pöllö

16/1000 Mbps

18 Port PoE

PLN-1116GB-SFP

16/1000 Mbps
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Overview:

The **PLN-1116GB-SFP** is a full gigabit unmanaged PoE fiber switch independently developed by POLLO. It has 18*10/100/1000M RJ45 ports and 2*1000M SFP slot ports. Port 1-16 can support IEEE802.3af/at PoE standard. Single-port PoE power reaches 30W, and the maximum PoE output power is 250W. As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, webcam, VoIP phone, building visual access control intercom, etc. through network cable, to meet the network environment that needs high-density PoE power supply. It is suitable for hotel, campus, factory dormitory and small and medium-sized enterprise.

Unmanaged model, plug and play, no configuration, easy to use.

FEATURES:

Full gigabit access

- Support non-blocking wire-speed forwarding.
- Support full-duplex based on IEEE802.3x and half-duplex based on Backpressure.
- Support gigabit Ethernet port and gigabit SFP fiber port combination, which enables users to flexibly build networking to meet the needs of various scenarios.
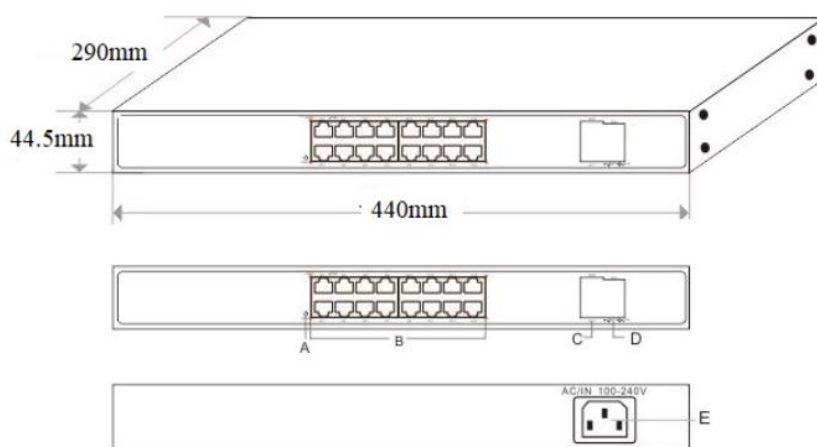
Intelligent PoE power supply

- IEEE802.3af/at PoE standard, without damaging non-PoE devices.
- Priority system for PoE port, it will supply power to the high priority level port first when the power budget is insufficient and avoid overwork of the device.
- 16*10/100/1000Base-T RJ45 ports can support POE power to meet the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
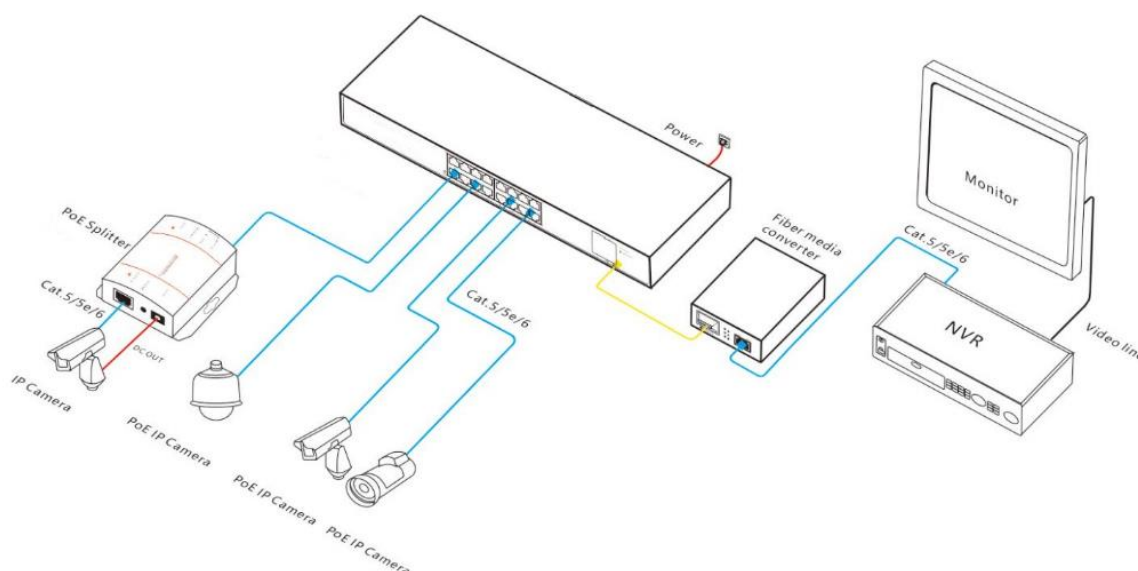
Stable and reliable

- CCC, CE, FCC, RoHS.

- The user-friendly panel can show the device status through the LED indicator of PWR, Link, PoE.
- Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.
- Low power consumption, galvanized steel shell, with fan super heat dissipation to ensure stable operation of the product.

DIMENSION

A. Working indicator

B. 16*10/100/1000M PoE ports

C. 2*10/00/1000M RJ45 ports

D. 2*1000M SFP ports

E. Power input port AC100-240V, 50/60Hz

APPLICATION

TECHNICAL SPECIFICATION

Model	PLN-1116GB-SFP
Fixed Port	16*10/100/1000Base-T PoE ports (Data /Power) 2*10/100/1000Base-T uplink RJ45 ports (Data) 2*1000Base-X uplink SFP slot ports (Data)
Ethernet Port	Port 1-16 can support 10/100/1000Base-T auto-sensing, full/half duplex MDI/MDI-X
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meters), 100BASE-TX: Cat5 or later UTP(≤100 meters), 1000BASE-T: Cat5e or later UTP(≤100 meters)
SFP Slot Port	Gigabit SFP optical fiber port, default no include optical modules (optional order single-mode/ multi-mode, single fiber / dual fiber optical module. LC)
Optical Cable/ Distance	Multi-mode:850nm/ 0-500M, Single-mode:1310nm/ 0-40KM, 1550nm/ 0-120KM.
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-X, IEEE802.3x
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	64Gbps (Non-blocking)
Forwarding Rate@64byte	29.76Mpps
MAC	16K
Buffer Memory	4M
Jumbo Frame	10K
LED Indicator	Power: PWR (Green), Network: Link, Link/Act (Yellow), PoE: PoE(Green), Fiber port: L/A (Green), Speed: SPD(Green)
Reset Switch	Yes, One-button factory reset
PoE Port	Port 1 to 16
Power Supply Pin	1/2(+) 3/6 (-)
Max Power Per Port	30W, IEEE802.3af/at
Total PWR / Input Voltage	250W (AC100-240V)
Power Consumption	Standby<15W, Full Load<240W
Power Supply	Built-in power supply AC100~240V 50-60Hz 4.1A
Operation TEMP / Humidity	-20~+55°C, 5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+75°C, 5%~95% RH Non condensing
Dimension (L*W*H)	440*290*44.5mm
Net /Gross Weight	<3.3kg /<4.0kg
Installation	Desktop, wall-mount, 19" 1U rack-mount
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS