

24 PORTS POE SWITCH

GE-LP2403G-UT-30



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24 Ports PoE Switch



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Introduction

The 24 ports PoE switch is an unmanaged PoE Ethernet switch along with 24* 100Base-TX downlink PoE ports and 2 * 1000Base-TX uplink Ethernet ports featuring 30-watt 802.3at PoE+ as well as 1 additional Gigabit Combo port. The total PoE power budget is up to 270 watts. It supports real-time PoE output LED display. The device can be widely used in video security monitoring systems, network projects, etc.

Specification

Item	Description
Product Type	Product Type 24 Ports
Port description	Downlink Ethernet 24x10/100Base-TX PoE+
	Uplink Ethernet Ports 2x10/100/1000Base-T+1x1000Base-X(combo)
	Power Input 1xAC Female Terminal
	Grounding Terminal 1xGrounding Terminal
PoE&Power	Power Input Mains on load,100 240VAC 50/ 60Hz
	PoE Power Supply PoE Max. Power End-span(1/2 3/ 3/6),IEEE802.3af/ at 180W
	Single Port Power Output& Single Port PoE Power Outputs<30W, Voltage 54VDC
One-key CCTV	CCTV Mode 1. Downlink ports only communicate with uplink ports; 2. Restrain network storm under 2Mbps; 3.Extend transmission distance to 250m; 4.Rate:10Mbps(Downlink Ports)
	Network Standard IEEE 802.3,IEEE 802.3u,IEEE 802.3ab,IEEE 802.3z
	Transmission Distance 100m(Max.)
	Exchange Capacity 8.8Gbps
Network Parameters	Packet Transfer Rate 6.55Mpps
	MAC Address 4K
	Packet Data Cache 2.75Mb
	Power Input 1x Red LED
	Downlink Ethernet Ports Link:24x Green LED PoE:24x Yellow LED
Indicators Status	Uplink Ethernet Port Link 2x Green LED
	PoE Power Output Percent 5x LED(Including 3x Green, 1x Yellow, 1x Red), separately indicate 30%, 60%, 90%, 95%, 100%
Network Parameters	ESD 6KV/8KV, Per:IEC61000-4-2
	Surge Protection 6KV, Per: IEC61000-4-5
Operation Environment	Operation Temperature -10c ~ 45c
	Storage Temperature -40c ~ 85c
	Humidity(Non-condensing) 0~95%
Mechanics	Dimensions(LxWxH) 442mm*285mm*44.5mm
	Material Iron
	Color Black

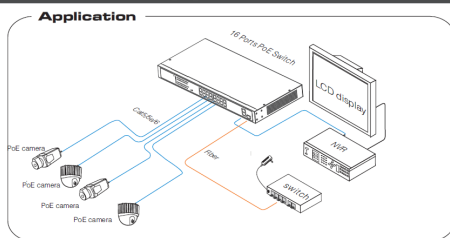
Characteristics

- ❖ Provide 24x 100Mbps downlink PoE Ethernet ports, 2x gigabit uplink Ethernet ports and 1x gigabit Fiber port;
- ❖ Downlink Ethernet ports support PoE+, each port supports max.
- ❖ Support power consumption indication(LED indicates power output status);
- ❖ Accord with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3af/ at standard;
- ❖ 4K MAC address, 2.75Mb cache;
- ❖ Quick installation, easy operation, convenient for wall-mounted desktop and rack installations.

Installation steps

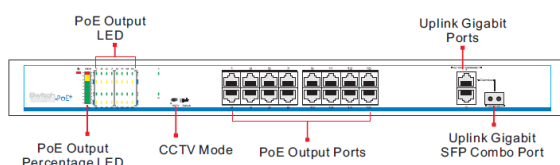
- ❖ Please check the following items before installation, if it is missing, please contact the dealer.
 - ❖ 24 Ports PoE Switch 1pcs
 - ❖ AC Power Cable 1pcs
 - ❖ Accessories 1pcs
 - ❖ User Manual 1pcs
- Please follow installation steps as below:
- ❖ Turn off the power of all the related devices before the installation; otherwise the device would be damaged;
 - ❖ Use Ethernet cable connect PoE IP camera and 1~24 downlink ports of product respectively;
 - ❖ Use an Ethernet cable to connect equipment uplink port with NVR or computer;
 - ❖ Connect power adapter
 - ❖ Check if the installation is correct, equipment is in good condition, the connection is stable, then power on for system.

Application

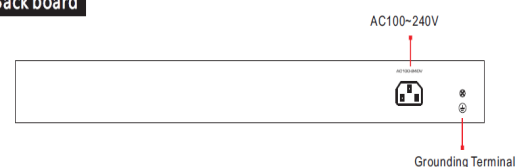


Board Diagram

Front board



Back board



Trouble shooting

If any trouble in installation, please follow these steps:

- ❖ Please make sure you have followed the instruction to install the device;
- ❖ Please confirm if the RJ45 cable order is in accordance with the EIA/TIA568A or 568B industry standards;
- ❖ The power supply of each PoE port is no more than 30W; please do not connect the PoE device which exceeds the maximum PoE power supply;
- ❖ Please replace a failure device with a proper one to check if the device is broken.

RJ 45 Making Method

Instruments to be used: wire crimper, network tester. Wire sequence of RJ45 plug should conform with EIA/TIA568A or 568B.

- ❖ Shuck off about 2cm long the insulating layer, and bare the 4 pairs UTP cable;
- ❖ Depart the 4 pairs UTP cable and straighten them;
- ❖ Line up the 8 pieces of cables per EIA/TIA 568A or 568B;
- ❖ Cut out 1.5 cm cable wrap and leave the bare wire;
- ❖ Plug 8 cables into RJ45 plug, make sure each cable is in each pin;
- ❖ Then use wire crimper to crimp it;
- ❖ Follow the 5 steps above to make the another end, following the same sequence of the first plug;
- ❖ Using network tester to test the cable whether is working.

Pin	Color
1	white/green
2	green
3	white/orange
4	blue
5	white/blue
6	orange
7	white/brown
8	brown



EIA/TIA 568A

Pin	Color
1	white/orange
2	orange
3	white/green
4	blue
5	white/blue
6	green
7	white/brown
8	brown



EIA/TIA 568B