

## **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 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 250m;
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;

**16+2 100/1000Mbps PoE Switch**  
**LKSPOE16G**



## Overview

LKSPOE16G is 16 port Gigabit PoE switch with 2 gigabit SFP ports, auto detection and identification IEEE802.3af/at standard PD device, then carry power to it. Therefore do not worry it will destroy the private standard PoE or Non-PoE equipment.

LKSPOE16G is the best choice for minitype commercial network because it economically use PoE deployment wireless AP and IP camera.

LKSPOE16G can resolve the problem of maintenance tedious, wireless coverage, terminal device powered, surveillance project. Maximum save the cost.

## Features

- **Default:** all of port can communicate freely, use for common data transmission environment.
- **Extend:** 1-8 port rate down to 10Mbps, but the transmission distance up to 250 meters
- **VLAN:** Isolating ports 1-16 from each other, suppress network storms effectively and improve network performance
- Support Auto MDI/MDIX;
- Supports IEEE 802.3af/at standard, automatically detects and identifies devices that comply with the IEEE 802.3af/at standard and supply power to it
- Support Auto MDI/MDIX;
- Adopt store-and-forward exchange method
- Intelligent power supply, the lowest power consumption, ensure PD power needs
- With power circuit protection, protect the safety of PD
- No configuration characteristics of the power supply is automatically supplied to the adaptive equipment;
- Support port without link power saving function
- All ports have wire-speed forwarding capability
- Plug and play, easy to use

## Technical Specification

Standard	IEEE 802.3i IEEE 802.3u IEEE 802.3x IEEE 802.3ab IEEE 802.3af IEEE 802.3at
Port	16 10/100/1000Mbps RJ45 port
	2 gigabit SFP port
PoE	16 10/100/1000Mbps RJ45 PoE port
	Total power budget: 250W
	Single port max. 30W
Indicator	18 Link/Act indicator light
	16 POE indicator light
	1 Power indicator light
Performance	Forwarding mode: storage forwarding
	Bandwidth: 36Gbps
	Packet forwarding rate: 23.8Mpps
	Support 8K MAC address list depth
Input power	100-240V/50-60Hz
Dimensions(L×W×H)	440mm×180mm×44mm