WLAN-64GM Enterprise Wireless Controller & Gateway

WLAN-128GM Enterprise Wireless Controller & Gateway

QIG





Chapter 1. Product Introduction

1.1 Package Contents WLAN-64GM and WLAN-128GM

Before using this Wireless Controller, please check if there is anything missing in the package, and contact your dealer of purchase to claim for missing items:

- WLAN-64GM or WLAN-128GM Wireless Controller
- Power Adapter (WLAN-6GM)
- Power Cable (WLAN-128GM)
- Mounting Ears
- Installation Guide

Chapter 2. Hardware Installation

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2.1 WLAN-64GM and WLAN-128GM Port description.
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WLAN-64GM



WLAN-128GM

LED Description.

LED	Status	Function					
	On (Green)	Wireless Controller is powered on					
PWR	Off	System is off					
	Blinking (Green)	Wireless Controller is working					
Kun	Off	No traffic					
WAN/LAN	Blinking	Cable connected and Data Transfer					

Port Description.

Port	Description					
12V DC	12V DC port for WLAN-64GM only					
WAN	WAN port connecting to Modem or Router					
LAN 1~4	LAN port connecting to the network equipment.					
	To restore to the factory default setting, press and hold the Reset Button for					
Reset	about 10 seconds, and then release it.					

2.2 WLAN-64GM, WLAN-128GM Hardware installation.

Connect the Wireless Controller via the WAN port to an Internet connection via a Modem or Router. To control the Access Points connect them direct to the LAN ports of the controller via a (PoE) Switch. The AirLive TOP-12AC, TOP-18AX and inWall-U618 as well as several outdoor CPE models are support by the Wireless controller.





Chapter 3. Quick Installation Guide

3.1 WLAN-64GM, WLAN-128GM , Web login Management.

This chapter will show you how to configure the basic functions of your Wireless Controller within minutes.

TCP/IP Configuration.

The default IP address of the Wireless Controller is 192.168.10.1. By default, the Wireless Controller has DHCP turned on and the device will give out IP addresses directly when a computer is connected to the LAN ports. No additional setup has to be done.

3.2 Initial Setup in the Web UI.

Input 192.168.10.1 into the browser, when this the first the time setup the Setup Wizard will start. Enter your own new Username and Password to start using the Wireless controller

airli√e		
	Intelligent	
	Change the device management password and complete the system configuration	
	* New username	
	* New password	
	* Confirm password	
	ок	

3.3 Wizard

Continue with the Wizard or press Skip to go directly to the Home Page of the Wireless Controller.

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	Setup Wizard
	The Setup wizard allows new users to quickly complete basic Settings on the device. You can also skip this step and directly configure the device.
	The Setup wizard completes with function Settings:
	1 Wireless ···→ 2 Network Settings ···→ 3 Other
	Skip Setup Wizard

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3.4	Wizard Wireless The settings which are	1 Wireless	2 Network Settings	3 Other				
	entered in this field will be used as the default	Wireless						
	template for all the Access							
	Points which will be	Status	• Enable Disable					
	connected to the Wireless	SSID	Wireless					
	Controller. Select Enable or							
	Disable the wireless status,	Encryption	WPA/WPA2PSK	~				
	Enter your SSID name and	Password	••••••	۵				
	wireless encryption.							
			Next					

3.5

Wireless	2 Network Settings	3 Other	Wizard Network WAN For the WAN setup sel the Internet Access ty
	Wan Setting Lan Setting		for your connection, the can be DHCP. Static IP.
Internet Access	Dhcp	Scanning Access Mode	PPPoE or Bypass. Or p Scanning Access Mode
MTU	1500	(1400-1500)	automatically select th

3.6 Wizard Network LAN Change the LAN IP address of the Wireless Controller as well as the Start and End IP Address range and the DNS.

Wireless	Network Settings	Other
	Wan Setting	
IP Address	192.168.10.1	
Subnet	255.255.255.0	
Dhcp Service	Enable Disable	
Start IP	192.168.10.1	
End IP	192.168.10.254	
Primary Dns	8.8.8.8	
Secondary Dns	8.8.4.4	
Dhcp Lease Time	24 Hour	~

3.7

F	teboot Regularly	
System Time	2023-03-16 14:37:22	
Reboot Regularly	• Enable Disa	ble
Reboot Time	Everyday v 1	:00 ~
 Reboot Interval 	1Day	

Wizard Network Other

The Wireless Controller can automatically reboot on a fixed time. Select to Enable or Disable this function. After this select the Reboot Time and the Reboot Interval.



3.8 Starting Setup in the Web UI.

It is easy to configure and manage the Wireless Controller with a web browser. Input 192.168.10.1 into the browser (When you changed the default IP address of the Wireless Controller in the Wizard, please use your new IP Address), When the Wireless Controller has been setup using the Wizard enter your own new Username and Password. When you clicked Skip in the Wizard setup, you would go directly to the Home Page of the Wireless Controller but with the next login the main login page as below will be shown.

To change the language settings from English to Spanish click on the "v" to open the menu.

airli√e		English 🛛 👻
	R Please input user name	
	P Please input password	
	Login	
	Forget password	
	R WLAN128GM	
	Firmware Version WLAN-128GM-V2.0-Build20230303105108	

Chapter 4. Configure the Wireless Controller

4.1 Main Home Page.

The below web GUI and the topology used in this guide uses the WLAN-128GM as an example. It is easy to configure and manage the Controller with the web browser. The Home Page of the Wireless Controller shows an overview of the settings and several quick links.

Throughput					 Use 	1 er Count	95 Link	1 Online AP	0 Offline AP
							War	n-Down –O– V	Van-Up – <mark>O</mark> –
391Kb									
293Kb									
196Kb									
98Kb									
11:09:04 11:09:05			11:09:10		11:09:15			11:09:20	11:09:23
Uptime 5Day21:05:16									
	LAN 🚺		IPTV / LÂN	WAN 🕕			8	User	Device
					23%	1%			
					Memory	CPU	\odot	Firewall	Network
Wan Type DHCP 黴	Wan IP 192	2.168.0.224	Lan Type	Static IP					
Device Config 🛭 🛜 🏟	Subnet 25	5.255.255.0	Lan IP	192.168.10.1	0				
System Log 🛛 🧔 🌼	Gateway 192	2.168.0.185	Subnet	255.255.255.0	Device	Position WLA	AN128GM		\$
Remote Login 🛛 🚥 🌼	Wan Dns 8.8	.8.8	Gateway	0.0.0.0					
DhcpServer 🛛 📾 🌼	Wan MAC 00:	4F:4E:00:00:00	Lan Dns	0.0.0.0					
Version WLAN-128GM-V2	.0-Build20230303105	108 Sy	stem Time 2	023-03-16 11:09:18					

Quick Links

Click on the cog icon 🌼 to directly go to the settings without going through the menu.

Click on the Blue, Green, Orange and Red Buttons to go direct to these settings, without going through the menu.



The Home page includes the following fields:

Object	Description
Throughput	Shows the current status of the WAN port UP and Downstream graph
LAN	Shows the current LAN status and IP information
WAN	Shows the current WAN status and IP information
Device Position	You can enter the device description.
Memory	Current % of internal memory in use
CPU	Current CPU load
Version	Shows the current device firmware version.

4.3 Device – AP List

AP list will show all the Access Points which are connected to the Wireless Controller. The Access Points will automatically appear when they are set to on "Get IP from AC" in their webGUI. When multiple different models of Access Points have been added they can be separated by model or by online/ offline devices. By default, All Models are shown, click on the All Models button and a single model can be selected, now only Access Points of the same model will be shown. Click on All Device to choose between Online and Offline device. To search a selected Access Point enter it's IP or MAC Address in the search field and the device will be displayed.

airli	▼ ©		Home	Device	Network		Firewal						88	G
All Models	All Dev	ice 🗸	User 1	Device total 1	Online AP 1	Offline A	\P 0	E	nter IP / MAC	>	Q 😌	Bat	ch Config 丶	~
Sn	Position ≑	IP 🌲	MAC ≑	\$ \$ID	Users ≑	Status 💠	Channel		Txpower	Model	Version ≑	Uptime 🌲	Config	
🗌 1 ir	nWall-U618AX 📪	<u>192.168.200.2</u>	00:4F:4E:00:00:00	Wireless 2.4G_00	1 🚜	Online	Auto [12] Auto [36]	62, 62,	100% 100%	Inwall-U618	V3.0-Build20230306092924	23:56:35	ţ.	

4.4 More information

For more information on the detailed settings of the AirLive Wireless Controllers please see the Userguide. The Userguide can be downloaded from the AirLive website <u>www.airlive.com</u>