

WLAN-64GM
Enterprise Wireless Controller & Gateway

WLAN-128GM
Enterprise Wireless Controller & Gateway

QIG



Ver. 2.0

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-64GM)
- Power Cable (WLAN-128GM)
- Mounting Ears
- Installation Guide

Chapter 2. Hardware Installation

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



WLAN-64GM



WLAN-64GM v2



WLAN-128GM

LED Description.

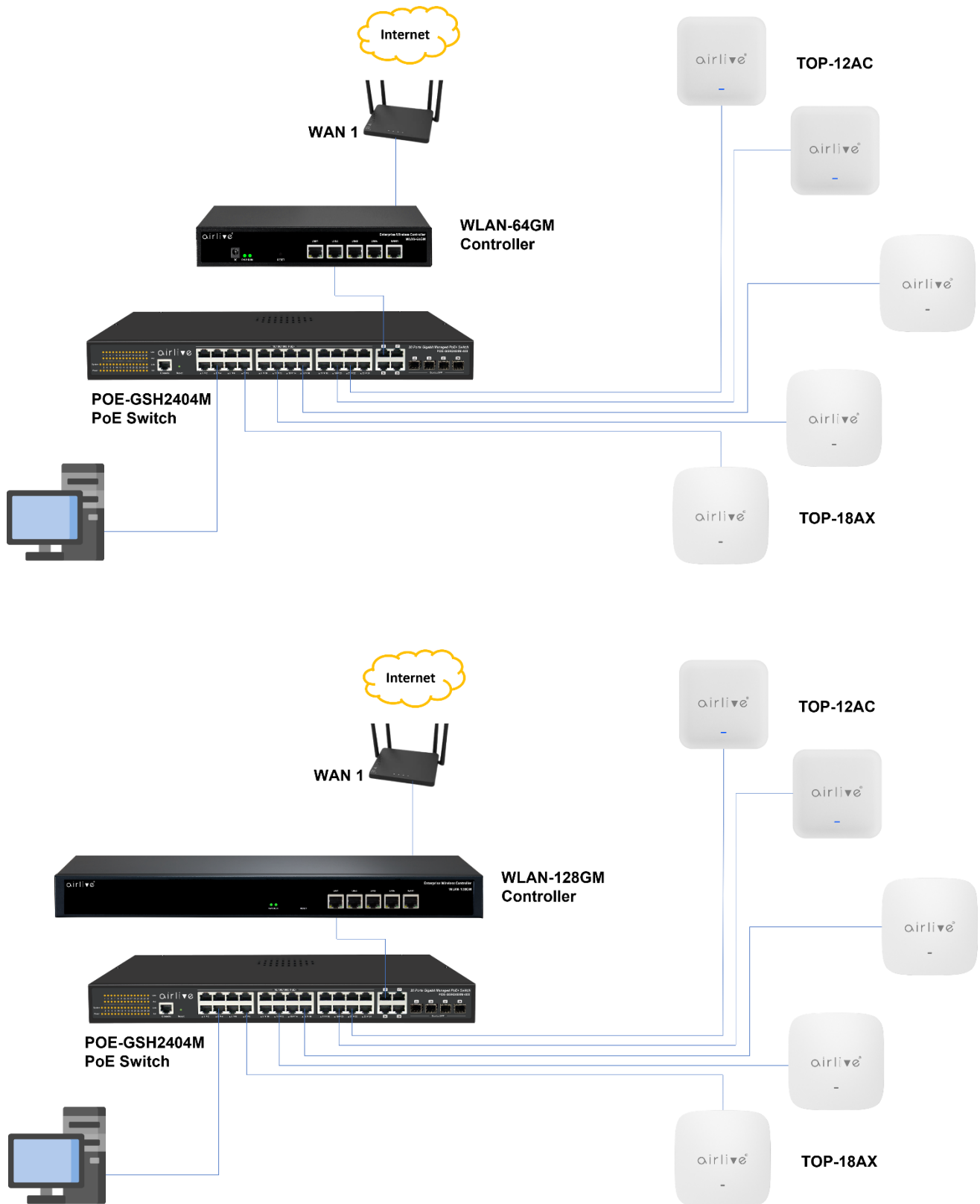
LED	Status	Function
PWR	On (Green)	Wireless Controller is powered on
	Off	System is off
Run	Blinking (Green)	Wireless Controller is working
	Off	No traffic
WAN/LAN	Blinking	Cable connected and Data Transfer

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.
Console Port	1x RJ45 Console port for WLAN-64GM v2 only
USB Port	1x UBS3.0 port for WLAN-64GM v2 only (not in use)
Reset	To restore to the factory default setting, press and hold the Reset Button for 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.

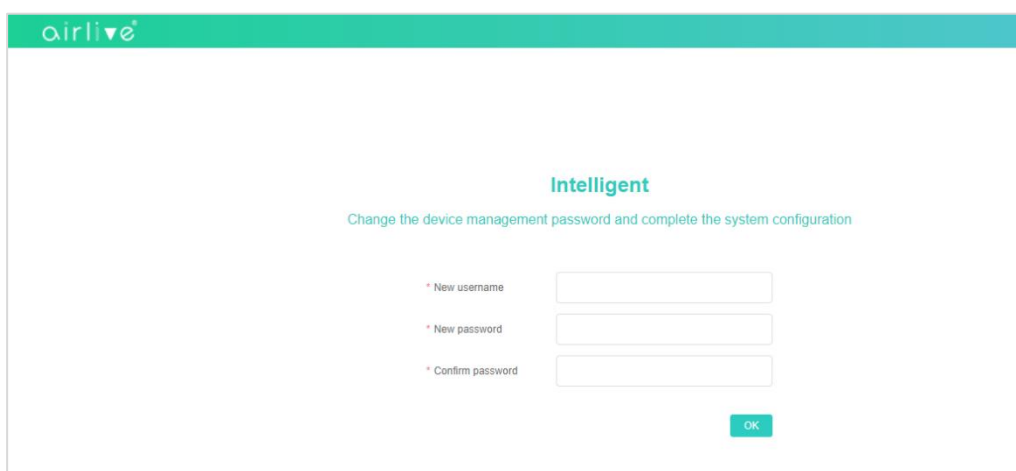
This chapter will show you how to configure the basic functions of your Wireless Controller within minutes.

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.

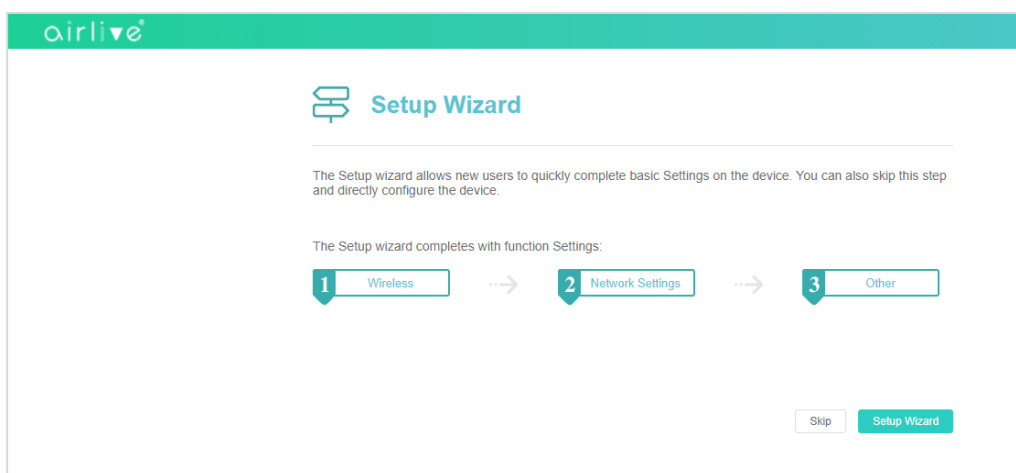
3.2 Initial Setup in the Web UI.

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



3.3 Wizard

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



3.4 Wizard Wireless

The settings which are entered in this field will be used as the default template for all the Access Points which will be connected to the Wireless Controller. Select Enable or Disable the wireless status, Enter your SSID name and wireless encryption.

3.5

Wizard Network WAN

For the WAN setup select the Internet Access type for your connection, this can be DHCP, Static IP, PPPoE or Bypass. Or press Scanning Access Mode to automatically select the Internet Access.

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.

3.7

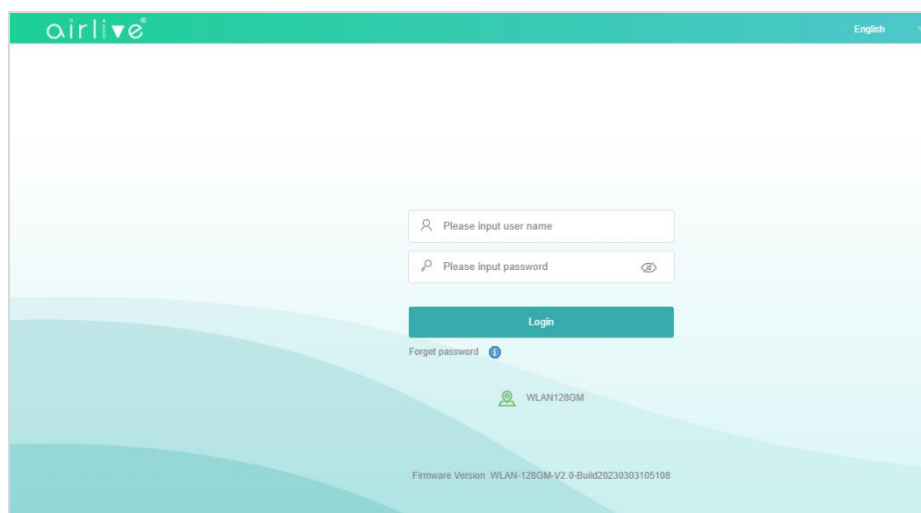
Wizard Network Other

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.

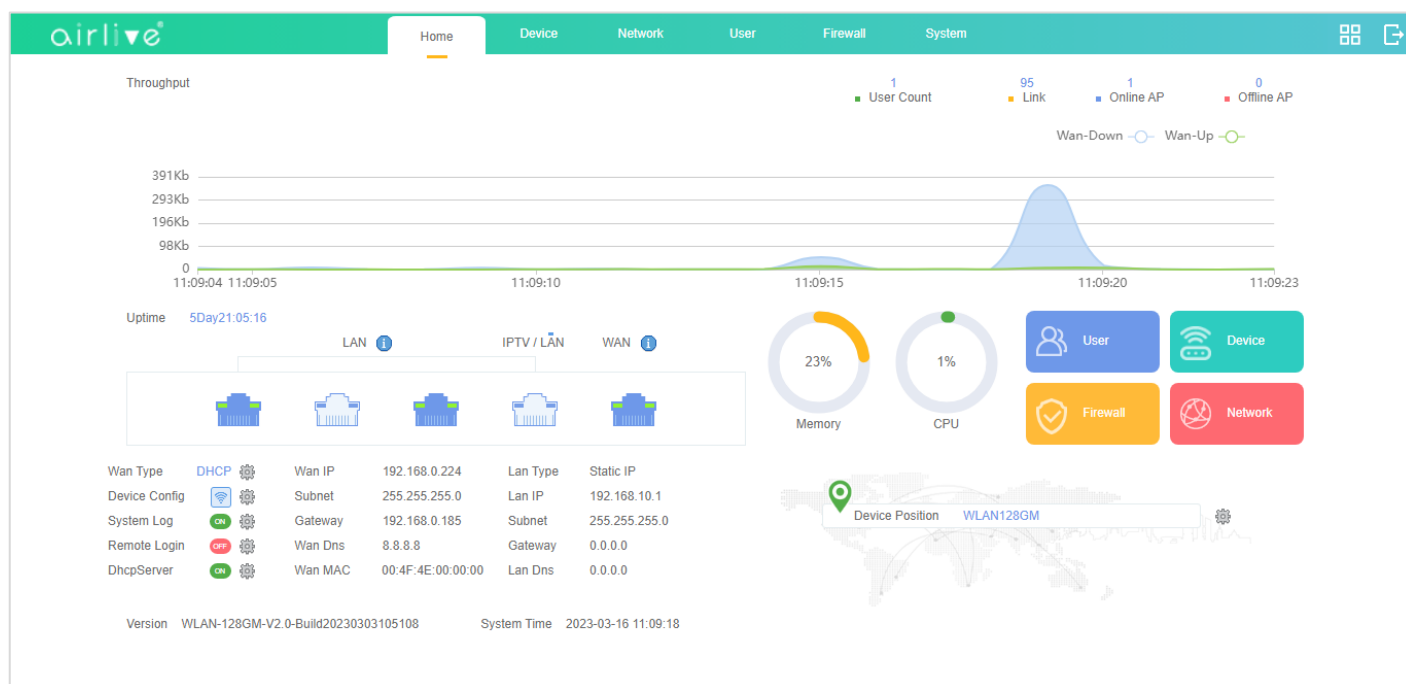
To change the language settings from English to Spanish click on the “v” to open the menu.



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.



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.

airlive®													
Home		Device		Network		User		Firewall		System			
All Models		All Device		User 1		Device total 1		Online AP 1		Offline AP 0		Enter IP / MAC	
												Batch Config	
	Sn	Position	IP	MAC	SSID	Users	Status	Channel	Txpower	Model	Version	Uptime	Config
☐	1	inWall-U618AX	192.168.200.2	00:4F:4E:00:00:00	Wireless 2.4G_00... Wireless 5.8G_00...	1	Online	Auto [12] Auto [36]	100% 100%	Inwall-U618...	V3.0-Build20230306092924	23:56:35	

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 www.airlive.com