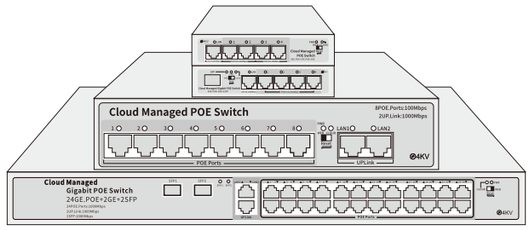
封面

105.00 mm

The Series of Cloud-managed PoE Switches

User Manual



Product description

This product is a cloud-managed Ethernet POE-powered switch, which independently developed by our company. It provides multiple Ethernet adaptive RJ45 ports, which can be applied to various monitoring and security, data communication projects; supports remote mobile phone access to switch operation status monitoring and various network function management; can manage switch remotely through APP "Amitres IOT", can remotely view the management switch port, and also supports login management through web pages.

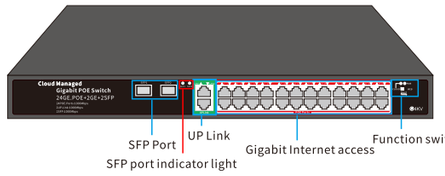
Product Features

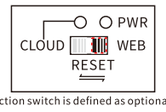
- ◆ Comply with IEEE 802.3 Ethernet, IEEE 802.3 U Fast Ethernet, IEEE 802.3 ab protocol standards.
- ◆ POE power supply mode, supports the terminal equipment with IEEE 802.3AF/AT;
- ◆ Support 802.1Q VLAN、mtu-VLAN and port-VLAN, which are suitable for a variety of networking business needs*.
- ◆ Support spanning tree protocols: STP (IEEE802.1d), RSTP (IEEE802.1w)*.
- ◆ Support MAC address and port binding.
- ◆ Support port rate limiting and port mirroring.
- ◆ Support broadcast/multicast storm suppression*.
- ◆ Support DHCP Snooping function*.
- ◆ Support port traffic statistics.
- ◆ Support web management, mobile phone remote management, APP management and other diversified management and maintenance methods.

Items marked with * are selected according to different product models

Product Display

The display is representative of the product, the actual object may be different, but the function have no different





Function switch is defined as optional*

For more device information, please scan the QR code above.

The description of functional switch:

1.WEB: Web management, fixed standby IP:10.0.0.10;
2.CLOUD: Web and remote APP management;
3.RESET: The switch is in the WEB position. Within 1 second, toggle to CLOUD, then back to WEB. The switch will restart and restore factory settings;

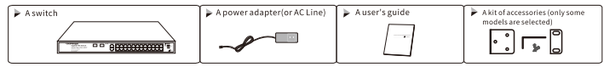
Functional Switch Description

Function Identifier	Working mode	Function description
CLOUD	Remote management mode	Enable local WEB management and APP remote management functions
WEB	Local management mode	WEB local management mode

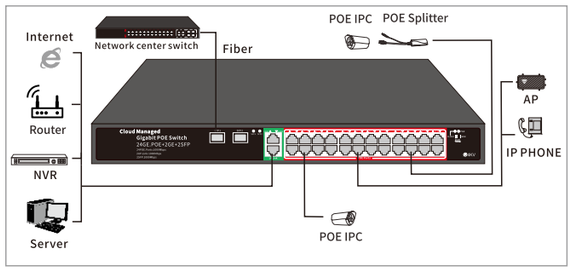
Indicator Light Definition

Indicator light	Identifier	Description
Function indicator	PWR	switch power status indication, lighting indicates that the device has been started
	CLOUD	Lighting: Remote cloud management function is turned on
	SFP	Lighting: the connection is normal. Blinking: data is being transferred.
Network port indicator light	Link/ACT	Lighting: the connection is normal. Blinking: data is being transferred.

Supporting List of Products

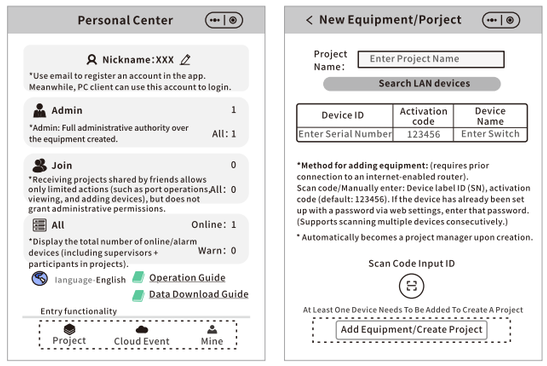


Product Applications



The display is representative of the product, the actual object may be different, but the function have no different

Cloud Management

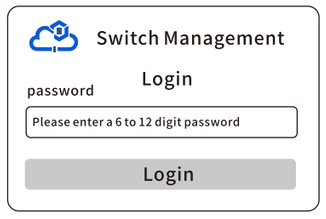


*The pictures shows the page of mobile app

Local WEB administration

1、Log on to the web management page via the fixed IP:

- ■ When the switch is not connected to the internet, it automatically configures the default fixed IP address 10.0.0.10. Please configure your computer with an IP address in the same subnet as the switch.
- ■ Open the browser in the computer and enter the IP address of the switch 10.0.0.10 to log on to the WEB page.



*The pictures shows the page of local Web management

2、Log on to the web management page through the routers automatically obtained IP address:

- ■ By default, the switch is configured to DHCP mode. When the switch is connected to the local area network and has Internet access, you need to use the switch's automatically obtained IP address to access the web interface for management.
- ■ Devices that obtain an IP through the router, log into the router to view the IP address of the host name (HostName) in the connected devices as the equipment model (such as xxx) to log into the WEB management.

SN	IP Address	MAC Address	HostName	Type	Status	Lease expiration time
1	192.168.1.105	5C -15-C 5-00-00-EC	xxx	assign	online	XX-XX-XX
2	x.x.x.x	x -x-x-x-x-x	xxx	static	online	– –
3	x.x.x.x	x -x-x-x-x-x	xxx	static	online	– –

- ■ Alternatively, you can use remote management software for the switch to view the local IP address and access the web page.

Operation of Device Binding



- ■ Connect the router that is connected to the Internet to LAN port of the device. (the router needs to enable DHCP).
- ■ Download the app "Amitres IOT". Then, register an account by email in the app. Meanwhile, PC client can use this account to login.
- ■ Add device:

  New project: click "+" to scan the equipment ID QR code (located on the fuselage) and enter the project name and other corresponding information to create it.

  Existing project: enter the submenu of project , click "to add switch +" to scan the QR code of device ID and enter corresponding information to add.

- ★ When adding a new device, the default initial password of the device needs to be entered(the default password is 123456).
- ★ When adding a device ID, make sure that the current device is connected to a router with Internet access.
- ★ For more operation instructions, please obtain them in the app.



QR code
Device ID

FAQ:

A. Switch lights are normally on, why the connection of the computer can not be normal internet?

◆ Please check whether the computer network settings are normal, such as whether the IP address and DNS are obtained normally;
◆You can judge whether each port of the switch itself connected normally by using a computer to PING the IP of internal network device in the same network segment.

B. Power indicator (PWR LED) is off.

◆ Make sure the power adapter is well connected to the switch and the power source.
◆ Make sure the input voltage of the switch meets the power supply requirements.

C. Unable to log on to the switch local administration interface. Please check by:

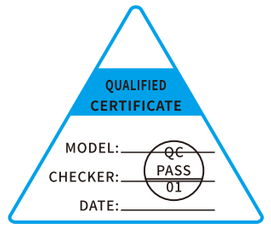
◆ Observe the status of the indicator light, check whether the cable of the corresponding port is connected normally. At the same time, confirm that the port is not disabled. You can log in to the switch through another physical port.
◆ If the switch is managed through a local computer, please ensure that the IP address of the local computer is in the same network segment . address is on the same network segment .

D. How to network the cloud management switch?

◆ Connect the LAN port of the switch to the router or connect the router through other switches.
◆ DHCP service should be opened on the router, and the default status of home router is open.
◆ Make sure that the access router doesn't restrict its connection to the network, and it can be connected to the external network upon access.

E. How Cloud Network Managed Switches Connect to the Internet?

◆ POE camera that supports IEEE 802.3AF/AT.
◆ If it is not a POE camera, you can add a standard POE splitter to connect the switch to the camera.



TY-SW-POE CMG -20260307

Product parameters and appearance are subject to change without notice, please refer to the official website.

145.00 mm

105.00 mm

封底