbard	2.4G WLAN Configu	uration
2 Wizard		
🚱 WAN	Enable Wireless	
Quéatas	Hide SSID	
A. MILBERS	SSID	Wireless_2.4G_0FDF
② WiFi Schedule	Encryption	OPEN -
♀ LED	5G WLAN Configur	ation
Access Controller		
👶 System	Enable Wireless	
	Hide SSID	
OS Advanced	SSID	Wireless_5G_0FDF
	Encryption	OPEN -
		Save/Apply

## **6** WiFi planning

You can set up a WiFi availability schedule by entering the start and end times for each day of the week by enabling the "WiFi Schedule" option. If not enabled, WiFi will always be available

	WiFi Schedule
A Dashboard	
🛃 Wizard	W/Fi Schedule
🥥 WAN	Repeat Monday Tuadday Walchedday Thursday Saturday Sunday
Twireless	Start Time 06:00
Wifi Schedule	Stop Time 22:00
V LED	Save/Apply
Q Access Controller	
the second control of	
System	
🔅 Advanced 💙	

# 7 LED

The LED light on the AP can be "ON" or "OFF"

all waters	LED
Wizard	Immediately Switch LED Off
WAN	Wifi Schedule
🗇 Wireless	Repeat Macalay Taiwaday Thursday Riday Saturday Sinday Sinday
② WiFi Schedule	Start Time         0600           Stop Time         22:00
V LED	Save/Apply
Access Controller	
System	
Q <sup>0</sup> <sub>0</sub> Advanced	

#### 8 AC Management (Controller)

Cloud Direct or Cloud Managed Centralized Gateway Options

#### 8.1 Centralized Management

By default, the AP is managed through a Gateway Appliance which offers centralized and quick management of multiple AP units. Refer to the AP Management section of the Gateway User Manual.

← → ♡ @ ○	192.168.1.2/wc/			□ ☆ 1	\$ L B	
			AC Dea	Welcome,Admin	CANG (+ Logout	t
	Access Controller					
W Dashooand						
Wizard	Product Name	AP				
🥥 WAN		The Name of the Device				
(Control Wireless	AC Address	Premain or Address of AC				
Wifi Schedule		Save/Apply				
♀ up						
Access Controller						
System						
Q <sup>0</sup> <sub>0</sub> Advanced 💙						

#### 8.2 Cloud Management

When this option is checked, the AP is registered directly on the cloud server (http://165.22.140.64). Once you have created your user account on the site, you will be assigned a binding code which must be used to associate the AP with your cloud account. You will now be able to manage your APs via the Cloud account. For a detailed explanation, refer to the Cloud Account Guide.

	Device Name And Coordinates Configuration	
A Dashboard		
Wizard	Device ID	
😔 WAN	Binding Code	1
🗇 Wireless		Enter your binding code obtained from the cloud
WiFi Schedule	Product Name	AP The name of this device will be displayed in your cloud account to identify the device
V LED	Longitude	
In cloud	Latitude	
🔅 System		Save/Apply

#### 9 System Settings

**9.1 Change password:** to change the password, enter the old password, enter the new password, confirm the new password and click "Save / Apply" to make the changes.

**9.2 System update:** In this section you can update the firmware (manually from a local file or via the cloud update), save and import configuration files and restore factory settings.

#### 9.2.1 Firmware update

- · Click "Select" to manually update from a downloaded firmware file.
- · Click "Check Upgrade" to check and upgrade from a cloud server when new firmware is available.

#### 9.2.2 Configuration Management

- · Click on "Save Config" to save the current AP configuration on a local PC.
- · Click on "Import Config" to restore a configuration saved in the AP.
- · Click "Restore Default" to restore all settings to the factory default state on the AP

# 9.2.3 AP reboot

Click "Confirm to Reboot" to reboot the AP

	System	
A Dashboard		
Wizard	Change Password	
WAN	Old Password Old Password Required	
🛜 Wireless	New Password Required	
WiFi Schedule	Confirm Password Confirm Your New Password	
LED LED	Save/Apply	
Access Controller		
🗘 System	System Upgrade	
😋 Advanced 🗸	Firmware Upgrade A select QCheck Upgrade	
	Current Version: v4.3.build20190614-4a5e831	
	Config Asave Config Almport Config Restore Defau	ult
	After the configuration is restored, it is necessary to restart the device manually to take effe	iect.
	Reboot Confirm To Reboot	

## **10 Advanced Settings**

#### 10.1 DHCP Server

If enabled, it will automatically assign IP addresses to connected devices.

(Feature available on supported models and applicable only when the AP mode is set to "Wireless Router Mode")

The second second	DHCP Server	
A Dashboard		
Wizard	Enable DHCP Server	
🥥 WAN	DHCP Pool Start	100
🗇 Wireless	DHCP Pool Size	150
WiFi Schedule	DHCP Lease Time	60
V LED	Duiners DNC Course	Lesse TimeMinute
Access Controller	Secondary DNS Server	0000
A 1	Secondary Division of	Save/Apply
System		
Q <sub>0</sub> <sup>o</sup> Advanced		
> DHCP Server		
> Multiple SSID		
> RF Parameter		
> PING-WatchDog		
> Scheduled Reboot		
> System Time		

## **10.2 Multiple SSID Settings**

Ability to create or delete multiple SSIDs for the AP in the 2.4GHz or 5GHz bands

	Multiple SSID						
督 Dashboard	Add Wireless Signal						Add OApply
Wizard							
@ WAN	SSID	Encryption	Password	SSID Hide	Network	VLAN	Operation
(C) Wreless	Window KC ADM	OPIN		ND	240	Default VCAN	Breese
0	WIEBS_33_0F0F	UTEN		NU	10	DENILITIAN	Breeze
<ul> <li>With schedule</li> </ul>							
₽ LED							
Access Controller							
O System							
Q <sup>6</sup> <sub>0</sub> Advanced							
> DHCP Server							

Click on "Add", select the 2.4G or 5G network channel, enter the required SSID and password, select "YES" or "NO" in "Hide SSID" to display or not the SSID and fill in the "VLAN Bind "if necessary, then click" Submit ".

	icuse enter new micless monnution			
Network	2.4G			
SSID	SID Required			
Encryption	WPA2-AES			
Password	Length of password is at least 8			
Hide SSID	NO			
VLAN Bind	0			
	0 means to add to the default VL	AN		

# 10.3 RF parameters

	Radio	
🕋 Dashboard		
Wizard	Country	-
🚱 WAN	County	Note:Switching national regions can affect the available channels, and you may not be able to connect will if it is different from the history level network channel in the rt words.
🛜 Wireless	Enable WMM	
WIFI Schedule	User Isolation	
V LED	Max Associated STA	128
O Access Controller	Beacon Interval	128
Y ALLESS CONDUMER		Unitens
System	RTS/CTS Threshold	2347
AD		Unit:bytes,default:2347
SQ5 Advanced	Weak Signal Rejection Threshold	-95
> DHCP Server		Unit:dBm, Suggestive value: 45, Max: 45, Min: 95
> Multiple SSID	2.4G Channel	AUTO
> RF Parameter	2.46 Bandwidth	HT20 HT40 HT40+ HT40- AUTO
> PING-WatchDog	2.4G TxPower	AUTO -
		Unit of Powerst8m
Scheduled Reboot	5G Channel	AUTO
> System Time		
	5G Bandwidth	HT20 HT40 HT40+ HT40- HT30 AUTO
	5G TxPower	AUTO
		Unit of PowersdBm
		Save/Apply

• Country: Select the corresponding country where the device is located.

• WMM: Wi-Fi Multimedia, when "Enabled", will provide the basic Quality of Service (QoS) functions. WMM prioritizes traffic based on four access categories (AC): voice (AC\_VO), video (AC\_VI), best effort (AC\_BE), and background (AC\_BK). However, it does not provide the guaranteed bandwidth range. It is suitable for well-defined applications that require QoS, such as Voice over IP (VoIP) on Wi-Fi phones.

• User Isolation: It is recommended to activate this function only if necessary, as if activated, all terminal devices connected via Wi-Fi will not be able to access each other after connection.

• Max Associated STA: Limit the number of devices that can connect to this AP, 40-50 is recommended.

• Beacon Interval: The Beacon Interval could help your WiFi network maintain connection with other devices. It is recommended to keep the default values.

• **RTS/CTS Threshold:** The wireless AP sends request to send (RTS) frames to a particular receiving device and negotiates the sending of a data frame. After receiving an RTS, the device responds with a Clear to Send (CTS) frame to acknowledge the right to initiate transmission. It is recommended to keep the default values.

• Weak Signal Rejection Threshold: The AP will reject the connection to any wireless device that tries to connect with a signal strength lower than the set value.

• 2.4G / 5G Channel: 2.4G / 5G frequencies support automatic adaptation to allowed wifi channels according to the selected country code.

• 2.4G Bandwidth: Support 20/40/40 + / 40- MHz

• 5G Bandwidth: 20/40/40 + / 40- / 80MHz

•2.4/5G TxPower: 2.4G supports up to 27dBm and 5G supports up to 23dBm.

## 10.4 PING-WatchDog

After the function has been enabled, the AP can perform line detection and perform preset actions.

	PING-WatchDog	
A Dashboard		
🔁 Wizard	Enable Ping Watchdog	
@ WAN	Address	192.168.11.1
Twireless		IP or Domain
0	Interval of checking	60
() Wei schedule		Interval, unitsec, suggest/60
V LED	Number of Failure	3
		Selected action initiated after number of failures indicated.Suggesdted value 3
Access Controller	Ping Timeout	2
🔅 System		Ping Timeout, Suggested value:2
	Action	Reboot Close wireless Restart Network Enable Rescue SSID NO Action
SQL Advanced		2000, RESCUE password: 99999999.
> DHCP Server		Save/Apply
> Multiple SSID		
DE Darameter		
P Falameter		
> PING-WatchDog		
> Scheduled Reboot		
> System Time		

• Watchdog monitoring address: The AP performs the PING test on the address or domain name

• Interval of checking: Ping test interval (unit: second)

• Number of failure: Ping checks the number of consecutive failures and takes actions. The suggested value is 3.

• Ping Timeout: maximum ping time (unit: second)

#### Watchdog monitoring action:

- Reboot: Reboot the device

- Turn off wireless: 2.4G and 5G wireless signals are turned off

- Restart the network: Restart the network ports

- Open RESCUE SSID: Increase the wireless RESCUE SSID, name format: RESCUE\_99\_XXXX, password: 99999999

- No action: No action

## 10.5 Scheduled Reboot:

When this feature is on, the AP can be set to auto reboot daily, weekly or monthly according to the schedule created.

Scheduled Reboot	
Reboot Cycle	Every Day
Reboot Time	00:00
	Save/Apply

## 10.6 System time

When "NTP (Network Time Protocol)" is enabled, the AP will synchronize the system time installed based on the geographical location. Internet connection required.

	PING-WatchDog	
# Dashboard		
Wizard	Enable Ping Watchdog	
🚱 WAN	Address	192.168.11.1
🐡 Wireless		IP or Domain
0	Interval of checking	60
WiFi Schedule		Interval, unitsec, suggest60
V LED	Number of Failure	3
O Arrest Controller		Selected action initiated after number of failures indicated.Suggesdted value 3
<ul> <li>Access controller</li> </ul>	Ping Timeout	2
🔅 System		Ping Timeout, Suggested value:2
- 10 m	Action	Reboot Close wreless Restart Network Enable Rescue SSID NO Action If the exemitened address can not be alonged the conservation will be exercised RESCUE CSID format RESCUE 00
Q <sub>0</sub> Advanced		2000, RESCUE password: 99999999.
> DHCP Server		Save/Apply
> Multiple SSID		
> RF Parameter		
> PING-WatchDog		
Scheduled Reboot		
> System Time		

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# 1. Accesso all'interfaccia dell' AP

Impostare l'indirizzo IP del computer: 192.168.1.23 (esempio), subnet mask: 255.255.255.0 L'indirizzo IP predefinito dell'AP è 192.168.1.2, la password predefinita è admin.

Administrator Log	ain	
Default Password	is 'admin'	
English		
Forget Your Pass	word?	
	Login	

## 2. Stato della rete (dashboard)

	=					44 Outo Welcome,Admin Q L	ANG De Lo
	WAN	O Wireless	fo 246 55	Radio Status	846 55	System Info	
ashboard Azərd Ann Aneless Aff Schedule	Protocol static Generacy: 0000 IP Address: 199,1081.2 Netmark: 23.233.2300 DRS: 0000 169 Address: 109.254.15.223	Country Country Max Asso Weak Sig Number o 2.4G Band 2.4G Band 2.4G Char	der CN anded STA 100 a Rejection Threshold -95 Uerrit Adit, 0 t subo deth. http:// el.subo	2.46 Radio Mode: 802.11bgn 2.46 Channel/Frequency: 1/2412 2.46 Current Rate: 144.4418/s 2.46 Noise: -90 dim 2.46 CCQ	94/94(103.0%)	Working Mode: (FLAP Product Name: AP Serial Number: Version: v:ALauk20190618-4666831 Hardware Mode: AP Running Time: 07h Hami Ols System Time: 1970-101 (SLE0) MAC Address:	
D toess Controller ratem	AP Cloud sureased	Real Time	Flow Chart	🔿 Downstream(Abpd)		System Load	31500
hunced		0.6 0.4 0.2- 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	9 82811 82813 82815 82817	1022119 102221 102228 102228	122.47	0 0 0 0 0 0 0 0 0 0 0 0 0 0	
	5510	11 Encryption	Password	9 SSID Hide	Network	VLAN	
	Wireless_2.4G_OFOF	OPEN	Password-less	NO	2.40	Default VLAN	
	Wireless 5G OFDF	OPEN	Password-less	NO	56	Default VLAN	

• WAN: Mostra le informazioni sulla configurazione di rete dell'AP, l'indirizzo IP delle porte WAN e LAN, l'indirizzo del gateway, la subnet mask e il DNS. (Indirizzo 169: è l'indirizzo IP assegnato automaticamente all'AP quando non avviene l'assegnazione del DHCP).

• Wireless info: Mostra le informazioni wireless 2.4G e 5G dei diversi paesi, il numero massimo di connessioni, la soglia di handover roaming, la potenza, la larghezza di banda ed il canale.

• Radio status: Mostra la modalità del protocollo wireless 2.4G e 5G, il canale / frequenza, la velocità wireless, il rumore e la qualità del collegamento.

• System info: Mostra la modalità in funzione, il modello del dispositivo, la versione del firmware, il tempo di esecuzione e l'indirizzo MAC

- Real Time Flow Chart: Indica la velocità attuale upstream e downstream dell'AP.
- System load: Indica l'utilizzo della CPU e della memoria, l'utilizzo della sessione.
- SSID: Mostra le informazioni delle diverse configurazioni degli SSID multipli.

• **DHCP client:** Mostra un elenco di indirizzi IP assegnati dall'AP al terminale. Disponibile solo per modalità di routing wireless.

• Wireless terminal station: Visualizza l'elenco dei client attualmente connessi all'AP.

#### 3. Procedura guidata

Guida passo passo per configurare il tuo AP.

di Subburi	Wizard					
Wizard	1. Select Work	Model 2. Select N	3. WAN Configuration	4. Wireless	5. Confirm	
😔 WAN		Protocol				
The Wireless	Note:Switch	ing mode will cause	part of the configuration to restore t	o the default state		
WiFi Schedule	OTIL AP N	100e	equilibrium (need Access controller)	UIU 5510, 802.1Q YDAN, S	eamiess roaming, user	
₽ LED	OWireless	s Router Mode	WAN port for wired connection, LAN PPPOE, fixed IP, automatic access.	I port for wireless connec	tion, WAN port support	
Access Controller					Back	Next
System						
OG Advanced						

## 3.1 Primo passo

Seleziona la modalità di lavoro per il tuo AP ("Fit AP") è la modalità predefinita. \* Nota: il servizio DHCP non può essere abilitato in questa modalità. Il DHCP verrà gestito dal tuo router.

• In Modalità AP (modalità predefinita): l'AP è connesso al router e fungerà da punto di accesso wireless. Per prestazioni e opzioni di controllo migliori, è possibile connettersi a un controller AC (venduto separatamente). Per ulteriori dettagli, fare riferimento al manuale del gateway.



· Seleziona il protocollo di rete (DHCP o Statico).

Nota: l'indirizzo IP predefinito dell'AP (192.168.1.2) verrà modificato nell'indirizzo IP selezionato durante questo passaggio.

• Configurazione WAN: è possibile impostare il DNS.

• **Configurazione wireless:** è possibile modificare il nome SSID e la modalità di crittografia e andare su "Impostazioni wireless" per modificare la configurazione dettagliata.

· Confermare che la configurazione è stata completata.

**Nota:** una volta modificato l'IP predefinito dell'AP, sarà necessario accedere con l'IP appena assegnato. Se le impostazioni erano "statiche", utilizzare l'indirizzo IP statico assegnato all'unità. Se le impostazioni erano "DHCP", accedere al router che sta assegnando l'IP a questa unità AP e cercare l'IP assegnato all'AP cercando l'indirizzo MAC dell'AP dall'elenco dei dispositivi collegati del router.

# 3.2 Modalità router wireless (Se supportata)

La porta WAN dell'AP sarà connessa direttamente al MODEM. Avviare il servizio DHCP dell'AP.



• Selezionare la modalità di connessione di rete: selezionare il tipo di servizio Internet a cui si è abbonati con l'ISP (DHCP, Statico, PPPoE).

• **Configurare la rete esterna:** DHCP: IP, subnet e Gateway verranno assegnati automaticamente dal tuo ISP. IP statico: inserire le informazioni su IP, subnet e gateway fornite dal proprio ISP. PPPoE: inserisci l'ID e la password forniti dal tuo ISP.

• **Configurare la rete wireless:** modificare il nome SSID e la modalità di crittografia e andare su "Impostazioni wireless" per modificare la configurazione dettagliata.

· Confermare che la configurazione è stata completa.

**Nota:** quando è selezionata la modalità Routing wireless, l'indirizzo IP dell'AP verrà modificato in 192.168.11.1 e il servizio DHCP sarà abilitato.

#### 4 Impostazioni WAN

Configurare l'AP per connettersi alla WAN: DHCP, IP statico, PPPoE sono supportati. Nota: se in precedenza hai seguito il processo di configurazione utilizzando la procedura guidata, non è necessario configurare nuovamente queste opzioni.

A Dashboard	WAN			
		PPPOE	Dynamic IP	Static IP
🖬 wizard				
@ WAN			Username and Password Required	
🐡 Wireless		PPPoE Username	PPPoE Username Required	
WiFi Schedule		Password	Password Required	
V LED			Dial	
Access Controller				
O System				
Q6 Advanced				

#### 5 Impostazioni Wireless

Configurare le Impostazioni wireless 2.4GHz e 5GHz inserendo SSID e metodi di crittografia. Nota: se in precedenza hai seguito il processo di configurazione utilizzando la procedura guidata, non è necessario configurare nuovamente queste opzioni. Se hai bisogno di più SSID, puoi andare alla scheda "Avanzate" ed impostare i nomi SSID aggiuntivi.

di pubbuud	Wireless	
- Disposid	2.4G WLAN Configu	Iration
Wizard		
😔 WAN	Enable Wireless	
The Wireless	HIDE 25ID	Wireless 2.4G DEDE
WiFi Schedule	5310	
0	Encryption	OPEN
A rep	5G WLAN Configur	ation
Access Controller	Enable Wireless	
System	Hide SSID	
© Advanced ✓	SSID	Wireless_5G_0FDF
	Encryption	OPEN .
		Save/Apply

# 6 Pianificazione WiFi

È possibile impostare una pianificazione della disponibilità del WiFi inserendo gli orari di inizio e fine per ogni giorno della settimana abilitando l'opzione "WiFi Schedule". Se non è abilitata, il WiFi sarà sempre disponibile.

	WiFi Schedule
- Dashboard	
Wizard	W/Fi Schedule
C WAN	Repeat Money Tuesday Manager
→ wweess     → weistcheckele	Stop Time 22:00
Q IED	Save/Apply
Access Controller	
O System	
Q <sup>0</sup> <sub>0</sub> Advanced ✓	

# 7 LED

La luce LED sull'AP può essere "accesa" o "spenta"

	LED
Wizard	Immediately Switch LED On LED Off
🚱 WAN	WiFi Schedule
🐡 Wireless	Repeat Monitor Tuester Windowsky Thunday Finder Statutory Sunday Start Time 06:00
② WiFi Schedule	Stop Time 22.00
LED     Access Controller	Save/Apply
🔅 System	
Q <sup>0</sup> <sub>0</sub> Advanced	

# 8 Gestione AC (Controller)

Opzioni di Gateway centralizzato Cloud Direct o Cloud Managed.

## 8.1 Gestione centralizzata

Per impostazione predefinita, l'AP è gestito tramite un Apparato Gateway che offre una gestione centralizzata e rapida di più unità AP. Fare riferimento alla sezione relativa alla gestione degli AP del Manuale utente del gateway.

$\leftarrow$ $\rightarrow$ O $\otimes$ 0.192.168.12/oc/			□ ☆	± 2 1	ef
=			Court Welcome,Admin	Q LANG (4	Logout
Access Contr	roller				
Wined					
O WAN	Product Name	AP The Name of the Device			
The Winders	AC Address				
<ul> <li>WiFi Schedule</li> </ul>		Domain or Address of AC Save/Apply			
V LED					
Access Controller					
System					
O <sub>0</sub> <sup>0</sup> Advanced					

## 8.2 Gestione cloud

Quando questa opzione è selezionata, l'AP viene registrato direttamente sul server cloud (http://165.22.140.64). Dopo aver creato il tuo account utente sul sito,ti verrà assegnato un codice vincolante che dovrà essere utilizzato per associare l'AP al tuo account cloud. Ora sarai in grado di gestire i tuoi AP tramite l'account Cloud. Per una spiegazione dettagliata, fare riferimento al Manuale dell'account cloud.

	Device Name And Coordinates Configuration	
A Dashboard		
Wizard	Device ID	
🥥 WAN	Binding Code	1
🗇 Wireless		Enter your binding code obtained from the cloud
WiFi Schedule	Product Name	AP The name of this device will be displayed in your cloud account to identify the device
V LED	Longitude	
Cloud	Latitude	
🔅 System		Save/Apply

#### 9 Impostazioni di Sistema

**9.1 Modifica password:** per cambiare la password, inserire la vecchia password, inserire la nuova password, confermare la nuova password e cliccare su "Save / Apply" per apportare le modifiche.

9.2 Aggiornamento sistema: In questa sezione è possibile aggiornare il firmware (manualmente da un file locale o tramite l'aggiornamento cloud), salvare e importare i file di configurazione e ripristinare le impostazioni di fabbrica.

# 9.2.1 Aggiornamento firmware

· Cliccare su "Select" per eseguire l'aggiornamento manuale da un file del firmware scaricato.

• Cliccare su "Check Upgrade" per verificare e aggiornare da un server cloud quando è disponibile un nuovo firmware.

## 9.2.2 Gestione Configurazione

· Cliccare su "Save Config" per salvare la configurazione corrente dell'AP su un PC locale.

· Cliccare su "Import Config" per ripristinare una configurazione salvata nell'AP

• Cliccare su "Restore Default" per ripristinare tutte le impostazioni allo stato predefinito di fabbrica sull'AP.

#### 9.2.3 Riavvio AP

Fare clic su "Confirm to Reboot" per riavviare l'AP

🖌 Dashboard	System		
Wizard		Change Password	
🕽 wan		Old Password	Old Password Required
🛜 Wireless		New Password	New Password Required
WiFi Schedule		Confirm Password	Confirm Your New Password
LED			Save/Apply
Access Controller			
System		System Upgrade	
& Advanced	e	Firmware Upgrade	Select QCheck Upgrade
		Current Version: v4.3.build2	20190614-4a5e831
		Config	Save Config Almport Config Restore Default
		After the configuration is re	stored, it is necessary to restart the device manually to take effect.
		Reboot	Confirm To Reboot

## **10** Impostazioni Avanzate

#### 10.1 Server DHCP

Se abilitato, assegnerà automaticamente indirizzi IP ai dispositive connessi.

(Funzione disponibile sui modelli supportati ed applicabile solo quando la modalità dell'AP è impostata su "Wireless Router Mode")

Transmission (Sec.)	DHCP Server	
Tashboard		
Wizard	Enable DHCP Server	
🥥 WAN	DHCP Pool Start	100
🗇 Wireless	DHCP Pool Size	150
WiFi Schedule	DHCP Lease Time	60
LED		Lease Time/Minute
Access Controller	Primary DNS Server	0000
Access controller	Secondary DNS Server	Save/Apply
🐼 System		
Q <sub>6</sub> <sup>o</sup> Advanced		
> DHCP Server		
> Multiple SSID		
> RF Parameter		
> PING-WatchDog		
> Scheduled Reboot		
> System Time		

## 10.2 Impostazioni SSID multipli

Possibilità di creare o eliminare SSID multipli per l'AP nelle bande 2.4GHz o 5GHz

	Multiple SSID						
督 Dashboard	Add Wireless Signal						Add Apply
Wizard							
@ WAN	SSID	Encryption	Password	SSID Hide	Network	VLAN	Operation
(Control and Control and Contr	Westers 240,000	OPIN		NO	240	Default VIAN	Bores .
0							Brenn
<ul> <li>WHI Schedule</li> </ul>							
♀ LED							
Access Controller							
O System							
Q <sup>0</sup> <sub>0</sub> Advanced							
> DHCP Server							

Cliccare su "Add", selezionare il canale di rete 2.4G o 5G, inserisci l'SSID e la password richiesti, seleziona "YES" o "NO" in "Hide SSID" per visualizzare o meno l'SSID e compilare il campo "VLAN Bind" se necessario, quindi cliccare su "Submit".

hap preview	
psib Required	
WPA2-AES	
Length of password is at least 8	
NO	
0	
	WPA2-AES Length of password is at least 8 NO 0

## 10.3 Parametri RF

	Radio	
H Dashboard		
Wizard	Courter 1	
🥥 WAN	County	Note:Switching national regions can affect the available channels, and you may not be able to connect will if it
💬 Wireless		different from the higher-level network channel in the sta mode.
	Enable WMM	
② WiFi Schedule	User Isolation	
LED	Max Associated STA	128
	Beacon Interval	128
Access Controller		Unitrms
System	RTS/CTS Threshold	2347
		Unit:bytes,default:2347
0 <sup>°</sup> S Advanced	Weak Signal Rejection Threshold	-95
> DHCP Server		Unit:dBm, Suggestive value:-85, Max:-45, Min:-95
> Multiple SSID	2.4G Channel	AUTO
> RF Parameter	2.4G Bandwidth	HT20 HT40 HT40+ HT45- AUTO
> PING-WatchDog	2.4G TxPower	AUTO
		Unit of PowersdBm
Scheduled Reboot	5G Channel	AUTO
> System Time		
	5G Bandwidth	HT20 HT40 HT40+ HT40- HT80 AUTO
	5G TxPower	AUTO
		Unit of PowersdBm
		Savo/Annly

· Country: Selezionare il paese corrispondente in cui si trova il dispositivo.

• WMM: Wi-Fi Multimedia, quando "Abilitato", fornirà le funzioni di base Qualità del servizio (QoS). WMM assegna la priorità al traffico in base a quattro categorie di accesso (AC): voce (AC\_VO), video (AC\_VI), massimo sforzo (AC\_BE) e background (AC\_BK). Tuttavia, non fornisce la portata di banda garantita. È adatto per applicazioni ben definite che richiedono QoS, come come Voice over IP (VoIP) sui telefoni Wi-Fi.

User Isolation: Si consiglia di attivare questa funzione solo se necessario, in quanto se attivata tutti i dispositivi terminali connessi tramite Wi-Fi non potranno accedere l'uno all'altro dopo collegamento.
Max Associated STA: limita il numero di dispositivi che possono connettersi a questo AP, si consiglia

• Beacon Interval: L'Intervallo Beacon potrebbe aiutare la tua rete WiFi a mantenere la connessione con altri dispositivi. Si consiglia di mantenere i valori predefiniti.

• RTS/CTS Threshold: L'AP wireless manda frame di richiesta di invio (RTS) a un particolare dispositivo ricevente e negozia l'invio di un frame di dati. Dopo aver ricevuto un RTS, il dispositivo risponde con un frame Clear to Send (CTS) per riconoscere il diritto di iniziare la trasmissione. Si consiglia di mantenere i valori predefiniti.

• Weak Signal Rejection Threshold: L'AP rifiuterà la connessione a qualsiasi dispositivo wireless che tenta di connettersi con una potenza del segnale inferiore al valore impostato.

• 2.4G / 5G Channel: Le frequenze 2.4G/5G supportano l'adattamento automatico ai canali wifi consentiti in base al codice del paese selezionato.

• 2.4G Bandwidth: Supporta 20/40/40 + / 40- MHz

• 5G Bandwidth: Supporta 20/40/40 + / 40- / 80 MHz

•2.4 / 5G TxPower: 2.4G supporta fino a 27 dBm e 5G supporta fino a 23dBm.

## 10.4 PING-WatchDog

l'impostazione di 40-50.

Dopo che la funzione è stata abilitata, l'AP può eseguire il rilevamento della linea ed eseguire azioni preimpostate.

	PING-WatchDog	
1 Dashboard		
Wizard	Enable Ping Watchdog	
🥥 WAN	Address	192.168.11.1
Wireless		IP or Domain
O war an a t	Interval of checking	60
<ul> <li>Wiel schedule</li> </ul>		Interval, unitsec, suggest-60
V LED	Number of Failure	3
Q Access Controller		Selected action initiated after number of failures indicated.Suggesdted value 3
· · · · · · · · · · · · · · · · · · ·	Ping Timeout	2
🕸 System		Ping Timeout, Suggested value.2  Robord Clara wirelear Bestud Maturels Eachin Barous COD MODULTING
Q <sub>0</sub> <sup>0</sup> Advanced	Action	If the monitored address can not be pinged, the corresponding action will be performed.RESCUE SSID format :RESCUE 99
> DHCP Server		2000, RESCUE password: 99999999.
> Multiple SSID		Save/Apply
· · · · · · · · · · · · · · · · · · ·		
> RF Parameter		
> PING-WatchDog		
> Scheduled Reboot		
> System Time		

Watchdog monitoring address: L'AP esegue il test PING sull'indirizzo o sul nome di dominio

Interval of checking: Intervallo di test del ping (unità: secondo)

• Number of failure: Ping controlla il numero di errori consecutivi ed esegue azioni. Il valore suggerito è 3.

• Ping Timeout: tempo di ping massimo (unità: secondo)

# Watchdog monitoring action:

- Reboot: Riavvio del dispositivo
- Turn off wireless: I segnali wireless 2.4G e 5G sono disattivati
- Restart the network: riavvia le porte di rete

- Open RESCUE SSID: Aumenta l'SSID RESCUE wireless, formato nome: RESCUE\_99\_XXXX, password: 99999999

- No action: Nessuna azione

# 10.5 Riavvio programmato

Quando questa funzione è attiva, l'AP può essere impostato per il riavvio automatico giornaliero, settimanale o mensile in base alla pianificazione creata

Scheduled Reboot	
Reboot Cycle	Every Day
Reboot Time	00:00
	Save/Apply

#### 10.6 Orario di sistema

Quando "NTP (Network Time Protocol)" è abilitato, l'AP sincronizzerà l'orario di Sistema installato in base alla localizzazione geografica. Connessione ad Internet necessaria.

	PING-WatchDog	
A Dashboard		
🔁 Wizard	Enable Ping Watchdog	
WAN	Address	192.168.11.1
@ Wireless		IP or Domain
	Interval of checking	60
WiFi Schedule		Interval, unitsec, suggest60
V LED	Number of Failure	3
O town Controller		Selected action initiated after number of failures indicated.Suggesdted value 3
Access Controller	Ping Timeout	2
System		Ping Timeout, Suggested value:2
Q <sup>6</sup> <sub>in</sub> Advanced	Action	If the monitored address can not be pinged, the corresponding action will be performed.RESCUE SSID format :RESCUE 99
		2000, RESCUE password: 99999999.
> DHCP Server		Save/Apply
> Multiple SSID		
> RF Parameter		
> PING-WatchDog		
> Scheduled Reboot		
> System Time		

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## 1. Acceso a la interfaz AP

Configure la dirección IP de la computadora: 192.168.1.23 (ejemplo), máscara de subred: 255.255.255.0 La dirección IP predeterminada del AP es 192.168.1.2, la contraseña predeterminada es admin.

Administrator Logi	n	
Default Password is	admin'	
English		
Forget Your Passw	ord?	
	Login	

#### 2. Estado de la red (tablero)

	=						44 Courd Welcome,Admin @ LANG @ 1
	WAN	0	Wireless Info	245 55	Radio Status	246 55	System Info
Ashboard Azərd AN Aneless Alfeliess	Protocol stud: Gateway: 0.00.0 IP Actives: 12:061.2 Netemak: 23:23:23:20.0 DNS: 0.00.0 169 Addres: 160:254.13:221		Country Code: CN Max Associated STA 1 Weak Signal Rejection 1 Number of User(2.40): 2.4G Power: auto 2.4G Bandwidth HT29 2.4G Channel auto	28 Tareshold -95 O	2.46 Radie Mede: 802.11bgn 2.46 Channel/Frequency: 1/2412 M 2.46 Current Rate: 1.44.4041bys 2.46 Nolae: -93 dim 2.46 CCQ	52 94/94(103.6%)	Warking Mode: IR AP. Product Name: AP Serial Namies: Versie: v4.53.ukt20190014-4ade31 Harbare: Mode: AP Xanalag Time: 071 5404 054 System Time: 1970-04-01 1518:05 MaC Address
0 xess Controller	AP Cloud Screated		Real Time Flow Chart	-O-Upstream(kbpc) -C	Downstream(Jops)		System Load
teen vanced 👻		the current	1 0.5 0.4 0.2 0 322.09 822.11	1 มออ่าง มออ่าง มออ่าง	azāro azāzr azāzr azāzr	1422,277	40 m 40 m 100 10 M 100 m 100 10 M 100 m 100 10 m 100 m 1000 m 100
	5510	12	Incryption	Password	SSID Hide	Network	<ul> <li>VLAN</li> </ul>
	Wireless_24G_0F0F		OPEN	Password-less	NO	2.40	Default VLAN
	Wireless_SG_OFDF		OPEN	Password-lans	NO	56	Default VLAN

• WAN: muestra información sobre la configuración de red del AP, la dirección IP de los puertos WAN y LAN, la dirección de la puerta de enlace, la máscara de subred y el DNS. (Dirección 169: es la dirección IP asignada automáticamente al AP cuando no se asigna DHCP).

• Wireless info: muestra la información inalámbrica 2.4G y 5G de diferentes países, el número máximo de conexiones, el umbral de transferencia de roaming, la potencia, el ancho de banda y el canal.

• Radio status: muestra el modo de protocolo inalámbrico 2.4G y 5G, canal / frecuencia, velocidad inalámbrica, ruido y calidad del enlace

• System info: muestra el modo de funcionamiento, el modelo del dispositivo, la versión del firmware, el tiempo de ejecución y la dirección MAC.

• Real Time Flow Chart: : indica la velocidad actual aguas arriba y aguas abajo del AP.

• System load: Indica el uso de la CPU y la memoria, el uso de la sesión.

• SSID: muestra la información de diferentes configuraciones de múltiples SSID.

• **DHCP client:** muestra una lista de direcciones IP asignadas por el AP al terminal. Disponible solo para modos de enrutamiento inalámbrico.

• Wireless terminal station: muestra la lista de clientes actualmente conectados al AP.

#### 3. Asistente

guía paso a paso para configurar su AP.

di Darbheard	Wizard	
Wizard	1. Select Work Model 2. Select Network	work 3. WAN Configuration 4. Wireless 5. Confirm
🥥 WAN		
(Wireless	Note:Switching mode will cause par	Int of the configuration to restore to the default state
② WiFi Schedule	ent AP Mode will	ireress coverage mode, support mutit SSID, 802.1Q VDAN, seamiess roaming, user quilibrium (need Access controller)
V LED	OWireless Router Mode WA	AN port for wired connection, LAN port for wireless connection, WAN port support PPOE, fixed IP, automatic access.
Access Controller		Rack Next
System		
©© Advanced ✓		

#### 3.1 Primer paso

Seleccione el modo de trabajo para su AP ("Fit AP") es el modo predeterminado. \* **Nota:** el servicio DHCP no se puede habilitar en este modo. DHCP será manejado por su enrutador.

• En modo AP (modo predeterminado): el AP está conectado al enrutador y actuará como un punto de acceso inalámbrico. Para un mejor rendimiento y opciones de control, puede conectarse a un controlador de CA (se vende por separado). Para obtener más detalles, consulte el manual de la puerta de enlace.



· Seleccione el protocolo de red (DHCP o estático).

**Nota:** La dirección IP predeterminada del AP (192.168.1.2) se cambiará a la dirección IP seleccionada durante este paso.

· Configuración WAN: puede configurar el DNS.

• **Configuración wireless:** puede cambiar el nombre SSID y el modo de encriptación e ir a "Configuración inalámbrica" para cambiar la configuración detallada.

· Confirme que la configuración esté completa.

**Nota:** Una vez que haya cambiado la IP predeterminada del AP, deberá iniciar sesión con la IP recién asignada. Si la configuración era "estática", utilice la dirección IP estática asignada a la unidad. Si la configuración era "DHCP", inicie sesión en el enrutador que asigna la IP a esta unidad AP y busque la IP asignada al AP buscando la dirección MAC del AP en la lista de dispositivos conectados del

enrutador

#### 3.2 Modo enrutador inalámbrico (si es compatible)

El puerto WAN del AP se conectará directamente al MODEM. Inicie el servicio DHCP del AP.



• Seleccione el modo de conexión de red: seleccione el tipo de servicio de Internet al que se ha suscrito con el ISP (DHCP, Estático, PPPoE).

• **Configure la red externa:** DHCP: su ISP asignará automáticamente la IP, la subred y la puerta de enlace. IP estática: ingrese la información de IP, subred y puerta de enlace proporcionada por su ISP. PPPoE: ingrese el ID y la contraseña proporcionados por su ISP.

• **Configure la red inalámbrica:** cambie el nombre SSID y el modo de cifrado y vaya a "Configuración inalámbrica" para cambiar la configuración detallada.

· Confirme que la configuración esté completa.

**Nota:** cuando se selecciona el modo de enrutamiento inalámbrico, la dirección IP del AP se cambiará a 192.168.11.1 y se habilitará el servicio DHCP.

## 4 Configuración de WAN

Configure el AP para conectarse a la WAN: DHCP, IP estática, PPPoE son compatibles.

**Nota:** Si ha seguido previamente el proceso de configuración mediante el asistente, no es necesario que vuelva a configurar estas opciones.

# Dethoard	WAN			
Wizard		PPPOE	Dynamic IP	Static IP
😧 WAN			Username and Password Required	
🗇 Wireless		PPPoE Username	PPPoE Username Required	
WiFi Schedule		Password	Password Required	
V LED			Dial	
Access Controller				
C <sup>®</sup> Advanced				
<ul> <li>System</li> <li>Advanced</li> </ul>				

## 5 Configuración inalámbrica

Configure los ajustes inalámbricos de 2.4GHz y 5GHz ingresando SSID y métodos de encriptación. Nota: Si ha seguido previamente el proceso de configuración mediante el asistente, no es necesario que vuelva a configurar estas opciones. Si necesita más SSID, puede ir a la pestaña "Avanzado" y configurar los nombres de SSID adicionales.

di putturi	Wireless	
AL DISUDDAID	2.4G WLAN Configu	iration
Wizard		
🥥 WAN	Enable Wireless	
The Wireless	Hide SSID	
	SSID	Wireless_2.4G_0FDF
WiFi Schedule	Encryption	OPEN .
₿ LED	5G WLAN Configura	ation
Access Controller	Enable Wireless	
🍄 System	Hide SSID	
🖓 Advanced 🛛 👻	SSID	Wireless_5G_0FDF
	Encryption	OPEN -
		Save/Apply

# 6 Planificación WiFi

Puede configurar un programa de disponibilidad de WiFi ingresando las horas de inicio y finalización para cada día de la semana habilitando la opción "WiFi Schedule". Si no está habilitado, WiFi siempre estará disponible.

	WiFi Schedule
Pashboard	
Wizard	W/Fi Schedule
C WAN	Repeat Monay fuelday weekedaa muraay waay subulay subulay subulay subulay subulay
Witches	Stop Time 22:00
S werschedule	Save/Apply
Arress Controller	
O System	
Q <sup>®</sup> Advanced	

# 7 LED

La luz LED del AP puede estar "encendida" o "apagada"

di Dashkarad	LED
Wizard	Immediately Switch LED OM LED Off
🚱 WAN	WiFi Schedule
(Wireless	Repeat Mannay, Tuesday Wednesday Thursday, Picker Sahurday Sunday
Willi Schedule	Start Time 06:00
Wiri schedule	Stop Time 22:00
§ LED	Save/Apply
Access Controller	
🔅 System	
Q <sub>0</sub> <sup>0</sup> Advanced	

# 8 Administración de CA (controlador)

Opciones de puerta de enlace centralizada administrada en la nube o directa en la nube.

## 8.1 Administración centralizada

de forma predeterminada, el AP se administra a través de un dispositivo Gateway que ofrece una administración centralizada y rápida de múltiples unidades AP. Consulte la sección Administración de AP del Manual de usuario de Gateway.

$\leftarrow \rightarrow \circ \circ \circ$	92.168.1.2/m/				\$ €.	ピ …
			AC Cost	Welcome,Admin	Q LANG	(+ Logout
di Dathoard	Access Controller					
Witard	Product Name Tr AC Address	AP e Name of the Device				
Wireless WiFi Schedule LED	D	omain or Address of AC Saive/Appdy				
Access Controller     System						
Q <sub>0</sub> <sup>0</sup> Advanced Y						

#### 8.2 Gestión de el Cloud

cuando esta opción está marcada, el AP se registra directamente en el servidor de Cloud (http://165.22.140.64). Una vez que haya creado su cuenta de usuario en el sitio, se le asignará un código vinculante que debe usarse para asociar el AP con su cuenta en el Cloud. Ahora podrá administrar sus puntos de acceso a través de la cuenta en el Cloud. Para obtener una explicación detallada, consulte la Guía de cuentas en el Cloud.

	Device Name And Coordinates Configuration	
A Dashboard		
🔁 Wizard	Device ID	
🥹 WAN	Binding Code	×
(Control Wireless		Enter your binding code obtained from the cloud
() WiFi Schedule	Product Name	AP
O merson date		The name of this device will be displayed in your cloud account to identify the device
V LED	Longitude	
Cloud	Latitude	
System		Save/Apply

#### 9 Ajustes del sistema

9.1 Cambiar contraseña: para cambiar la contraseña, ingrese la contraseña anterior, ingrese la nueva contraseña, confirme la nueva contraseña y haga clic en "Save / Apply" para realizar los cambios

9.2 Actualización del sistema: en esta sección puede actualizar el firmware (manualmente desde un archivo local o mediante la actualización en la nube), guardar e importar archivos de configuración y restaurar la configuración de fábrica.

#### 9.2.1 Actualización de firmware

Haga clic en "Select" para actualizar manualmente desde un archivo de firmware descargado.
Haga clic en "Check Upgrade" para verificar y actualizar desde un servidor en la nube cuando haya nuevo firmware disponible.

## 9.2.2 Gestión de la configuración

· Haga clic en "Save Config" para guardar la configuración actual del AP en una PC local.

· Haga clic en "Import Config" para restaurar una configuración guardada en el AP.

• Haga clic en "Restore Default" para restaurar todas las configuraciones al estado predeterminado de fábrica en el AP.

## 9.2.3 Reinicio del AP

Haga clic en "Confirm to reboot" para reiniciar el AP

🖌 Dashboard	ystem
Wizard	Change Password
🧿 WAN	Old Password Old Password Required
🛜 Wireless	New Password Required
WiFi Schedule	Confirm Password Confirm Your New Password
2 LED	Save/Apply
Access Controller	
System	System Upgrade
Advanced 🗸	Firmware Upgrade Select QCheck Upgrade
	Current Version: v4.3.build20190614-4a5e831
	Config Asave Config Almport Config Restore Default
	After the configuration is restored, it is necessary to restart the device manually to take effect.
	Reboot Confirm To Reboot

## **10** Ajustes avanzados

#### **10.1** Servidor DHCP

si está habilitado, asignará automáticamente direcciones IP a los dispositivos conectados. (Función disponible en modelos compatibles y aplicable solo cuando el modo AP está configurado en "Wireless Router Mode"

	DHCP Server	
A Dashboard		
Wizard	Enable DHCP Server	
WAN	DHCP Pool Start	100
🗇 Wireless	DHCP Pool Size	150
WiFi Schedule	DHCP Lease Time	60
V LED	Primary DNS Server	Lease TimeMinute
Access Controller	Secondary DNS Server	0.0.0
🔅 System		Save/Apply
O <sup>®</sup> Advanced		
Contraction of the		
> DHCP Server		
> Multiple SSID		
> RF Parameter		
> PING-WatchDog		
> Scheduled Reboot		
> System Time		

## **10.2** Múltiples configuraciones de SSID

Capacidad para crear o eliminar múltiples SSID para el AP en las bandas de 2.4GHz o 5GHz

	Multiple SSID						
Pashboard Dashboard	Add Wireless Signal						Add Apply
Wizard							
@ WAN	SSID	Encryption	Password	SSID Hide	Network	VLAN	Operation
🗢 Wireless	Wireless 5G.0FDF	OPEN		No	56	Default VLAN	Blocke
WIFi Schedule							
₽ LED							
Access Controller							
O System							
O <sup>®</sup> <sub>0</sub> Advanced							
> DHCP Server							

Haga clic en "ADD", seleccione el canal de red 2.4G o 5G, ingrese el SSID y la contraseña requeridos, seleccione "YES" o "NO" en "Hide SSID" para mostrar o no el SSID y complete el "VLAN Bind" si necesario, luego haga clic en "Submit".

SSID Required	
WPA2-AES	
Length of password is at least 8	
NO	
0	

# 10.3 RF parámetros

Radio		
A Dashboard		
Wizard	Country	
WAN	county	Note:Switching national regions can affect the available channels, and you may not be able to connect wfi if it is different from the hisher-level network channel in the sta mode.
🐡 Wireless	Enable WMM	
WIFI Schedule	User Isolation	
V LED	Max Associated STA	128
Access Controller	Beacon Interval	128
	DTS/CTC Throubold	2347
🕼 System	what chain meaned	Unit.bytes,default:2347
QS Advanced	Weak Signal Rejection Threshold	-95
> DHCP Server		Unit:dBm, Suggestive value:-85, Max:-65, Min:-95
> Multiple SSID	2.4G Channel	AUTO
> RF Parameter	2.4G Bandwidth	HT20 HT40 HT40+ HT40- AJTO
> PING-WatchDog	2.4G TxPower	AUTO
Schoolded Beheat		Unit of PowersdBm
2 Scheunen Hennut	5G Channel	AUTO
> System Time	5G Bandwidth	HT20 HT40 HT40+ HT40- HT80 AUTO
	5G TxPower	AUTO
		Unit of PowerdBm
		Sminlannliv

• País: seleccione el país correspondiente donde se encuentra el dispositivo.

• WMM: Wi-Fi Multimedia, cuando está "Enabled", proporcionará las funciones básicas de calidad de servicio (QoS). WMM prioriza el tráfico según cuatro categorías de acceso (AC): voz (AC\_VO), video (AC\_VI), mejor esfuerzo (AC\_BE) y fondo (AC\_BK). Sin embargo, no proporciona el rango de ancho de banda garantizado. Es adecuado para aplicaciones bien definidas que requieren QoS, como Voz sobre IP (VoIP) en teléfonos Wi-Fi.

• Aislamiento de usuario: se recomienda activar esta función solo si es necesario, ya que si estuviera activada, todos los dispositivos terminales conectados a través de Wi-Fi no podrán acceder entre sí después de la conexión.

• Max Associated STA: Limite la cantidad de dispositivos que se pueden conectar a este AP; se recomienda 40-50.

• Beacon Interval: El intervalo de beacon podría ayudar a su red WiFi a mantener la conexión con otros dispositivos. Se recomienda mantener los valores predeterminados.

• Umbral RTS / CTS: el AP inalámbrico envía una solicitud para enviar tramas (RTS) a un dispositivo receptor en particular y negocia el envío de una trama de datos. Después de recibir un RTS, el dispositivo responde con una trama Clear to Send (CTS) para reconocer el derecho a iniciar la transmisión. Se recomienda mantener los valores predeterminados.

• Umbral de rechazo de señal débil: el AP rechazará la conexión a cualquier dispositivo inalámbrico que intente conectarse con una intensidad de señal inferior al valor establecido.

• Canal 2.4C / 5G: las frecuencias 2.4C / 5G admiten la adaptación automática a los canales wifi permitidos según el código de país seleccionado.

• Ancho de banda de 2.4G: compatible con 20/40/40 + / 40- MHz

- Ancho de banda 5G: admite 20/40/40 + / 40- / 80MHz
- TxPower 2.4 / 5G: 2.4G admite hasta 27dBm y 5G admite hasta 23dBm.

#### 10.4 PING-WatchDog

Después de que se haya habilitado la función, el AP puede realizar la detección de línea y realizar acciones preestablecidas.

1.000	PING-WatchDog	
Tashboard		
🔁 Wizard	Enable Ping Watchdog	
🚱 WAN	Address	192.168.11.1
Twieless		IP or Domain
O weten de	Interval of checking	60
O wiel schedule		Interval, unitsec, suggest 60
V LED	Number of Failure	3
		Selected action initiated after number of failures indicated.Suggesdted value 3
Access Controller	Ping Timeout	2
System		Ping Timeout, Suggested value:2
	Action	Reboot Close wireless Restart Network Enable Rescue SSID NO Action
Q <sub>0</sub> <sup>o</sup> Advanced		If the monitored address can not be pinged, the corresponding action will be performed.RESCUE SSID format RESCUE 99 2000; RESCUE partword; 99999999.
> DHCP Server		Save/Apply
> Multiple SSID		
> RF Parameter		
> PING-WatchDog		
> Scheduled Reboot		
> System Time		

• Dirección de supervisión del perro guardián: L'AP esegue il test PING sull'indirizzo o sul nome di dominio

• Intervalo de verificación: Intervallo di test del ping (unità: secondo)

• Número de fallos: Ping controlla il numero di errori consecutivi ed esegue azioni. Il valore suggerito è 3.

• Ping Timeout: tempo di ping massimo (unità: secondo)

# Acción de supervisión del perro guardián:

- Reiniciar: Riavvio del dispositivo
- Apague la conexión inalámbrica: segnali inalámbrico 2.4G e 5G sono disattivati
- Reiniciar la red: riavvia le porte di rete
- Abrir RESCUE SSID: Aumenta l'SSID RESCUE inalámbrico, formato nombre: RESCUE\_99\_XXXX,

contraseña: 99999999

- Sin acción: Nessuna azione

#### 10.5 Reinicio programado

Cuando esta función está activa, el AP se puede configurar para que se reinicie automáticamente a diario, semanalmente o mensualmente según el horario creado

Scheduled Reboot			
Reboot Cycle	Every Day		
Reboot Time	00:00		
	Save/Apply		

#### 10.6 Hora del sistema

Cuando se habilita "NTP (Network Time Protocol)", el AP sincronizará la hora del sistema instalado según la ubicación geográfica. Requiere conexión a Internet.

	PING-WatchDog	
A Dashboard		
Wizard	Enable Ping Watchdog	
🚱 WAN	Address	192.168.11.1
@ Wireless		IP or Domain
O we could be	Interval of checking	60
<ul> <li>Wiei Schedule</li> </ul>		Interval, unitsec, suggest60
V LED	Number of Failure	3
		Selected action initiated after number of failures indicated.Suggesdted value 3
Access Controller	Ping Timeout	2
🔅 System		Ping Timeout, Suggested value:2
	Action	Reboot Close wireless Restart Network Enable Rescue SSID NO Action
Q <sub>0</sub> <sup>o</sup> Advanced		If the monitored address can not be pinged, the corresponding action will be performed.RESCUE SSID format (RESCUE 99 2000), RESCUE pastword; 99999999.
> DHCP Server		Save/Apply
> Multiple SSID		
> RF Parameter		
> PING-WatchDog		
> Scheduled Reboot		
> System Time		

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REV03-260624