

LT2427E-POE

24 Ports PoE Switch

The LT2427E-POE is an unmanaged PoE switch equipped with 24 Ethernet and optical ports, offering both data connectivity and power delivery to connected devices. Designed primarily for HD IP camera systems, it streamlines cabling and setup—making it ideal for surveillance, network expansion, and engineering applications.

Key Features

- 24 PoE-enabled Ethernet and optical ports
- Supports high-definition IP camera connectivity
- Unmanaged switch for simple plug-and-play operation
- Power and data transmission over a single cable

Key Highlights

- Complies with IEEE 802.3af/at PoE standards
- Built-in protection against power surges and overloads
- Fanless design for silent operation
- Reliable long-distance transmission via optical ports

Applications

- Powers and connects multiple IP cameras, VoIP phones, and wireless access points
- Ideal for medium to large offices, campuses, and commercial buildings
- Suitable for surveillance systems, enterprise networks, and smart building setups

Installations

1. Use 24 Cat5/5e cables to connect PoE IP camera with 1-24 Ethernet port (100Mbps) of 24 Ports Ethernet Switch.
2. Use Cat5/5e cables (or fiber) to connect UPLINK of 24 Ports Ethernet Switch with the device of NVR or computer.
3. Use Cat5/5e to connect Console (PoE Web Software Control) of 24 Ports Ethernet Switch with device of control terminal.
4. If using PoE software management: default IP is 192.168.1.200, please set the Static IP address of management computer. If a network cable is being used to connect computer and switch, please input 192.168.1.200 in IE Explorer.
5. Connect AC power line of 24 Ports Ethernet Switch.
6. Check if the installation is correct and device is good, make sure all the connection is reliable and power for the system.



Important Notice :

Turn OFF signal source and the device's power as installation with power ON may result in damaging the device.

Specifications

LT2427E-POE	
Supports PoE and PoE+	
24*10/100 Mbps PoE Ethernet Ports	
2*1000 Mbps optical ports and 2*1000 Mbps	
Speed	Up to 150 Mbps
Standard	IEEE802.3af, IEEE802.3at
Maximum Power Input	30W per port
Package	
1	24 Ports PoE Switch
1	AC Power Line
1	Hangers
1	User Manual

Troubleshoot

1. Confirm if the installation steps are completed correctly.
2. Confirm the RJ45 cable used conforms to the EIT/TIA568A or 568B industry standards.
3. The maximum output consumption of the PoE port cannot exceed 15.4W.
4. Replace the failing device with a new one to test if the PoE Repeater is defective.

