User Guide

1.Check the PoE switch

(1) Please check the enclosure, RJ45 ports, LED indicators, sure they are ok.

(2) Connect the PoE switch with power, make sure the initialization of PoE switch is

available as below:

POE indicator is off at the beginning when power connected

PWR indicator is on and keeps
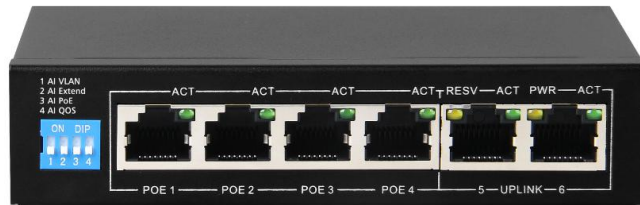Other green indicators will be on, then off after one or two seconds

2.Connection cables

(1) Connected the PoE switch to PD(like IP camera, wireless AP) by CAT5 or 6 cables

(2) Connected the external power adapter to PoE switch

(3) Connected the power cord to AC plug

Caution

1. In order to safety, please non-professionals don't open the casing of product;

2. Please be careful the risk of strong current and security protection when products carry power;

3. Please select the right power adaptor provide power for PoE switch, before using please confirm if is it accord with the requirement of PoE switch;

4. Please don't use PoE switch under the humid environment, avoiding water go into the product inside caused PoE switch breakdown.

5. Please start the power after the circuit connected;

6. Please don't plug-in and plug-out the connection cable when product is carrying on power;

7. Please don't use PoE switch under somewhere with more dust and EME;

8. Please don't put heavy thing on PoE switch, in order to having an accident.;

9. According to the IEEE802.3AF/AT standard, Please use the Cat.5 or above, transmission distance 250 m;

10. Please don't exceed the maximum output power of PoE switch when it connects more than one PD device;

11. Suggestion that PoE switch use for indoor, if you want to use for outdoor, Please install waterproof box

4+2 100/1000Mbps PoE Switch

LKSPOE4G

Overview

LKSPOE4G is 6 port gigabit AI PoE switch with 4 working modes, AI VLAN mode, AI Extend mode, AI POE mode, AI QoS mode. By default, all ports are free to communicate; when AI VLAN mode is enabled, 1-4 ports are isolated from each other, which can effectively suppress network storms and improve network performance. In AI Extend mode 1-4 ports can effectively transmit distances up to 250 meters, which is suitable for remote monitoring and power supply. In AI POE mode, the switch automatically detects the working status of the PD device and finds that the abnormal device automatically restarts the device. In AI QoS mode, when the device is congested, the video data is processed preferentially to make the video smooth. The device supports the standard IEEE802.3af/at protocol, which can automatically detect and identify the PDs that comply with the IEEE 802.3af/at standard and provide power for them, so there is no need to worry about PoE or non-PoE devices that can damage private standards.

Key Features

- **AI Extend**: 1-4 port supports 250M meters long distance power supply (recommended cat 5 or above)
- **AI VLAN**: Isolating ports 1-4 from each other, restrain network storms effectively and improve network performance
- **AI QOS:** Customize application prioritization and increase network sensitivity. For example, video priority, monitoring transmission more smoothly
- **AI POE**: Automatic detection power of port, power off and restart the device if find dead machine
- Support wireless access points (APs) and network surveillance cameras via Cat 5 cables;
- Support IEEE802.3af/at standard PD device;
- Supports uplink port auto-flip (Auto MDI/MDIX)
- Adopt store-and-forward exchange mechanism
- Intelligent power supply, lowest power consumption, ensure the power demand of the PD terminal
- With power circuit protection, it can protect the security of the back-end equipment;
- Zero configuration feature power is automatically supplied to the adaptive device;
- No fan design to achieve energy saving and environmental protection;
- Support port no link power saving function;
- All ports have wire-speed forwarding capability
- Plug and play, easy to use

Technical Specification

Network Port	· 4 10/100/1000Mbps PoE RJ45 port (Port 1~ port4)
	· 2 10/100/1000Mbps RJ45 port uplink(Port5~port 6)
Transfer Rate	·100Mbps full Duplex, 10 or100Mbps Half Duplex
Network protocol and standard	·IEEE802.3i, IEEE802.3u, IEEE802.3x, IEEE802.3af, IEEE802.3at ,IEEE802.3ab
Performance	·Bandwidth: 12Gbps(no block)
	·Frame filtering and transmission rate:
	10M port maximum 14,800pps
	100M port maximum 148,800pps
	1000Mport maximum 1, 488, 000pps
LED indicator	Power
	RESV
	LINK/ACT
POE pin	1/2/4/5(+), 3/6/7/8(-)
Power	·Max power for single port 30W.
	·External power adapter: 96W;
Dimensions	·Size(LxWxH): 125mmx 75mmx 27mm
	·Weight: 0.5kg
Environment	·Operating Temperature: 0°~40°C
	·Operating Humidity: 10%~90%, Non-condensing
Safety regulation	·CE/ROHS/FCC/CCC