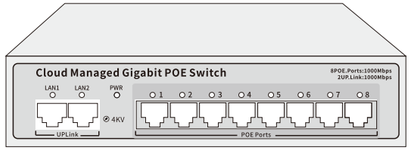
The Series Of Cloud-managed PoE Switches

User Manual



Product description

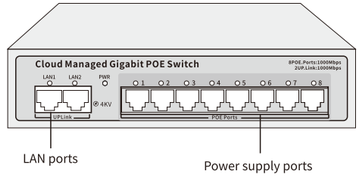
This product is a cloud network managed PoE Switch, which independently developed by our company. All power supply ports can automatically detect and identify power receiving equipment, which comply with IEEE802.3af/at standard;This product supports remote management and can be remotely managed switch through app "Amitres IOT", which can view the management switch port remotely.

Product Features

- ◆ POE power supply mode, supports the terminal equipment with IEEE 802.3AF/AT;
- ◆ Support power supply line sequence 1236, each port has a maximum power of 30W;
- ◆ Input voltage: 110V-240V, see the fuselage label for power details;
- ◆ Support over-current, over-voltage, short circuit protection;
- ◆ Flow control mode: full-duplex adopts IEEE 802.3x standard , half-duplex adopts Back pressure standard;
- ◆ Support port auto flip (Auto MDI/MDIX);
- ◆ Store-and-forward switching mechanism;
- ◆ Zero configuration feature, all ports POE functions are enabled by default, and mobile phone management only needs one network cable to connect router;
- ◆ Panel indicator light monitors working status and helps with fault analysis;
- ◆ Cloud network management: visual remote management, on-site problems and remote solution;

Product display

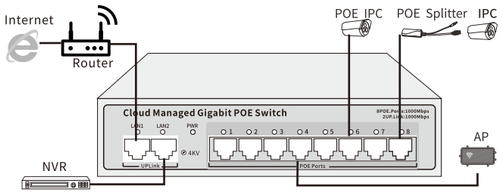
The display is representative of the product, the actual object may be different, but the function is the same



Indicator definition

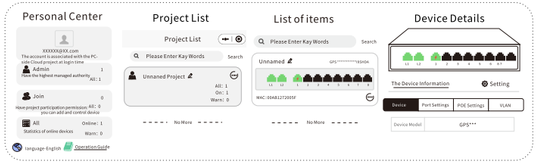
Indicator light	Status	Description
PWR	ON	On Power
	OFF	No Power
Port Indicator	On/Blinking	ON: ports link is normal Blinking: data is being transferred

Product Application:



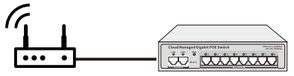
The display is representative of the product, the actual object may be different, but the function have no different

Cloud Management



*The pictures shows the page of mobile app

Device binding instructions



- Connect the device LAN port to the Internet router (DHCP needs to be turned on for routing).
- Download the app "Amitres IOT". Then, use email to register an account in the app. Meanwhile, PC client can use this account to login.
- Add device:
  New project: click "+" to scan the device' s ID QR code (located on the fuselage) and enter the project name and other corresponding information to create it.
  Existing project: Enter the project submenu and click "Add switch +". Then, scan the QR code of the device ID and enter corresponding information to add it.



QR code
Device ID

- 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.

FAQ:

A. 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.

B. The indicator light of the switch is normally on. Why is there no video display on the NVR?
◆ Please make sure that the network settings of the NVR is ok, and search again in the channel management menu of the NVR.
◆ For the above operations, please refer to the NVR manual. For example, when the IPC and NVR are of different brands, it is recommended to consult relevant manufacturers for compatibility and IP setting requirements.

C. I used cat 5e Network cable, but after receiving more than 30 meters, there is no signal!
◆ Please make sure that Network cable plug is crimped into the position. It is recommended to use a line tester to test whether the network cable can communicate at both ends.
◆ Check the Network cable plug pressure wiring sequence, please use T568B connection method to crimp the crystal head.

D. Can it support 4-core network cable power supply, will it affect camera data transmission?
◆ Our company's POE switch supports 1236 line-sequence power supply, so it is very compatible with 4-core power supply.
◆ The network interface of the camera is a 100M network port. The transmission of the 100M network is only 1236 quad core, and the other four cores do not play or connect, so it will not affect the camera transmission.

E. When do I need to enable the Extend function?
◆ Extend is a super-long transmission function, generally more than 100 meters distance requirement.
◆ The camera signal is disturbed or insufficient in intensity, causing instability such as image transmission and intermittent.

F. How is the cloud network management switch networked?
◆ Connect the switch LAN port to the router or through another switch
◆ The connected router needs to enable the DHCP service, and the general home routing is enabled by default.
◆ Make sure that the access router does not restrict its connection to the network, and then connect to the extranet.

G. Why does the PWR/Power LED work abnormally?
The PWR/Power LED should be lit up when the power system works normally. If the PWR LED worked abnormally, try the following:
◆ Make sure that the power cable is connected properly, and the power contact is normal.
◆ Make sure the voltage of the power supply meets the requirement of the input voltage of the switch.

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



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