AirCloud

Web Manual



Ver. 1.0

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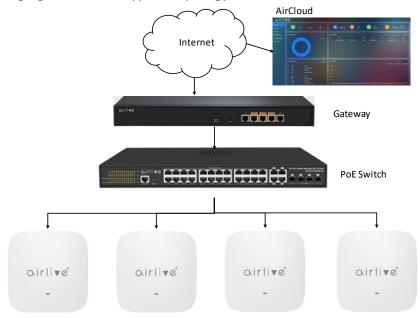
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Chapter 1 Register and bind device into cloud.

1.1 Determine the Network Topology

The following figure shows a typical topology for a use case.



1.2 Register and binding device into aircloud

step 1: Open up browser and go to aircloud.airlive.com

step 2: Register account

step 3: In the Home page on the right top corner click binding device



Step 4 Input the MAC address and the password of the AP, you can find these on the device label on the back of the device. In the AP Home page you can also find your MAC address. The MAC address used can also be found in the webGUI of the AP, the MAC address used for binding is located in the red column of the below image.

ික	Mode AP Mode	🔀 Fat AP	Flow(5G)			AP Up Stream	n -O- AP Down Stream -O-	
Home			1b					
CSP Wizard			оь					
_	(î)		0b					
WiFi	_		оь					
8			0b					
Network	Uptime 1Day21:24:51		0 13:38:52 13:38:55	15	3:39:00	13:39:05	13:39:10 13:39:1	1
↔								
Manage	Device Info	Devi	ice Description	🗎 Lan Info		2G WiFi	5G WiFi	
				Connection	Get IP From Gateway	Status	On 🚺	
	2%	40%	nwall	IP Address	192.168.0.143	SSID	testinwall5	
	2.70	4070		Subnet	255.255.255.0	Channel	Auto [120]	
				Gateway	192.168.0.185	Encrypt	Open	
	CPU	Memory		MAC	00:4F:4E:00:00:00	MAC	00:4F:4E:00:00:00	
	Version Inwall-U618AX-AP-V3.0-Bu	uild20230306092924						

In the aircloud:

Input AP MAC address into MAC, and device password of the ap.(default device password can be found on the device label). The default AP password is admin.

Binding device		×
Device Account	admin	
Device Password		Ø
мас	00:4F:4E:00:00:00	
Binding Project	My Project	
	Save	÷

Step 5 Reload the webpage, you should now be able to find the device is bind into aircloud. Note: When the device keeps offline, then check your Internet Firewall settings these could be set to high and blocking the aircloud connection.

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Home Device	1 1 10	1 1 Stal Cnine	0 offine		0 Inspection report	O Faulty	. (0 Upgradeable		Backup Timed Inspection	Disable O n Disable O
Project Maintenance ~	Device statistics			Latest acc	010						More
authenfication 🗠			ap		MAC		Name	Туре	Mode	Access Time	Status
Account				1	60.4F3€3020030	192,158,0,143	inval	Inval-US18AX			
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	Configuration Log Account MAC Content Trme	patrikal 00:417-412:00:00:00 Bind davica 2023-03-08 13:44:22	More 3	Uter activit QTY 1 0.8 0.6	ty					Nearly thr 2023-03-05 2023-03	
	Account MAC Content	00:4F>4E:00:00:00 Bind device	More >	QTY 1 0.8							
	Account MAC Content Time	00:4F34E:00:00:00 Bind davica 2023-03-08 13:44:22	More 3	QTY 1 0.8 0.6							

Chapter 2 Create template and configure your AP

2.1 Configure your AP from the Cloud

Step 1 Click device, then click the config icon behind the AP you would like to configure

airli	re [°]							(9 ©	M D•
I Homo	Project List	Device List				8	Al 🗸	MAC/Type/Device Name	Q 🗹	~ 89 ~
[Device	My Project (1)		MAC		Name ¢	Type 🗢	Mode	Access Time 💠	Status	Config
Project			00.4F.4E.00.00:00	192.168.0.143		inwall-U618AX				
28 Maintenance ^										
Upgrade										
Log										
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🧭 authentication 👻										
Pg Account										
		Total 1						23/page 🗸 🤇	1 > G	

Device Into (My Project) MAC 00.4F.4E.00.00.00 Mode AP			1Day21:30:01 Inwali-U618AX-AP-V3.0-Buikt20230300	3092924	
Info WIFI WIFI Time Off Alarm setting	Device log Auth Other Setting				
	2G WFI 5G WFI Advanced Status • Enable • In In 2G WFI • Enable • In 4G • Enable • In 4G • Enable • In 4G 4G	Disable 1000	SSID	VAP1 VAP2 VAP Enable © Disable Wireless 2.4G Vap1_000000 Enable © Disable None 0	3 3-4094. 0 means closed

Step 2: Click Wi-Fi to start configuring the 2G/5G Wi-Fi setting.

2.2 Create the AP template and deploy

Step 1: Click Maintenance-Template-add. You can find add button in red box in the top right corner.

airli	v e°				ø	۲	E•
I Home	Template						
[블 Device		Template name	Create account 🗢	Creation time \$	Config		-
E Project							
💥 Maintenance 🗠							
Upgrade							
Template							
🥪 authentication 🗸							
Account							

Step 2: You can pre-configure Wi-Fi/Advanced setting according to your need. Press Save, to save your template.

le Add					
Template name WiFi	Advanced	Other Setting			
WiFi Select	2G WiFi			~	
Status	💿 Enable	O Disable			
SSID	My-WiFi1				
Encryption	None			~	
VLAN ID	0		3-4094,	0 means closed	
	VAP 1	VAP 2	VAP 3		
Status	Enable	💿 Disable			
SSID	My-WiFi1_1	1			
Encryption	None			~	
VLAN ID	0		3-4094,	0 means closed	
	Save	a			

Step 3 Deploy Wi-Fi template into device, go to Device (1) <u>Check mark the AP and</u> <u>click (2) Application Template.</u>

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Home	Project List	E Device List					🚨 M 🗸 🗸	MAC/Type/Device Name	Q 14-	82 ~
Device	My Project (1)	SN SN	MAC		Nome 🜩	Type 🗢	Mode		Application template	
B Project			00.4F.4E.00.00:00	192.168.0.143		Inwall-U618AX			Repool Device allocation	
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Upgrade										
Template										
authentication ~										
Account										
		Total 1						22/page V	< 💶 > Gol	lo 1

Step 4 Click apply to load the Template to your device(s).

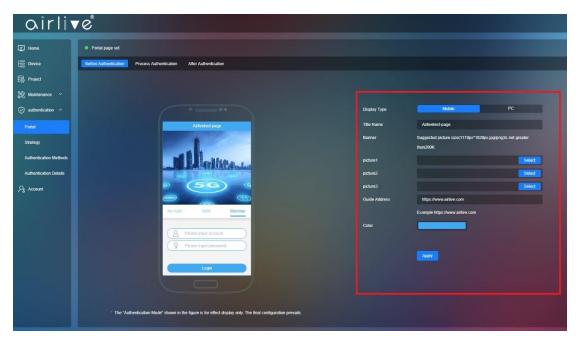
Device List	
SN MAC Application template	
✓ 1 00:4F:4E:00:00:00	Inwa
Template iwnall1 V	
Apply	

Chapter 3 Create captive portal page and create user Auth

3.1 Create captive portal page and create user Auth

Step 1 Click Authentication - Portal

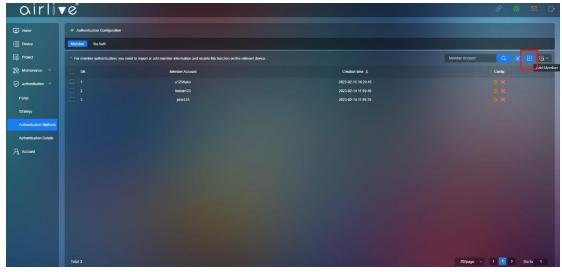
Input all information in marked in the red box for both Mobile and PC version from before Auth till after Auth.



3.2 Create the User Account and Password

Step 1 Click Authentication Methods – Add Member (marked it red box).

Enter the Member Account (Username) and Login Password for the client.



3.3 Import Batch

To import a large group of usernames and passwords the Import Batch function can be used.

Step 1 Click Import

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Itome	Authentication Configuratio										
E Device	Menter No Auti										
Project	* For member authentication, y	Member Account 🔍 🗹 🗉 🗠 🗸									
🎇 Maintenance 👻		Member Account	Creation time ¢	Config							
🕑 authentication 🗠		a1234alex	2023-02-15 16 20 43								
Portal		touke123 jehn123	2023-02-14 11:59:46 2023-02-14 11:59:35								
Strategy											
Authontication Methods											
Authentication Details											
Account											

Step 2 Click Download (browser will download the excl file)

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		A			В	С	
1	ID		Pas	sswor	d		
2							
3							
4							
5							
6							
7							

In this Excel file usernames (ID) and password can be made. After creating the Usernames and Passwords Save the excel file and Import it. Select the File and press Save. The accounts will now be added.

	0	Import			x
31			Member Info	Select	
ir				Download	
				Save	

3.4 Create Strategy

Step 1 Click Authentication- Strategy - Add

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🕑 Home	• Stralogy				Strategy Name	Q 🗉 🗠 🗸
E Device		Strategy Name	Validity Authentication	White List	Elleck List	Contig Strategy Set
Project		policy1	One Day	•	•	
🎇 Maintenance 👻						
⊘ authentication ^						
Portal						
Strategy						
Authentication Methods						
Authentication Details						
Pg Account						

Step 2 Create a policy according to your network needs then Save the settings. IP or MAC addresses can be added to either the White or Blacklist to included or exclude them from the policy.

Strategy Set			×
Strategy Name	policy1		
Validity Authentic	ca One Day		
tion			
White List	IP	MAC	
	Multiple addresses separated by ","		
Black List	IP	MAC	
	Multiple addresses separated by ","		
		Save	

3.5 Add Strategy to the AP(s)

Step 1 Go to Device – Config - Auth

Select for which part of the network the Strategy would apply, 2G, 5G or Ethernet. Step 2 Select your network for example 5G Wi-Fi and Click Enable, select your Strategy from the pull down menu.

Step 3 Authentication Click Member to apply member you just created.

Device Info	(My Project)			
	MAC 00:4F:4E:00:00:00 Mode AP	Type Inwali-U618AX Name inwali M	CPU • 16% lemory — 40%	Uptime 1Day21:30:01 Version Inwall-U618AX-AP-V3.0-Build20230306092924
Info WiFi	WiFi Time Off Alarm setting	Device log Auth Other Setting	9	
			SSID tes Portal page I Strategy I	Ethernet Roaming service Enable Disable timwall5 V Default V policy1 V No Auth Member
				Apply

To allow for Roaming click on Roaming Service and Check mark "Join a group to roam"

Device Info					
	MAC 00:4F:4E:00:00:00 Mode AP	Type Inwall-U618AX Name inwall	CPU 📼	16% Uptime 1Day21:30:01 40% Version Inwall-U618AX-AP-V3.0-Build20230306092924	
Info WiFi	WiFi Time Off Alarm setting	Device log	Other Setting		
			20 WiFi roam	5G WiFi Ethernet Roaming service	
				Арріу	

Chapter 4 Home Page

4.1 Home Page

In the home page you can see an overview off your Online/Offline AP's Check the AP IP address, Firmware version, MAC address, Model and Online status



4.2 Home - Binding Device

Click binding device in the Home page, to input more devices.

Please make sure that the Cloud function has been enabled in the Access Point or Wireless Controller which you would like to add.

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E Home	1 100		0 Offine		0 Inspection report	20 F2	0 uty	0 Upgradeable	(Backup	Disable () on Disable ()
28 Maintenance ^	Device statistics			Latest acces							Mara >
Upgrade			AP		MAC		Name	Тура	Mode	Access Time	Status
Log					10:4F 4E 00:00 00	192.168.0.143	inwali	Inwait-U618AX			
Template											
⊘ authentication ~ Pg Account											
pg account											
	Configuration Log		More »	User activity						Nearly 8	
	Account	johniai								● 2023-03-05 - ● 2023-0	33-06 2023-03-07
	MAC	00.4F.4E.00.00.00		0.8							
	Content	Bind device 2023-03-08 13:44:22		0.8							
				0.6							
	Account	johnlai									
	MAC	00.4F 4E:00.00.00 Bind device		0.2							
	Time	2023-03-08 11.09:03		0 00-00 0	1:00 02:00 03:00 04:00	05:00 06:00 07:00 08:0	0 09:00 10:00 11:0	00 12:00 13:00 14:00 15	a00 16:00 17:00) 18:00 19:00 20:00 21:00	22:00 23:00 Time

4.3 Home - Personal

Basic Info will display your current aircloud Account settings these can also be changed or updated when information has changed.

To change the Account password, click on Modify password.



4.4 Home - System Info

System Mail will display Alarm information when this function has been enabled in the AP settings.

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I Home	System into							System info Make read
[블 Device		Content			Status	Time ¢		Conlig
Project								
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Upgrade								
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Tompkale								
🥏 authentication 👻								
Pg Account								Statement of the local division in which the local division in the local division in the local division in the

4.5 Home - Logout

Click on the Logout button to disconnected from the aircloud.



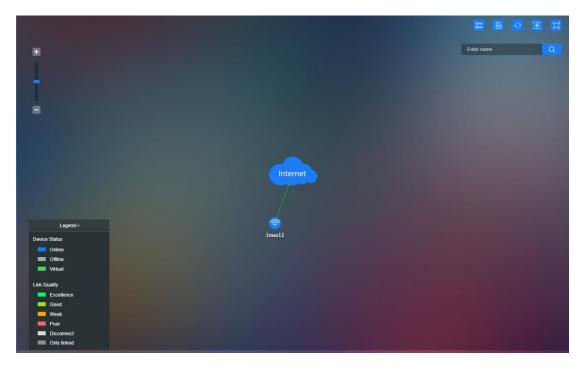
Chapter 5 Device

This function is to configure your AP or Wireless Controller

5.1 Topology view

Topology will automatically create the topology, according to the base topology you can edit your topology for troubleshooting





5.1.1 List View

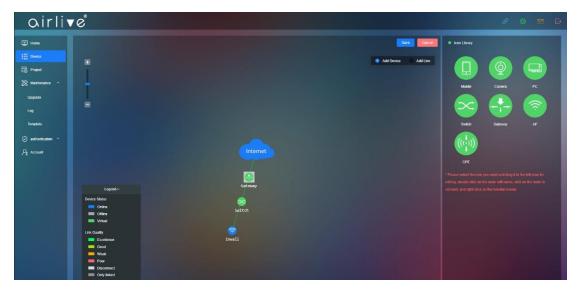
Go back to device list.

airlin	r e [®]		8 @ 🛛 G
I Home	• Project List 💳		
E Device	My Project (1)		List View Enter name
Project			and the second
🛞 Maintenance \land		+	
Upgrade			
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🥪 authentication 👻			
₽g Account			
		Lagend A Solution	
		Duvice Status Inwall	

5.1.2 Edit Topology Graph

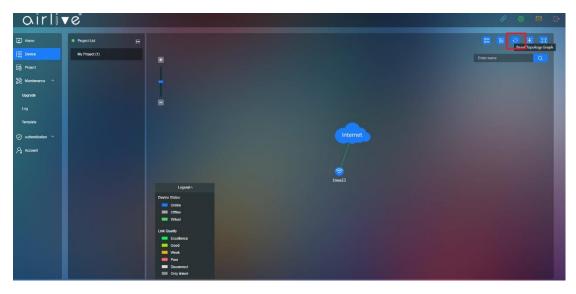
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C increase	Popertiel :	Equation And And And And And And And And And An	Internet
		Ette Vehall Ette Casher Good For Construction For Constru	

Drag and place to the graph needed and save the topology setup.



5.1.3 Reset Topology Graph

Reset the Topology Graph back to default



5.1.4 Scan Device

Scan newly added devices to add them to the topology.



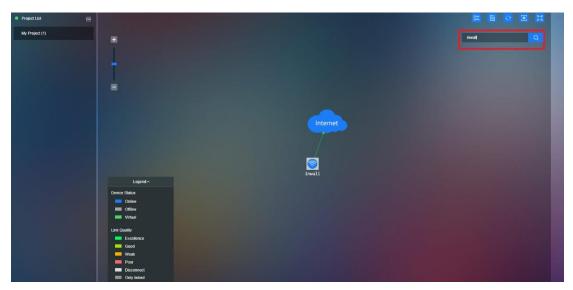
5.1.5 Full Screen

Full screen of the Topology Graph



5.1.6 Search Device Name

Search Topology Device Name in the Topology



5.1.7 All/Online/Offline

Show the status of the AP's chose to show All (both Online and Offline) or select either only Online or Offline AP's.

airli	▼ Ĉ								ଚ ତ	ØG
Itome	Project List	Device List					🔝 Al 🔨	MAC/Type/Device Name	Q	≝~ #×
[월 Device	My Project (1)		мас		Name ¢	Type ¢	Al	Access Time 💠	Status	Conlig
B Project			00:4F:4E:00:00:00	192 168.0.143		inwall-U618AX	Online			
💥 Maintenance 🔿							Offine			
Upgrade										
Template										
🥏 authenitication 👻										
₽g Account										

5.1.8 Search Device

To search a Device, you can enter the MAC, Model or Device name of an Access Point or Wireless Controller.

Itome	Project List	Dovice List					📶 📈 🗸	MAC/Type/Device Name	Q	⊠~ #``
	My Project (1)		MAC		Name 💠	Type ‡	Mode	Access Time 💠	Status	Config
Project			00:4F:4E:00:00:00	192.168.0.143		Inwall-U618AX		2023-03-08 13:44:23		
💥 Maintenance 🔿										
Upgrade										
Template										
🧭 authentication 👻										
₽g Account										

5.1.9 Batch Function

To use the Batch function Check mark one or multiple devices for which the Batch function will be active. For example, when two devices are check marked and Reboot is selected then both devices will be rebooted.

In the Batch function you can select Application Template, Reboot, Device Allocation, Export or Unbind.

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I Home	Project List	Device List					🚨 All 🗸	MAC/Type/Device Name	Q 🖼 Y	8# ~
E Device	My Project (1)		MAC		Name 💠	Type 🗢	Mode	Access Time 💠	Application template	Conllig
Rojed			00.4F:4E:00.00.00	192.168.0.143		Inwall-U618AX			Reboot Device allocation	۲
💥 Maintenance 🗠									Export Unbind	
Upgrade										1
Template										
🥥 authentication 🗸										
₽8 Account										

5.2 Display

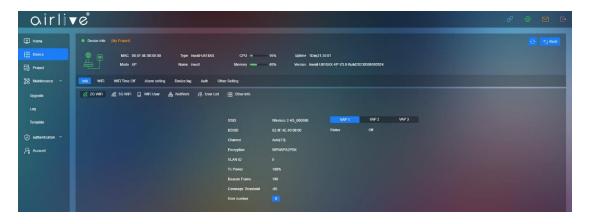
Choose which information from the AP or Wireless Controller is displayed in the Device page. Check mark the items which you would like to see. This can be MAC, IP, Name, Type, Mode, Version, Access Time and or Status.

airli	10								∂ © ⊠ ∣
Itome	Project List	Device List				1	a Ali 🗸	MAC/Type/Device Name	Q 🖾 × # ×
E Device	My Project (1)		MAC		Name ¢	Type 🗢	Mode		Status 🛃 MAC
Project			00.4F-4E-00:00:00	192.168.0.143		Inwall-U518AX			⊘ 🛛 I [*] ☑ Name
💥 Maintenance 🔿									🗹 Type
Upgrade									Version
									<table-cell> Access Time</table-cell>
Template									Apply
🤣 authentication 👻									
Pg Account									

5.2.1 Config

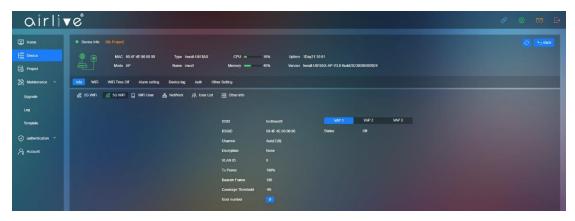
Click to config icon to enter the configuration setup.

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Home	Project List	Device List					👗 Al 🗸	MAC/Type/Device Name	QE	í* 87*
Device	My Project (1)		MAC		Namo ¢	Туро Ф	Mode		Status	Config
Project			00:4F:4E:00:00:00	192.168.0.143		Imeal-U618AX		2023-03-08 13:44:23		
Maintenance ^										
Upgrade										
Tempkala										
authentication 🗡										
Account										



5.2.2 Config - Info

Click on Info to display the device information. Depended on the device selected this can be 2G/5G Wi-Fi, Wi-Fi user, Network, User list, and Other info.



5.3 Config - Wi-Fi

To configure the Wi-Fi settings Click on Wi-Fi, the following settings can be changed. 2G/5G Wi-Fi Enable/Disable, SSID: Input SSID name, Select to Hide SSID: Enable/Disable Wireless Mode: 20Mhz/40Mhz/80Mhz depend on the device Channel: Depends on 2.4 or 5.8Ghz and on device country code set Encryption: None/WPA2/WPA3, Password: SSID password TX Power: Change Wireless Transmitting Power Max User: Apply Max supported device user. VLAN ID:0~4094 cannot choose 0, 0= Close VLAN ID VAP1~VAP3: Apply to multiple SSID these are the Virtual AP's Status: Enable/Disable, SSID: input SSID name Hide SSID: Enable/Disable, Encryption: Enable/Disable VLAN ID: 0~4094 cannot choose 0, 0= Close VLAN ID

airlin	0							Ø	0	
I Home	Device Info (My Project)									• Back
	MAC 00.4F-4E-00.90:00 Mode AP	Type Inwal-U618	MX CPU	2% Uptime 2Day1	2.47.50					
Project	Mode AP	Name invali	Memory 🛑	40% Version Inval-	U618AX-AP-V3.0-Build202	38306892924				
g Maintenance ~	Info WEI WEI Time Off Alarm setting	Device log Auth	Other Setting							
) authentication ~		20 WFI 50	WFI Advanced							
Account		20 811 00	THEY PROMINED							
		Status	Enable Disable			VAP 1 VAP	2 WAP 3			
		59D	Wireless 2.4G_000000		Satus	O Enable	Disable			
		Hidu SSID	Enable B Disable			Wireless 2.40 Vap				
		Wireless Mode	Auto		Hide SSID	C Enable				
		Encryption	WPAWPA2PSK		Encryption VLAN ID	Nane	3-40%, 0 means closed			
				•	VL/MILD	U	3-40%, 0 means couve			
		Tx Power	100%							
		Max of user	128	1~256.0 ; no lenit						
			•	3-4094, 0 means closed						

5.3.1 Config - Wi-Fi - Advanced

In Advanced the following additional settings can be made. User Isolation: Enable/Disable, Packet Threshold: (256~2346) RTS Threshold: (50~2347), Beacon Frame: (50ms~1000ms) Short GI: Enable/Disable, Coverage Threshold: (-95dBm ~ -65dBm) These settings can differ per model.

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🖾 Hame	Device Infe (My Project)				• Beck
(iii Device	MAC 00.47-46.00.00 Mode AP	Type Image Standy Col 2010 2% Update Standy Col 2010 Names Image Standy 40% Version Invest 4151100 AP /12.05 Aud/020030000004			
🛠 Maintanance 🗸	Infer WIFT WIFT Time Off Alarm setting	Device leg Auth Other Setting			
ତି authentication ୍ ମୁନ୍ନ Account		20 WF1 50 WF1			
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		accen Frano 190 (Stress-Stellores)			
		hut Ci 4 Evalle Disable coverage Trivented 46 (4550)m - 4550(m)			

5.4 Wi-Fi Time Off

Setup up the Wi-Fi operation schedule per device.

Wi-Fi Time Off: Enable/Disable

Select the Time in which the Wi-Fi would not be available to clients.

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Home	Denica Info (8):7-51(9):07 (7):07 (7):07 (7):07 (7):0 (7)	🕑 🕤 Back
‰ Maintenance	Into WFI WEITING Ann setting Device ing Auto Other Setting	
₽g Account	WFITme Off Enable Deable Time Range © 90:00 - © 90:00	

5.5 Alarm Setting

Setup the Alarm setting per device, different models will have different alarm settings.

Devices are frequently Online and Offline: On/Off

CPU usage: On/Off and select the CPU level

Memory usage: On/Off and select the percentage

Email Push: On/Off an email will be send to the email address which was used to setup the aircloud account.

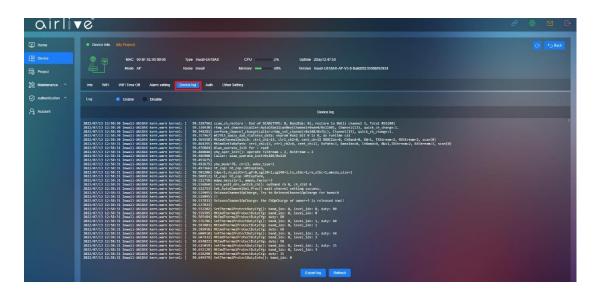
airli	v e			8 © 12 D
I Home	Device Info (My Project)			💽 📩 Back
Device	MAC 00.4F.4E.00.00.00 Type Inwail U6150X Mode AP Name inwail I	CPU 2% Uptime 2Day12. Vemory — 40% Varsion Inwall-Ut	17 50 18AX AP-V3 0-Build:10230309/092924	
💥 Maintenance 🖌	Info WFi WFi Time Of Nami setting Device log Auth Other Settin	e e e e e e e e e e e e e e e e e e e		
🧭 authentication 🗠	Alam Item	OFT-ON	Alarm threshold	Email push
₽g Account	Devices are linequently online and offline		3 Min / Thrice	
	CPU usage	—	• + 1%	C
	Memory usage	<u> </u>	> 1%	
	the second s			

Notify User		×
Select account	✓ johnlai	
	 The alert information will be pushed to the selected account nt The alerted account should banding with a valid email add ress. 	

Notify User: Apply to user email box also see Chapter 4.4

5.6 Device Log

Display the device Log information Chose to Enable or Disable the Log information. Log: Enable/Disable Export Log the log file or Refresh.



5.7 Auth

Also see Chapter 3 for the full setup.

The Auth function will add a Strategy the network. Enable which part of the Network will be part of a set Strategy.

2G/5G Wi-Fi Status: Enable/Disable

SSID: shown the current SSID name information

Portal Page: Preconfigure default

Strategy: Apply the Strategy which was made in the Authentication – Strategy Menu. Authentication Method.

No Auth: Allow all users to pass without ID and Password

Member: Members have must be in the Member list and input ID and Password to pass the Authentication.

E Desc MAC 0/0 4/2 6/20 000 Provide MBADA CPU Provide Usering 200/12 6/20 Provide MACO 0/0 4/2 6/20 0000 Provide MBADA CPU Provide Usering 200/12 6/20 Reservation Maco	
© eministration ~ ? Account ? Account Status ⊕ Emaile Example Entropy Example Entropy	
201WFi 50 WFi Ehemet Raaming serice Pe Account Status Ehemet Disable Disable	
Status Exame Disate	
55D Wrees 2 40,50000	
Petri jage Delaut v	
Straley prior v	
Aufhertdiction 2 No Aufh Member Merbod	

5.7.1 Ethernet

Ethernet this function works the same for the Wi-Fi setup only now for clients connected to the Ethernet network also. Status: Enable/Disable SSID: shown the current SSID name information Portal Page: preconfigure default Strategy: Apply the Strategy which was made in the Authentication – Strategy Menu. Authentication Method No Auth: Allow all users pass without ID and Password Member: Members have must be in the Member list and input ID and Password to

pass the Authentication.

airli	▼¢ la	Ø @ 🛛 🖯
I Home	Device Inter (My Project)	O to Back
E Device	Image: Control of the contro	
문화 Project 炎 Maintenance ~	mode // interference // i	
⊘ authentication ∨		
∕g Account	2C WFI SC WFI Etemet Ranning service	
	Status Exade Datable	
	Stralingy policy1	
	Aufhrenfastion 🥪 No Aufh 📄 Member Mathod	

5.7.2 Roaming

Roam: Join a group to roam

airlin	1¢	& @ ⊠ ₽
Hume	Denta 100 (b) / Popt2) Denta 100 (b) / Popt2) MAC 00 4F 45 00 000 Type Inval-1015MX CPU - 2% Uptime 20ey12 47:50 Mode AP Name Inval Memory - 4% Venion Inval-1015MX-4F-V3 8 Butch023000692248	C 58aX
왔 Maintenance ∨ ⊘ authentication ∨ 옷 Account	ind Wri Wri Tima Off Aam sebing Device log ken Other Setang 20 Wri SG Wri Ethenet Kenned menta roem ¥ Akin grang brown	

5.8 Other Setting

Other settings will allow you to setup an automatic Reboot schedule for the device as well as changing the device Password.

Time Reboot: Enable/Disable

Time: Set Time set schedule

Interval: 1~10Day

airlin	70 [°]	8 1 E
I Home	Device Info (My Fright)	O to Back
E Device	MAC 00.4746/202030 Type Inval-UR180X GPU 216 Uptime 20ny124759 Mode AP Name Intel Memory 40% Version Inval-UR1804X-PV3.0 Build20230300013224	
Project	Mode AP Name inveit Memory — 49% Version Invall UK15AX AP-V10 Buld2023000072324	
💥 Maintenance 🗸	Info WFT WFTTime Off Alam setting Device log Aufh [Other Setting]	
🧭 authentication 🗠	Trinid Netocol Device Personand	
Pg Account	Tred Rebot Etable Dirable	
	The Enry Day v D.00 v	
	🔹 Interval 1Day 🗸	
	A177	

5.8.1 Device Password

Input the Device Password, the Default Device Password is admin



Chapter 6 Project

6.1 Project

Add or Modify a Project according to need, this can be for example the location of were the devices were placed like a room name.

airli	ve°				ø	۵	M	B
I Home	Project List	Project Info						
E Device Project Maintenance ~ O authentication ~ A Account	My Project	*	Superior Proped — Project name My Pro Project lawel 0 Creation time 2023 d Project notes	1d 14 11 31 50				
			The system default project					

6.2 Project Note

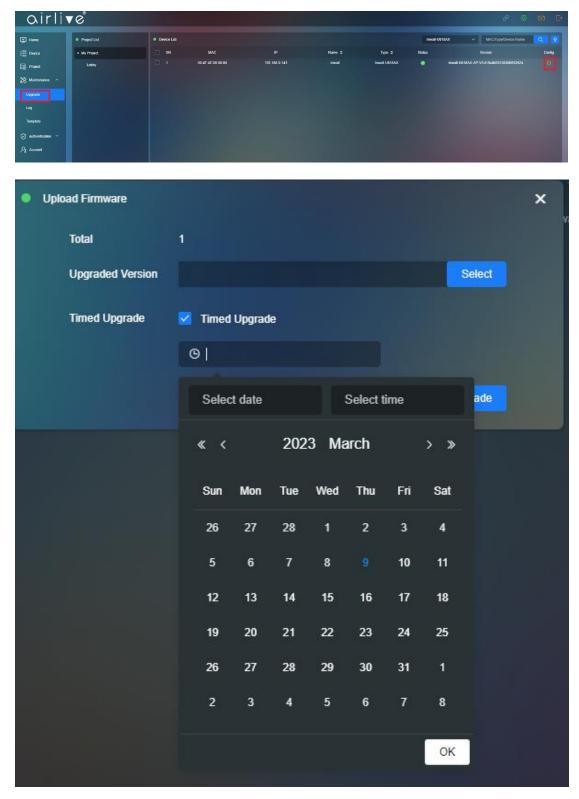
Project name: Input or edit the name of a project. Add content text into Project notes.

Add				×
	Superior Project	My Project		
	Project name	Lobby		
	Project notes	6 Access Point		
			14/100	
		Apply		

Chapter 7 Maintenance

7.1 Upgrade

With this function you can upgrade the firmware of a device directly or by schedule.



7.1.1 Batch Upgrade Firmware

With this function you can upgrade the Firmware for several devices atones by selecting (Check Mark) multiple devices. The Firmware can be updated directly, or it can be done via Time Schedule.

ect Liet vioject obty	мас		Name 0		Inwall-U61BAX	MAC/Type/Device Name	Q 🔮
			and a				
obby			Contraction of the local data	Type ©	Status	Version	Config
	60.4F.4E.00:00.00	192.168.0.143	imal	Inwall-U618AX		wall-U618AX-AP-V3.0-Build20230300092924	

7.1.2 Select per model

The Devices can also be selected per model.

airli	v e°							& @	ØĐ
I Home	Project List	Device List					Inval-	1818AX ~ MAC/Type/Device Name	Q 🔶
E Device	+ My Project		MAC		Name 🜩	Type ¢	Status	Version	Config
🗟 Project	Lobby		00:4F:4E:00:00:00	192.168.0.143	inwall	Inwal-U618AX		Inwal-U618AX-AP-V3.0-Build20230306092924	
💥 Maintenance 🗠									
Upgrade									
Template									
🛛 authentication 🗸									
Account									

7.2 Maintenance – Log

Log will display both the Configuration Log as well as the Upgrade Log

7.2.1 Configuration Log

The Configuration Log file will show the history per Date and Time of every change that was made in the aircloud. Click on the Config button to see more detail.

Home	Configuration	Log Upgrade Log				Al	~ (B	
Device	SN SN	Configuration Time 💠	Account	Nickname	MAC ¢	Content	Status ¢	Config
Project		2023-03-09 10:43:04	johmai	appletar001	00:4F:4E:00:00:00	Report Info	Command sent	
		2023-03-09 09:21:42	johniai	appletai001	00 4F 4E 00 00 00	Report info		
🖇 Maintenance \land		2023-03-08 17:14 15	johntai	appietai001	00.4F.4E.00.00.00	Modily device system into		
		2023-03-08 13:44:22	johniai	apple1a(001	00:4F:4E:00:00:00	Bind device	Successfully	
Upgrade		2023-03-08 11:09:03	johnlai	appletai001	00:4F 4E 00:00:00	Bind device	Successfully	
		2023-03-02 14 34 45	johetai	apple lai 00 1	00.4F.4E.00.00.00	Bind device	Successfully	2
		2023-03-02 09:27:40	johniai	apple la r00 1	00:4F-4E:00:00:00	Modify device WiFi into	Successfully	
Template		2023-03-02 09:22:29	johnisi	apple1at001	00:4F:4E:00:00:00		Command sent	D .
authentication ~		2023-03-02 09:22:24	johnlai	apple lai 00 1	00.4F 4E 00.00.00		Command seni	B .
		2023-03-02 09:22:15	johnlai	appletai001	00:4F.4E:00.00:00	Modify device WiFi info	Successfully	8
Account		2023-03-02 09:21:52	johniai	apple1ai001	00:4F:4E:00:00:00	Modify device WIFI into	Successfully	8
		2023-03-02 09:21:33	johniai	appletai001	00:4F.4E.00.00:00	Modify device WIFi info	Successfully	8
		2023-03-02 09:17:28	johniai	applotai001	00:4F:4E:00:00:00	Report info	Command serif	•
		2023-03-02 09:17:27	johniai	appletar001	00:4F:4E:00:00:00	Modify device system into	Successfully	B .
		2023-03-02 09:17:14	johniai	apple1ai001	00:4F 4E 00:00:00	Bind device	Successfully	8
		2023-03-01 17:36:29	johnlai	apple lai 00 1	00:4F-4E-00:00:00	Bind device	Command sent	•
		2023-03-01 17:32:47	johniai	applela(001	00:4F:4E:00:00:00	Bind device	Command sent	
		2023-03-01 15:02:01	johnlai	appletai001	00:4F:4E:00:00:00	Report info	Command sent	
	19	2023-03-01 13:46:05	johnkai	apple lai 00 1	00.4F.4E.00.00.00	Modily device system info	Successfully	2
	20	2023-03-01 13:45:54	johnlai	apple lat001	00:4F:4E:00:00:00	Modify device system into	Command sent	B

Detail Information.

•	Detail		×
	Account	johnlai	
	MAC	00:4F:4E:00:00:00	
	IP	192.168.0.33	
	Туре	Inwall-U618AX	
	Name	inwSS77	
	Version	Inwall-U618AX-AP-V3.0-Build20230301125958	
	Content	Modify device WiFi info[00:4F:4E:00:00:00]	
	Status	Successfully	
	Configuration Time	2023-03-02 09:27:40	

7.2.2 Upgrade Log

Select which Log information should be display.

All: Check all upgrade device

Wait for the upgrade: Devices waiting for the Firmware Upgrade

In the upgrade: Devices in Upgrade Firmware

Failed: Devices failed to Upgrade Firmware

Succussed: Devices which had a s successful Firmware Upgrade

airli	re								9 @ 🖾	Ð
Home	Configuration Log	Upgrade Log					A	∧ 🔝 Start date	- End date	
E Deutce		Configuration Time	Upgrade time	Order ID	Account	Version	All		Config	
Project							Wait for the upgrade			
🎇 Maintenance 🗠							In the upgrade			
Upgrade							Successed			
Log								_		
Template										
🧭 authentication 🗸										
Pg Account										

7.2.3 Upgrade Log per Date

Display the Firmware Upgrade Log per Date

I Home	Configuration Log	Upgrade Log						A				Star(da)	• •	End da	P	8
E Device		Configuration Time	Upgrade time	Order ID	Account			2023	March				203	23 Apri		
Project						Su	n Mon		ved Tr	Sat	Sun	Mon		Wed	mu r	'n Sa
🎇 Maintenance 🗠																
Upgrade																
Log																
Tompiato						19		21 28	22 Z							1 22
						28					30					t8 29 5 6
euthentication ~											30					
∕∕g Account																

7.3 Template

Make a Template which can be used to change the settings for multiples AP's in one go.

7.3.1 Template Add

Click on the Add Button to start making a Template.

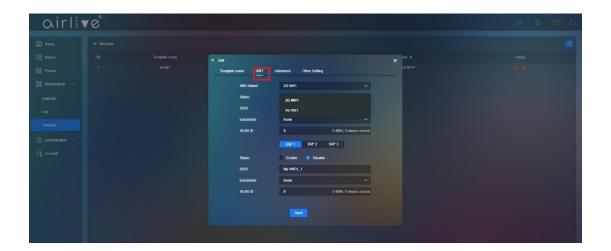
airli	▼¢				8 @ 🛛 🗗
I Home	Template				
E Device		Tempkale name	Create account \$	Creation time 🗢	Contig
Project		Install 1	johniai	2023-03-08 14:09:57	
X Maintenance ^					
Upgrade					
🥥 authentication 🗠					
Sy Account					

Template name: Input the Template name.

•	Add				×
	Template name	WiFi	Advanced	Other Setting	
	Templ	ate name	lobby		
			S	ave	

7.3.2 Template - Wi-Fi

Click to pre-configure the following Wi-Fi settings. 2G/5G Wi-Fi Enable/Disable, SSID: Input SSID name Encryption: None/WPA2/WPA3, Password: SSID password VLAN ID:0~4094 cannot choose 0, 0= Close VLAN ID VAP1~VAP3: Apply to multiple SSID these are the Virtual AP's Status: Enable/Disable, SSID: input SSID name Encryption: Enable/Disable VLAN ID: 0~4094 cannot choose 0, 0= Close VLAN ID



7.3.3 Template - Advanced

In Advanced the following additional settings can be made. Wi-Fi Select: Select either 2G or 5G User Isolation: Enable/Disable, Packet Threshold: (256~2346) RTS Threshold: (50~2347), Beacon Frame: (50ms~1000ms) Short GI: Enable/Disable, Coverage Threshold: (-95dBm ~ -65dBm) These settings can differ per model. Setup up the Wi-Fi operation schedule per device. Wi-Fi Time Off: Enable/Disable

Select the Time in which the Wi-Fi would not be available to clients.

airlin	1°						
						× me ÷	
		Templale name WIFI	Advanced Ot	her Setting		14.09.57	
		WIFI Select	2G WFI				
		User Isolation	Enable	 Disable 			
		Packet Threshold	2346		(256-2346)		
		RTS Threahold	2347		(50-2347)		
		Beacon Frame	100		(50ms-1000ms)		
		Short Gi	Enable	Disable			
		Coverage Threshold	-95		(-95dBm65dBm)		
		Wifi Time Off	Enable	O Disable			
		Time Range	© 01:00		© 03:00		
					02		
					03 00		
					04 01		
					Cancel OK		

7.3.4 Other Setting

Other settings will allow you to setup an automatic Reboot schedule for the device as well as changing the device Password.

Time Reboot: Enable/Disable

Time: Set Time set schedule

Interval: 1~10Day

Input the Device Password, the Default Device Password is admin.

airlin	r c°		
		• Add x mg +	
		Templale name WIF1 Advanced Other Setting	
		Timed Reboot 🔹 Enable 🔍 Disable	
		Time Existy Day 🗸 0.00 🗸	
		● interval 10ay ✓	
		Device Parsoward	
		Save	

Chapter 8 Authentication

8.1 Authentication - Portal

Setup the name the clients will see when they connect to the network, also your own background images can be uploaded and landing page can be setup.

8.1.1 Portal Page Setup

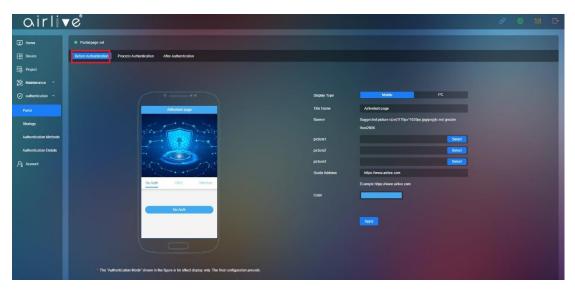
Display Type: Mobile/PC note that both Mobile and PC can have different images. Title Name: Enter the Title Name of your network which clients will see.

Banner: Note that both the Mobile and PC use different image sizes.

Suggested picture size Mobile (1170px*1020px.jpg/png) not greater than 200Kb.

Suggested picture size PC (1920px*500px.jpg/png) not greater than 200Kb.

Guide Address: This is the landing page clients will be redirect to after a successful login.

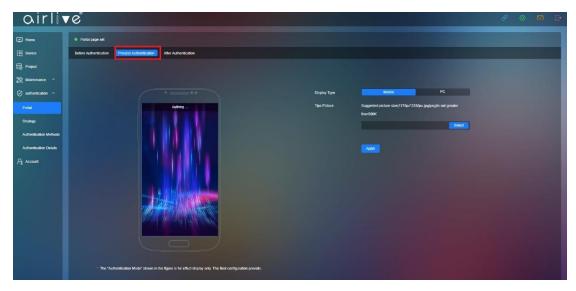


Color: this is the Color of the banner on the top.

8.1.2 Process Authentication

Display Type: Mobile/PC

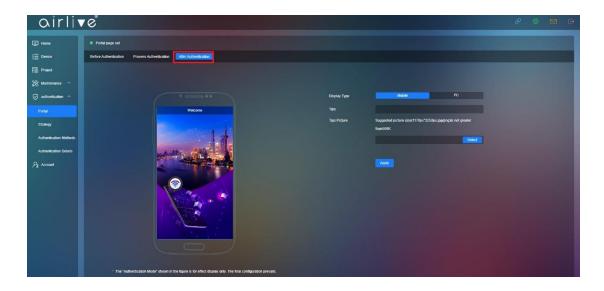
Suggested picture size Mobile (1170px*2280px.jpg/png) not greater than 500Kb. Suggested picture size PC (1920px*1080px.jpg/png) not greater than 500Kb.



8.1.3 After Authentication

Display Type: Mobile/PC

Suggested picture size Mobile (1170px*2250px.jpg/png) not greater than 500Kb. Suggested picture size PC (1920px*1080px.jpg/png) not greater than 500Kb.



8.2 Strategy

Create a policy according to your network needs then Save. IP or MAC addresses can be added to either the White or Blacklist to included or exclude them from the policy.

8.2.1 Strategy Set

Click Add to make a new Strategy



Strategy Set

Strategy Name: Enter the Name for the Strategy Validity Authentication: 1~10Day, permanent White List: IP address/MAC Address Black List: IP address/MAC Address

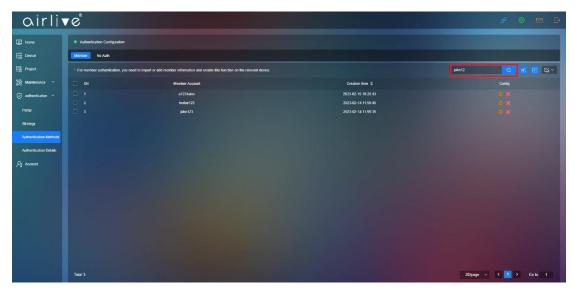
Strategy Set			×
Strategy Name			
Validity Authentica	One Day	~	
tion			
White List	IP.	MAC	
	Multiple addresses separated	d by ","	
Black List	IP	MAC	
	Multiple addresses separated	d by ","	
		Save	

8.3 Authentication Methods

Also see Chapter 3 for a quick introduction. Add Members which will be able to connect to the network.

8.3.1 Authentication Configuration

Search bar: Input keyword to search user from the list.



8.3.2 Import

With this function you can Download and Import an excel list with all the Members. When adding new member via the Import function use the Download Excel file as template.

airli	∕ Ĉ				0	3 🛛 G
E Homo	Authentication Configuratio	n in the second se				
E Device	Meentar No Auth					
Project	• For member authentication,	you need to import or add member information and enable this function on the relevant device.		john 12	Q	6 B 6 -
🎇 Maintenance 🗠		Member Account	Creation time 🗢		Conlig	Import
🧭 authentication 🗠		a1234alex	2023-02-15 16:20:43			
		tookie 123	2023-02-14 11:59:46			
Portal		john123	2023-02-14 11:59:35			
Strategy						
Authentication Methods						
Authentication Details						
Pg Account						

Upload file that been made by admin

Import		×
Member Info	Select	
	wnioad	
	Save	

8.3.3 Add Member

To Add a single member to the list, Click on Add Member.

You will now be able to Enter a Member Account name and Login Password.

To Edit a Member Account Check Mark the Account and press the Config Icon.

airli	0°				0 🛛 🗗 🗗
I Home	Authentication Configuration				
[Device	Member No Auth				
🗟 Project	* For member sufficiation, you need to import or add member infor	ination and enable this function on the relevant device.		john12	Q 🖻 🖽 🖼 🗸
💥 Maintenance 🗸	SN Monto	er Account	Creation time 🗢		Config Add Member
authentication ^		134alex Kic 123	2023-02-15 16 20:43 2023-02-14 11 59 46		
Portal		m123	2023-02-14 11:59:35		
Stralogy					
Authentication Methods					
Authentication Details					
₽g Account					
Add	Member				×
i.	Member Account	kevin123			
	Login Password			۵	
				Save	

8.3.4 Delete Member

To Delete a Member Check mark the Member Account and press the Red X. Multiple Accounts can also be deleted via the Batch Delete.

airli	r c ^ë				e @	
I Home	Authentication Configuration					
E Device	Member No Auth					
Roject	For member authentication, yo	ou need to import or add member information and enable this function on the relevant device.		john 12	Q	6 🗉 🗠 -
🛠 Maintenance 🗠	SN SN	Member Account	Creation time \$		Config	Batch Delete
🥥 authentication 🗠		a1234alex	2023-02-15 16:20:43			
		tookie123	2023-02-14 11:59:46			
Portal		john123	2023-02-14 11:59:35			
Strategy						
Authentication Methods						
Authentication Details						
₽g Account						

8.4 Authentication Details

This function will display the Members which are connected to the network and which made a successful connection also the time will be displayed.

8.4.1 Display by login type

Display All, No Auth or Members



8.4.2 Search by MAC

Search a Member by MAC Address

airli	re [®]							0 🛛 🖻 🗗
I Home	Authentication Details						No Auth v MAC	۵ 🖬
E Device		MAC Users	Account	Authentication Method 💠	Device MAC	Device Name	Authentication Status ≑	Authentication Time 💠
Project								
🛠 Maintenance 👻								
euthentication ^								
Portal								
Stratogy								
Authentication Methods								
Authentication Details								
Pg Account								

8.4.3 Export

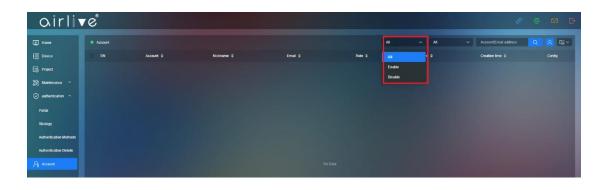
Export Member list by date

airli	re								2 0 🖻 🗗
Home									
[Dence			Export authentication	en liist			<		
Project			Date export	E 2023-03-08					
💥 Maintenance 👻					2023	March			
				Sun Mon	Tue W	ed Thu	Sat		
					7 🤇				

Chapter 9 Account

9.1 Search Account

Display All or only Enabled / Disabled Accounts.



9.2 Search Account Type

Display All or only Admin / Guest Accounts.

airli	re"								Ð	0	M B
I Home	Account				Al	~	N	^	Account/Email address	Q	8 6~
[블 Device		Account ¢	Nickname \$	Email ¢	Role ¢	Statur	All		Creation time 💠		Config
Project							Admin				
💥 Maintenance 🗸							Guest				
⊘ authentication ∧											
Portal											
Strategy											
Authentication Methods											
Authentication Details											
Pg Account											

9.3 Create Account

Create an Account to co-work current Account

airli	1°						Ø	M D
Home	Account				Al	~ AI	 Account/Ermail address 	2 2 6-
[블 Device		Account ¢	Nickrame ¢	Email \$	Role \$	Status 🗢	Creation lime ≑	Create Account Currey
Project								
💥 Maintenance 🗸								
Suthenfication ^								
Portal								
Strategy								
Authentication Methods								
Authentication Details								
Pg Account								

Enter the Account Information. Account: Name of the Account Nickname: Nickname of the Account Password: Password of the Account Mobile, Email Role: Role of the Account Admin/Guest Status: Enable/Disable Binding Project: Bind the Account to a certain project.

Create Account		×
Account		
Nickname		
Password		
Mobile	China(86) V	
Email		
Role	Madmin 💿 Guest	
Status	💿 Enable 🔘 Disable	
Binding Project	👻 🔽 My Project	
	Lobby	
	Save	

9.4 Account Password Reset and Delete

Reset user password or delete account

