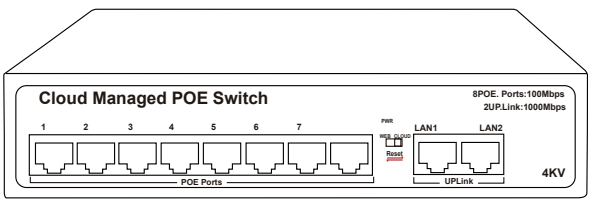
POE Switch Series

User Manual



Product Introduction

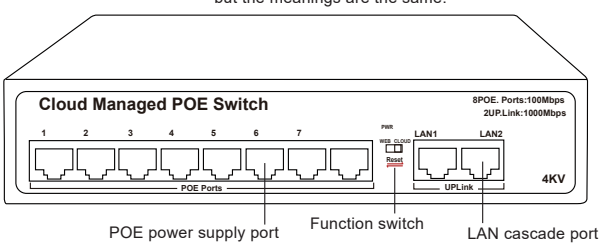
This product is a cloud-managed Ethernet POE power supply switch independently developed by our company. It provides multiple Ethernet adaptive RJ45 ports and can be applied to various monitoring security and data communication projects.

Characteristic

- ◆ Comply with IEEE802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3ab protocol standards;
- ◆ POE power supply mode, supports IEEE 802.3af/at standard terminal equipment;
- ◆ Support 802.1Q VLAN, MTU-VLAN, Port VLAN, applicable to various networking service requirements
- ◆ Support port isolation;
- ◆ Support spanning tree protocol: STP (IEEE802.1d), RSTP (IEEE802.1w)
- ◆ Support MAC address and port binding;
- ◆ Support port speed limit and port mirroring;
- ◆ Support broadcast/multicast storm suppression;
- ◆ Support DHCP Snooping function;
- ◆ Support port traffic statistics.

Products

The pictures shown are representative products. The actual products may differ, but the meanings are the same.



Function switch description:

1.WEB: only supports local WEB management, fixed backup IP: 10.0.0.10;

2.CLOUD: supports local WEB management and remote APP management (temporarily unavailable);

3.RESET: the switch is at WEB, within 1 second, pull to CLOUD and then pull back to WEB, the switch restarts and restores to factory settings.

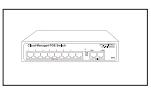
Function switch description

Functional Identifier	Working Mode	Functional Description
CLOUD	Remote Management Mode	Enable local WEB management
WEB	Local management mode	WEB local management mode

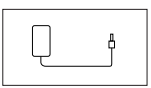
Indicator lamp definition

Indicator Lights	Logo	Description
Function indicator	PWR	Switch power status indicator, lit means the device is powered on
	CLOUD	On: Remote cloud management function is enabled
	SFP	Lighting: indicates a normal connection, flashing: indicates data transmission
Network port indicator	Link/ACT	Lighting: indicates a normal connection, flashing: indicates data transmission

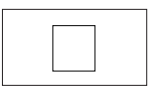
Product Support List



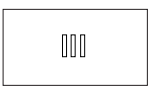
Switch



Power adapter

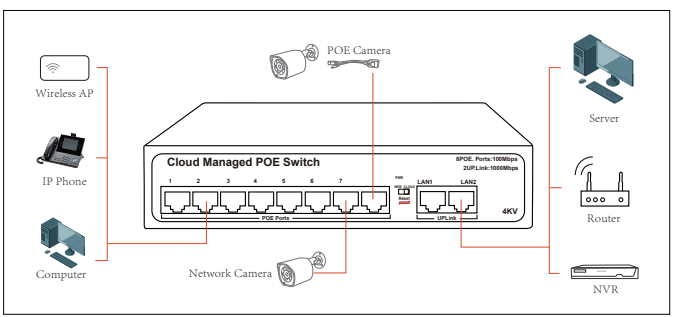


Usage Guidelines



Accessory kit (optional)

Application



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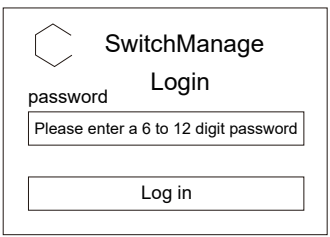
Local WEB Management

1. Log in to the WEB interface through a fixed IP:

■ When the switch is not connected to the external network environment, it will automatically open the fixed IP 10.0.0.10, and configure the computer with an IP address in the same network segment as the switch;

■ Open the browser on the computer and enter the switch IP address 10.0.0.10 to log in to the WEB page.



This display image is the local WEB management page

2. Log in to the WEB page through the IP automatically obtained by the router:

■ The switch is turned on automatically to obtain IP by default when it leaves the factory. When the switch is connected to the external network through the LAN, you need to use the IP automatically obtained by the switch to log in to the WEB interface of the switch for management

■ For devices that obtain IP through a router, log in to the router to view the IP address of the connected device whose host name (HostName) is the device model (such as GPS424) and log in to WEB management;

Serial Number	IP Address	MAC Address	Hostname	Type	State	Lease expiration date
1	192.168.1.105	5C-15-C 5-00-00-EC	GPS424	Dynamic	Online	2024/8/16 0:00
2	192.168.1.106	5A-15-C 5-00-00-EC	GS116	Static	Online	
3	192.168.1.107	5B-15-C 5-00-00-EC	GFS226	Static	Online	

■ You can also log in to the WEB page by viewing the local IP through the remote management software of the switch;

FAQ:

A. The switch indicators are all on normally, so why can't the connected computer access the Internet normally?

■ Please check whether the computer network settings are normal, such as whether the IP address and DNS are obtained normally;

■ You can use the computer to PING the IP of the intranet device in the same network segment to determine whether the ports of the switch itself are connected normally;

B. Power indicator is off:

■ Ensure that the power adapter is well connected to the switch and power supply;

■ Ensure that the input voltage of the switch meets the power supply requirements;

C. Unable to log in to the switch local management interface. Please check the following aspects:

■ Observe the status of the indicator light, check whether the corresponding port cable is connected normally, and confirm that the port is not disabled. You can log in to the switch through another physical port;

■ If the switch is managed by a local computer, please make sure that the IP address of the local computer and the IP parameter of the switch are in the same network segment;

D. How are switches networked?

■ Connect the switch LAN port to the router or connect it to the router through other switches;

■ The connected router needs to enable DHCP service, which is generally enabled by default for home routers;

■ Make sure that the connected router does not restrict its network connection, and it can connect to the external network as soon as it is connected;

E. Which cameras can be connected to this POE switch?

■ All POE cameras that comply with IEEE 802.3AF/AT standards are supported.

■ If it is not a POE camera, you can add a standard POE splitter to connect the switch and the camera.