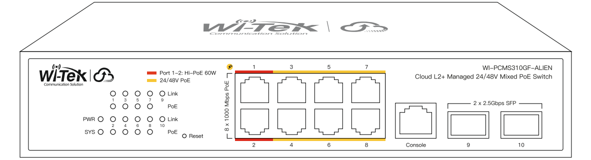
Quick Installation Guide

Cloud L2+ Managed 24/48V Mixed PoE Switch

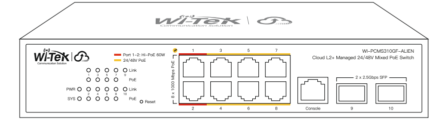


WI-PCMS310GF-ALIEN

www.wireless-tek.com

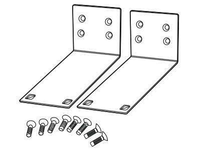
---

1. Packing Content

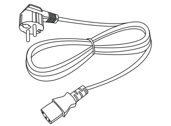


Switch x 1

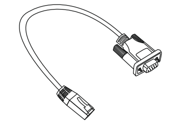
Quick Installation Guide x 1



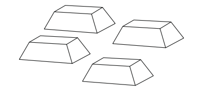
Mounting Accessories
(Hook x 2, Screw x 8)



AC Power Cord x 1



Serial Line x 1

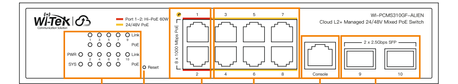


Mats x 4

2. Appearance Overview

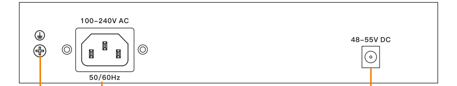
For WI-PCMS310GF-ALIEN

- Front Panel



LED Indicators
Reset Button
2 * 10/100/1000Mbps 60W Hi-PoE / 24V Passive PoE Ports
6 * 10/100/1000Mbps 30W PoE+ / 24V Passive PoE Ports
Console Port
2 * 1000/2500Mbps SFP Slots

- Top Panel



Grounding
AC 100-240V 50/60Hz Power Port
DC 48-55V Input Power Port

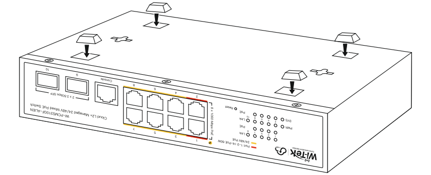
- LED Indicator and Button

LED Indicator & Button	Description
PWR(Green)	Solid On: The device is powered on normally Off: The device is power off or failed
SYS(Green)	Solid On/Off: The system is being started or abnormal Blinking: The system is working normally
Link (Green)	Solid On: Indicates the link through that port is successfully established Blinking: Indicates that the port is actively TX/ RX data Off: No device is connected to the corresponding port
PoE(Green or Yellow)	Green Solid On: There are PoE powered device(PD) connected to it and it is receiving normal power supply of 24V Yellow Solid On: There are PoE powered device(PD) connected to it and it is receiving normal power supply of 48V Off: No PoE powered device (PD) connected Blinking: Indicates port abnormal PoE supply
Reset	Hold for >5 sec. to restore factory default

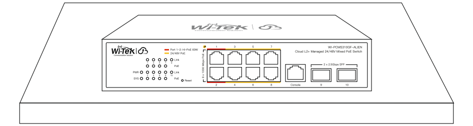
3. Installation

- 3.1 Desktop Installation

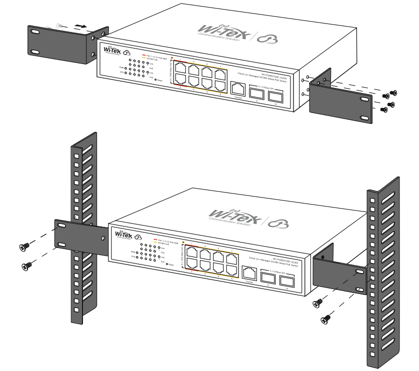
Step1: Attach the mats to the bottom four corners of the switch.



Step2: Place the switch horizontally on the desktop.

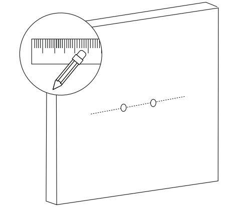


- 3.2 Rack-mount Installation

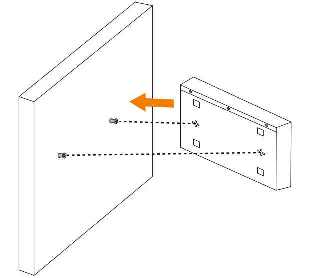


- 3.3 Wall-mount Installation

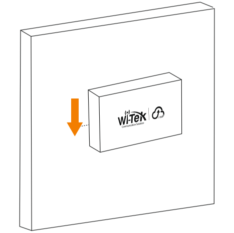
Step1. Install the Switch by following the steps: Fix 2 screws on the wall to align the 2 fixing holes on the Switch, as shown in the figure below, and hang the Switch smoothly on the screws.



Step2. Fix 2 screws on the wall. Leave the screws at least 1.5mm outside the wall to ensure that the switch can be firmly hung on the screws.



Step3. Fasten the switch to the screws through the two installation holes at the bottom of the switch. Place the switch ports side down, and the two sides of the switch are perpendicular to the ground.

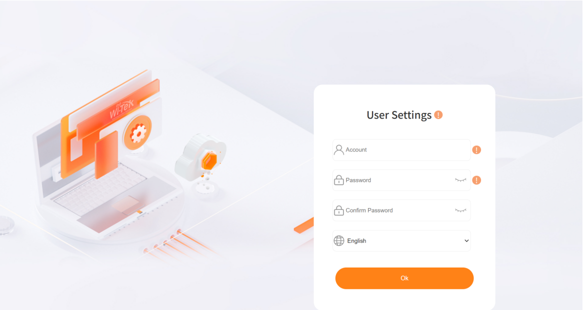


4. Configuration

- **Log in to the switch locally**

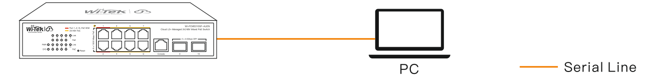
Let the Switch obtain an IP address and then check the DHCP server to see which IP address was assigned.
The Switch is set to DHCP by default, so it will try to obtain an IP address automatically.
If that fails, then it will use the default fallback **IP address, 192.168.0.1**

To log in, follow these steps:
1. Launch your web browser. you type the appropriate IP address in the address bar.
2. The login screen will appear. In the factory state, **the first login requires setting an account and password.**



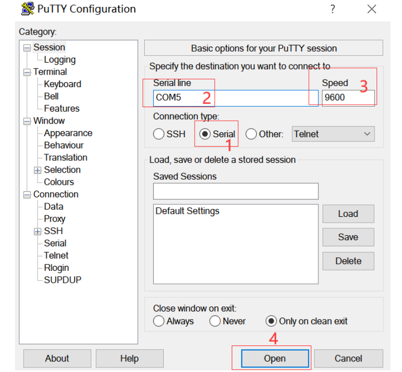
- **Use the console cable to access the switch**

Connection Diagram:

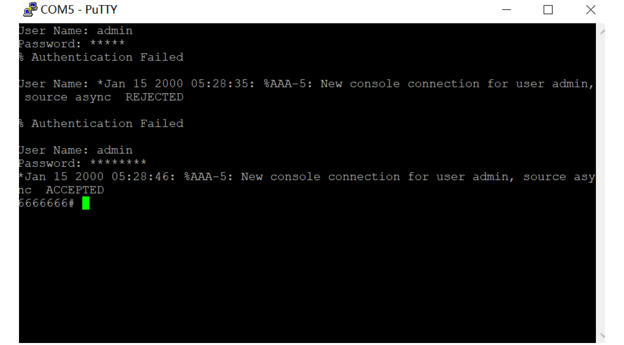


Step 1 Download a PuTTY software
Step 2 Use the Console cable to connect the computer and the switch as shown in the above figure
Step 3 Set the com port number of the Console line and the baud rate of the switch in the software (steps as shown in the figure below).

Notice:
Step 2 is your computer recognizes the COM number of the Console line
Step 3 is the baud rate of the switch (the baud rate of the switch is 9600)



Serial line: COM5
Speed: 9600
Connection type: ○ SSH ● Serial ○ Other: Telnet
Close window on exit: ○ Always ○ Never ● Only on clean exit

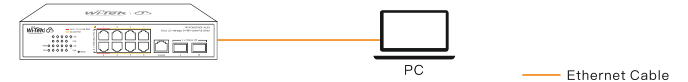


```
User Name: admin
Password: *****
% Authentication Failed

User Name: *Jan 15 2000 05:28:35: %AAA-5: New console connection for user admin,
 source async  REJECTED

% Authentication Failed

User Name: admin
Password: ********
*Jan 15 2000 05:28:46: %AAA-5: New console connection for user admin, source asy
nc  ACCEPTED
6666666#
```

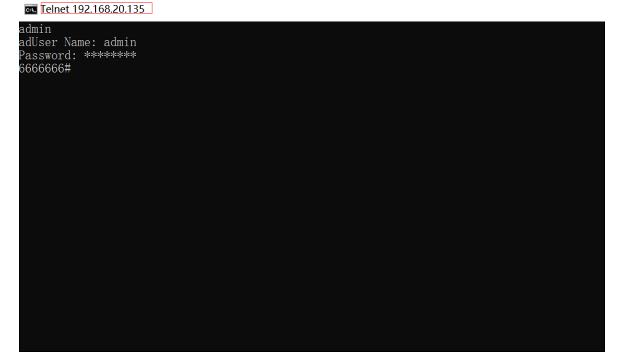
Note: The first login requires setting up an account and password.

- **Use Telnet to log in to the CLI mode of the switch**

Connection Diagram:



Step 1 Configure the IP address of the computer and the IP address of the same segment as the switch
Step 2 Open the cmd window of the computer
Step 3 Enter Telnet followed by the management IP address of the switch (for example, if the management IP address of the switch is 192.168.0.1, enter Telnet 192.168.0.1)



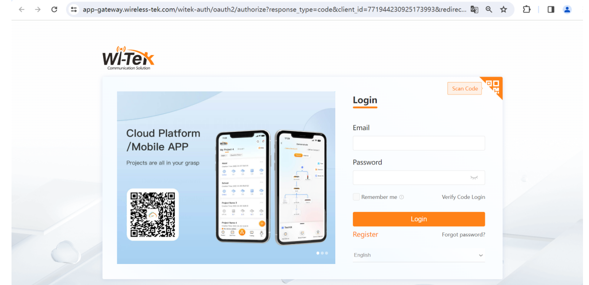
```
Telnet 192.168.20.135
admin
adUser Name: admin
Password: ********
6666666#
```

Note: The first login requires setting up an account and password.

- **Cloud login switch configuration**

1. Log in to the cloud management page

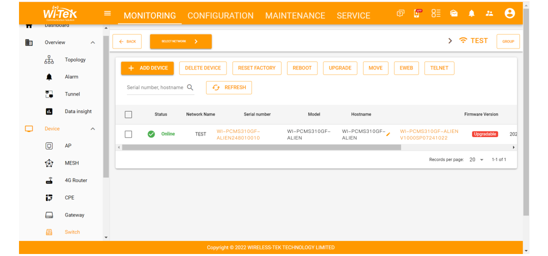
(No account, you need to register an account to log in, The URL is http://cloud2.wireless-tek.com)



app-gateway.wireless-tek.com/witek-auth/oauth2/authorize?response_type=code&client_id=771944230925173993&redirec...

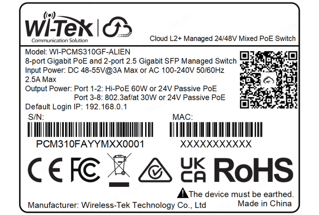
2. Enter the cloud binding switch

(Explain: The switch must be connected to the internet to bind successfully)

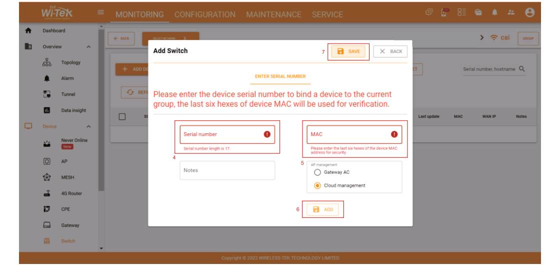


Status	Network Name	Serial number	Model	Hostname	Firmware Version
Online	TEST	WI-PCMS310GF-ALIEN248010010	WI-PCMS310GF-ALIEN	WI-PCMS310GF-ALIEN	WI-PCMS310GF-ALIEN V1000SP07241022

Please enter the device serial number and the last six hexes of the device MAC address to bind a device to the current group, device can be off when binding.
(Explain: The 17-digit SN code and MAC address of the switch are shown on the sticker on the back of the switch as shown in the figure below)



Cloud L2+ Managed 24/48V Mixed PoE Switch
Model: WI-PCMS310GF-ALIEN
8-port Gigabit PoE and 2-port 2.5 Gigabit SFP Managed Switch
Input Power: DC 48-55V@3A Max or AC 100-240V 50/60Hz 2.5A Max
Output Power: Port 1-2: Hi-PoE 60W or 24V Passive PoE
Port 3-8: 802.3af/at 30W or 24V Passive PoE
Default Login IP: 192.168.0.1
S/N: PCM310FAYYMXX0001
MAC: XXXXXXXXXXX
The device must be earthed.
Manufacturer: Wireless-Tek Technology Co., Ltd
Made in China



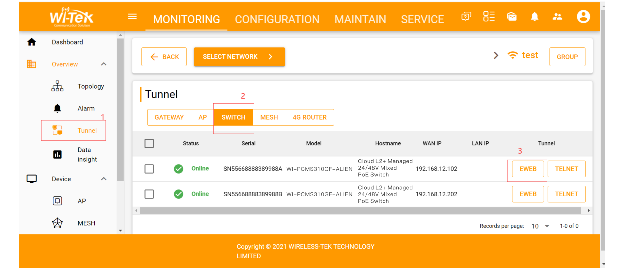
Add Switch

Please enter the device serial number to bind a device to the current group, the last six hexes of device MAC will be used for verification.

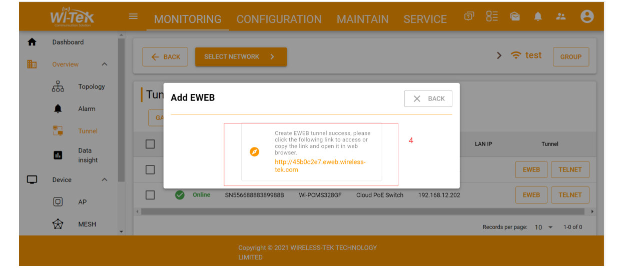
SAVE
BACK
ENTER SERIAL NUMBER
Serial number
Serial number length is 17.
MAC
Please enter the last six hexes of the device MAC address for security
Notes
Gateway AC
Cloud management
ADD
4
5
6
7

3. After binding, you can use the Switch in the Tunnel option in the cloud management, and then use EWEB to enter the switch.

(After entering the switch, you can configure it based on your own needs)

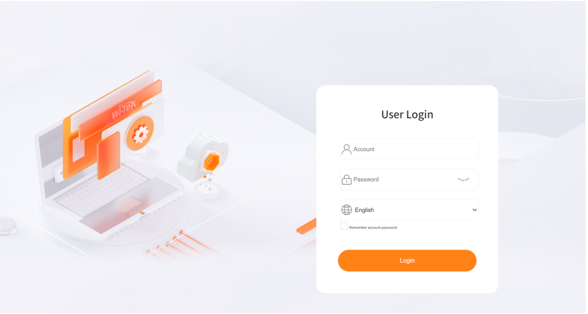


Status	Serial	Model	Hostname	WAN IP	LAN IP	Tunnel
Online	SN55668888389988A	WI-PCMS310GF-ALIEN	Cloud L2+ Managed 24/48V Mixed PoE Switch	192.168.12.102		EWEB TELNET
Online	SN55668888389988B	WI-PCMS310GF-ALIEN	Cloud L2+ Managed 24/48V Mixed PoE Switch	192.168.12.202		EWEB TELNET



Add EWEB

Create EWEB tunnel success, please click the following link to access or copy the link and open it in web browser.
http://45b0c2e7.eweb.wireless-tek.com



Warranty Card

Username	
Address	
Telephone No.	
Purchase Shop	
Purchase Address	
Product Model No.	
Purchase Time	
Serial No.	
Dealer Signature	

- If the product defects within the warranty period, we will provide professional maintenance service.
- Proof of purchase and a complete product serial number are required to receive any services guaranteed as part of the limited warranty.
- Any other defects that are not caused by workmanship or product quality, such as natural disasters, water damage, extreme thermal or environmental conditions, sticker damaged, warranty card loss will disqualify the product from limited warranty.

Technical Support
Company Website
Cloud Management

Wireless-Tek Technology Limited
Address: Building 3, Units 1801-1807, 1812,
Huaqiang Era Plaza, Tangwei Community,
Fuhai Street, Bao'an District, Shenzhen City,
Guangdong Province, China.
Website: www.wireless-tek.com
Tel: 86-0755-32811290
Email: sales@wireless-tek.com
Technical Support: tech@wireless-tek.com