pöllö

16/1000 Mbps

18 Port PoE

PLN-1116GB-SFP

16/1000 Mbps
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Overview:

The **PLN-1116GB-SFP** is a gigabit bt PoE fiber switch independently developed by POLLO. It has 16*10/100/1000Base-T RJ45 ports and 2*1000M uplink SFP slot ports. Port 1-16 can support 71W PoE super high-power output and backward compatible with the IEEE802.3af/at PoE standard. Single-port PoE power is 95W. 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 provides stable and safe terminals for PTZ network domes, high-power wireless AP, high-power network multimedia speakers, and high-power POE lighting, etc. through a network cable to meet the network environment that needs high-density PoE power supply. It is suitable for hotels, campuses, parks, shopping malls, scenic spots, hospitals, factory dormitory and small and medium-sized enterprise.

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

FEATURES:

Full gigabit access

- Gigabit RJ45 ports and SFP fiber ports combination, high-speed high-bandwidth connection, to meet the networking needs of various scenarios.
- Support non-blocking wire-speed forwarding.
- Support full-duplex based on IEEE802.3x and half-duplex based on backpressure.
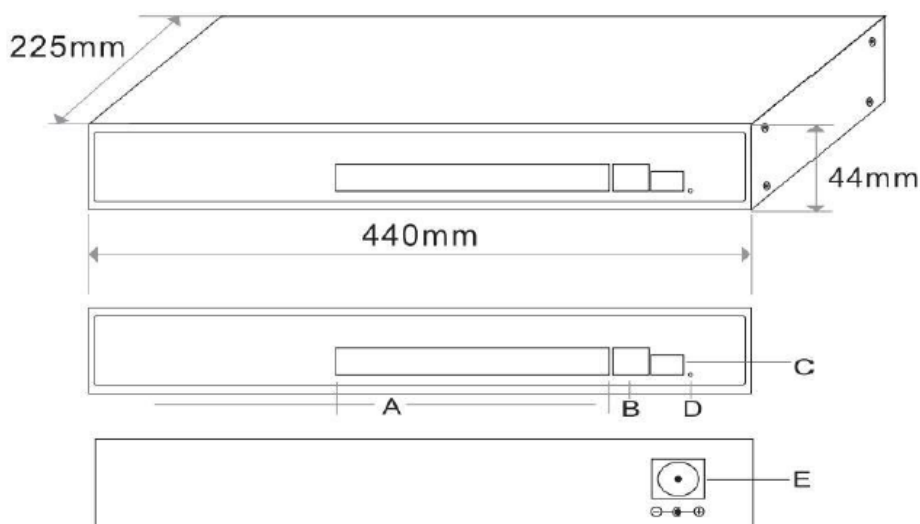
Smart PoE power supply function

- 16*10/100/1000Base-T RJ45 ports can support bt PoE power supply, meeting the demand for super high power PoE power supply in various scenarios.
- The maximum output power of single-port POE is 95W, and the backwards compatibility IEEE802.3af/at PoE power supply standard automatically identifies PoE devices for power supply 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.

Stable and reliable, easy to use

- CCC, CE, FCC, RoHS.
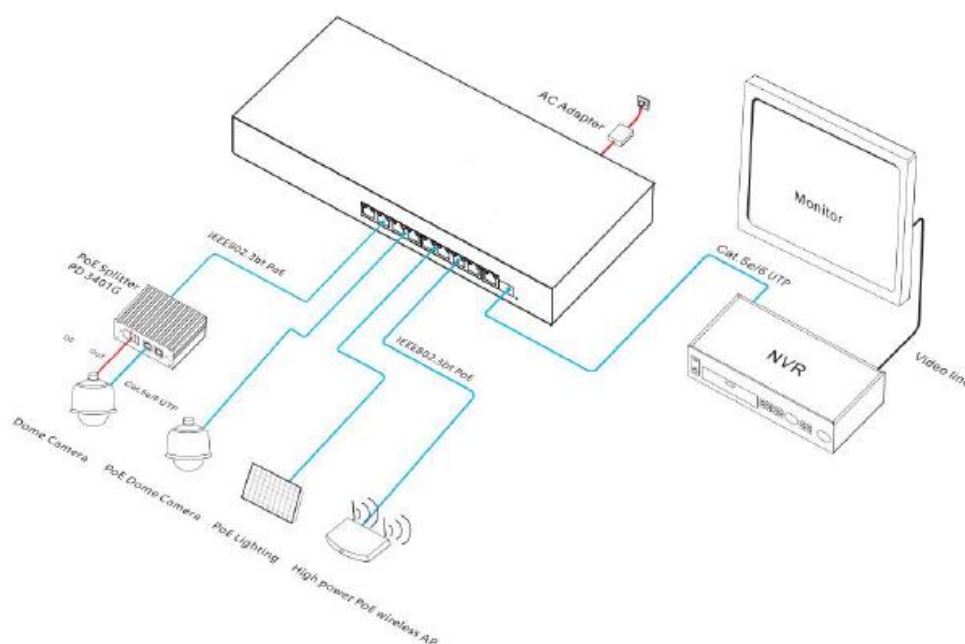- Plug and play, no configuration, simple and convenient.

- Low power consumption, galvanized steel casing, no fan.
- The user-friendly panel, it can show the device status through the LED indicator of PWR, Link/Act, PoE.
- Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.

DIMENSION

A. 8*10/100/1000M PoE ports   B. 1*10/100/1000M uplink RJ45 port

C. 1*1000M uplink SFP port   D. Work indicator

E. Power input port DC48-57V

APPLICATION

TECHNICAL SPECIFICATION

Model	PLN-1116GB-SFP
Fixed Port	8*10/100/1000M bt PoE ports (Data /Power) 1*10/100/1000M uplink RJ45 port (Data) 1*1000M uplink SFP port (Data)
Ethernet Port	10/100/1000Base-T(X) auto-sensing, full/half duplex MDI/MDI-X self-adaption
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP (≤100 meter) 100BASE-TX: Cat5 or later UTP (≤100 meter) 1000BASE-T: Cat5e or later UTP (≤100 meter)
SFP Slot Port	Gigabit SFP optical fiber port, default no includes optical modules (optional 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 IEEE802.3u 1000Base-T, IEEE802.3z 1000Base-X, IEEE802.3x
Forwarding Mode	Store and Forward (Full Wire Speed)
Switching Capacity	20Gbps (non-blocking)
Forwarding Rate@64byte	14.88Mpps
MAC	8K
Buffer Memory	2M
Jumbo Frame	9.2K
LED Indicator	Power: PWR (Green), Network: Link (Yellow), PoE: PoE (Green)
PoE Port	Port 1 to 8 @bt PoE and backward compatible with IEEE802.3af/at
Power Supply Pin	Default 1,2,4,5 (+) & 3,6,7,8 (-)
Max Power Per Port	90W; IEEE802.3af/at/bt
Total PWR / Input Voltage	600W / (AC100-240V)
Power Consumption	Standby<10W, Full Load<640W
Input Voltage / Interface	DC48-57V/ DC5521 power supply terminal connected
Power Supply	Built-in switching power supply, AC100~240V 50-60Hz 4.1A
Operation TEMP / Humidity	-20~+55°C, 5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+80°C, 5%~95% RH Non condensing
Dimension	(L*W*H) 440*225*44mm
Net /Gross Weight	<2.5kg /<3.0kg
Installation	Desktop,1U/19-inch cabinet installation
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30
Certification	CCC; CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS