POH-1620

16 Port Gigabit POE Injector

Overiew

POH-1620 is one 16 port PoE injector, strictly conforms IEEE802.3af, IEEE802.3at standard, its single port supports 30 watts maximum power. This PoE injector can coordinate the applications of traditional network system/security product/LED light. It transmits signal and electric power to terminal devices by using CAT5 or CAT6 cables, and then make the traditional wiring more simple, convenient, safe and reliable.
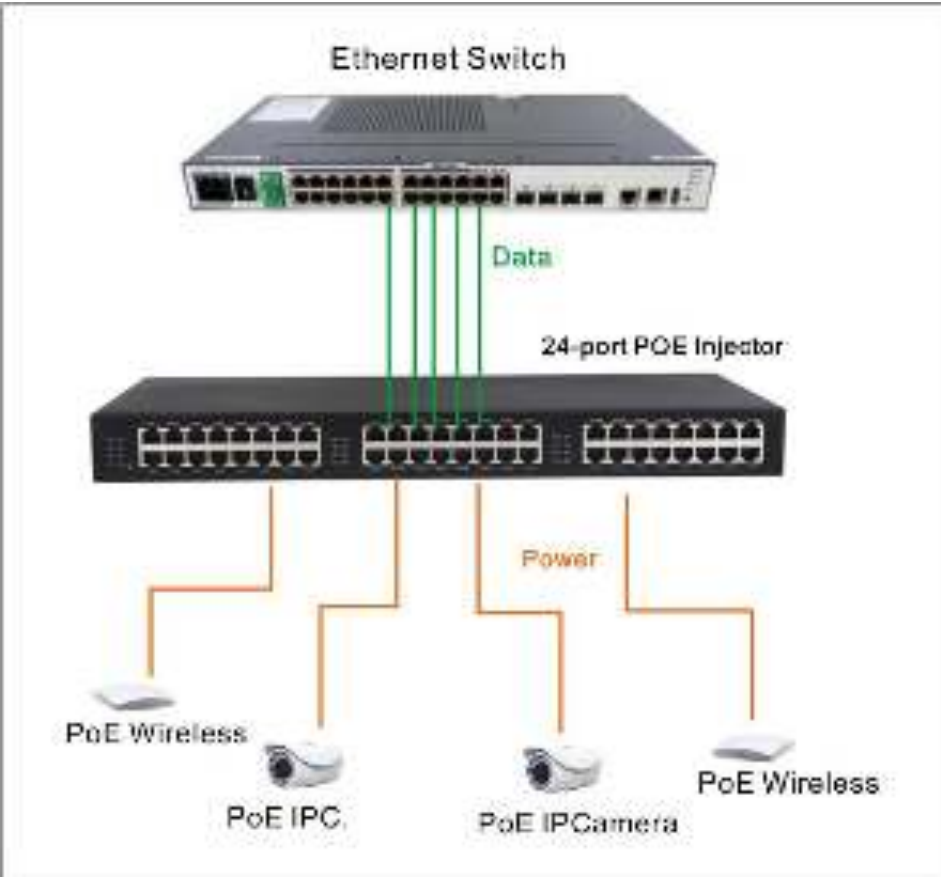

PoE midspan network remote power supply, is one remote power supply for user developed by Levelone. It's indoor used and can work properly between input voltage 100VAC-160VAC. The power supply is connected with network equipment (like as IAD or WLAN) through CAT5. There are two mode option – 100Mbps and 1000Mbps.

Main Features

- Complies with IEEE802.3af,IEEE802.3at standard;
- Up to maximum output voltage 30 watts;
- Auto-detection for IEEE802.3af/at receiving end;
- Support 10/100/1000 Base-T application;
- Power light, PoE output light;
- Maximum transmission distance 100m;
- Inserted AC/DC power-no need external power source;
- Certificated by CE, FCC, ROSH.

Product Application

Product Specifications

Model	POH-1620
Data and Technical Item	
Interface	16*10/100/1000Mbps Data-in 16*10/100/1000Mbps PoE-out
Transmission rate	10/100/1000Mbps
Output voltage	52VDC
PoE power	400W
PoE Power Pin	1,2+ / 3,6-

PoE working mode	Auto-detection of receiving end Auto-management of power
AC input voltage	AC 100 - 160V，50 to 60Hz
Power supply Built-in	400W
LED indicator	Power light; PoE output light
Connector	Isolation RJ-45，EIA 568A and568B
Protocol	Meet IEEE802.3af，IEEE802.3at standard
Environment and Physical Properties	
Working temperature	-0 ~ 40℃
Stocking temperature	-40 ~ 85℃
Humidity	≤95％（non-condensing)
Weight	5kg
Dimension	440*235*43 mm
Installation	19" Frame

Installation

(1) Plug the input power cord into AC input socket.

(2) Connect output signal wire separately.

(3) Tight connection of AC lead-in wire, signal wire, output wire to avoid poor or loose contact.

Attention 1: The installation of remote power supply should keep away from heat sources, electromagnetic interference, non-corrosive gases and metal dust.

Attention 2: No blocking to the machine cooling holes.

Attention 3: Smooth placement and no violent vibration when installing.

Attention 4: Attend if the AC input voltage is between 100VAC~160VAC.

Attention 5: During installation, avoid any damage caused by collision and friction with other equipment.

Boot Testing

(1) Use multimeter resistance gear to detect AC input, should be no short circuit happen; After loading, green light indicates at output interface.

(2) If light working, output is ok; if extinct，means there is short circuit and Current limitation.

(2) After AC power-on, the working lights on front panel indicates.

Daily Maintenance

PoE midspan remote power supply provide continuous working. To get reliable power supply, must do daily maintenance to get best working status of power system.

(1) Clean up timely, avoid dust accumulation.

(2) Check connection of input/output and replace if there is damage.