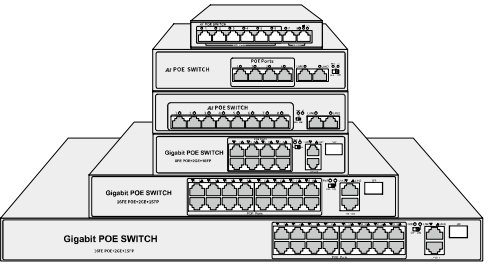
POE SWITCH

⊛User Manual



Service:

Thank you for purchasing our poe switch on Amazon.

We are trying to provide our customers with better network switch to enhance your network experience. And we strive to provide you with the best services.

Any problems?

Please kindly contact our after-sales team immediately. This poe switch contains our support and warranty(We will provide you with a one-year limited warranty and lifetime technical support). For more information and warranty requests, please contact our 7*24 hours support team:

ssc_support@126.com

Company Profile:

Shenzhen Shen SangKe Technology Co., Ltd (SSC Tech) is a professional Internet of Things transmission solutions Company.

In the fields of security monitoring, building automation, intelligent manufacturing, smart city and IOT, SSC Tech independently develops, manufactures and provides high-quality services to provide customers with transmission system solutions and products such as Ethernet, POE network power supply and WIFI networking.

Founded in 2013, SSC Technology Co., Ltd. has been adhering to the technology and application experience of video surveillance and network communication for many years, independently innovating and launching patented technology POE network power supply, PSE intelligent module, WIFI video module, monitoring network management switch, monitoring Intelligent router... *POE switch* category has been ranked Top one for many years On e-commerce industry. the number of offline channel dealers and engineering merchants has accumulated tens of thousands; At the same time, POE monitoring and WIFI monitoring products made breakthroughs in the foreign trade market. South Korea, India, the Middle East, South America , Europe Russia and other markets have been selling.

Quality assurance:

We strictly control the quality of products that have no opinions, so that customers can buy them with confidence and ease. SSC TECH has well-equipped laboratories, such as network analyzers, spectrum analyzers, high and low temperature testers, vibration testers and other complete testing and verification equipment. Each product will be tested for reliability and stability before it is officially mass-produced. Verification to ensure the quality of the mass production of the product.

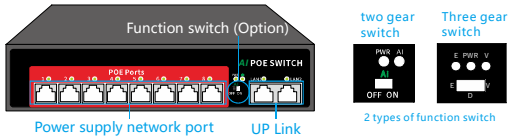
Features

- AI Watchdog Protection: Actively turn on the AI mode. If the access device does not work normally, the device will be automatically POE restarted (Watchdog)*;
- Extend Mode: open the ultra far transmission state of Poe power supply port, and the farthest transmission can reach 250m (extend)
- VLAN Model: power supply ports are isolated from each other to shield broadcast storms and other intranet interference*;
- Intelligent power supply:□Support Ieee802.3af / at standard POE protocol;
- Safety protection: anti-static impact, short circuit protection, over-current and overload protection, to prevent failures and portect power supply;
- Lightning protection : high-quality TVS / TSS components, high-spec surge protection design, annual failure rate is less than 3: 10000;
- Support power supply line sequence 1236, each port has a maximum power of 30W and an average power of 12W or more;
- Flow control mode: full-duplex adopts IEEE 802.3x , half-duplex adopts Back pressure;
- Support port automatic flip (Auto MDI/MDIX);
- Switching system using store-and-forward;
- All ports support wire-speed switching and support jumbo frame transmission;

Product display:

Items marked with * are selected according to different product models

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



Two gear switch description:

AI mode *: Enable Poe port AI function (Watchdog) and other auxiliary optimization functions, such as VLAN or Extend

Gear	Working mode	Function Description
OFF	Default mode	All ports are free to communicate. Suitable for general mixed data transmission environments
ON	AI Mode*	AI Mode:Enable AI monitoring and optimization

Optimization functions are selected and matched according to different models

Three gear switch description:

Gear	Working mode	Function Description
D	Default mode	All ports are free to communicate. Suitable for general mixed data transmission environments
V	Ai + Vlan mode	POE Ports are isolated from each other,Enable AI monitoring and optimization
E	Ai + Extend mode	POE Port open extend function(The network cable can be up to 250m),Enable AI monitoring and optimization

Indicator definition

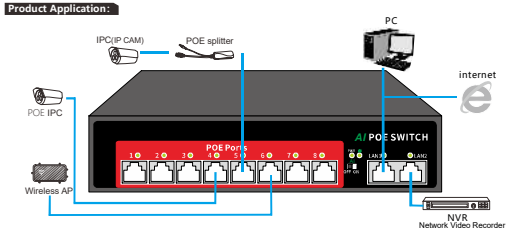
AI mode is only recommended for access to IP cameras

Indicator light	Status	Description
P/POWER	ON	Normal Power
	OFF	no electricity
Network/POE light	Lighting /Flickering	POE port: Green on means power supply is normal; flashing means data transmission.
AI	OFF/ON	Function switch: off/on

Product description

This product is a 100M Ethernet Poe power supply switch independently developed by our company. All power supply ports can automatically detect and identify the power receiving equipment complying with IEEE 802.3at/af standard. This model supports AI intelligent detection. When the monitoring equipment crashes or other network abnormal interruption occurs, it can judge the intelligent restart of Poe port equipment through AI algorithm. Automatic network optimization: automatically judge the network signal transmission status, Intelligent switching of ultra long distance mode, long-distance transmission is stable and does not drop the line.

Product Application:



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

FAQ:

A.The Power LED is not lit
The Power LED should be lit when the power system is working normally. If the Power LED is not lit, please check as follows:
1: Make sure the power adapter is connected to the switch with power source properly.
2: Make sure the voltage of the power supply meets the requirements of the input voltage of the switch.
3: Make sure the power source is ON.

B. What cameras can connect to this POE switch?
•POE camera with 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.

C. The indicator light of the switch is normally on. Why there is no video display on the NVR?
•Please make sure 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.

D. I used cat 5e network cable, Why it lost signal just over 30 meters?
•Please make sure that the crystal head 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 crystal head pressure wiring sequence, please use T568B connection method to crimp the crystal head.

E. 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.

F. When do I need to enable the AI 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.