pöllö

10/1000 Mbps

7 Port PoE

PLN-1104GB-1SFP

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Overview:

The **PLN-1104GB-1SF** is a Gigabit PoE fiber switch independently developed by POLLO. It has 6*10/100/1000Base-T RJ45 ports and 1*1000Base-X uplink SFP fiber port. Port 1-4 can support PoE+ power supply, and the single-port PoE power reaches 30W. 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, IP camera, VoIP phone, video access control intercom, etc., through a network cable to meet the network environment that needs a high-density PoE power supply. It is suitable for hotels, campuses, factory quarters, and small and medium-sized enterprises to form an economically efficient network. Unmanaged mode, plug and play, no configuration, easy to use.

FEATURES:

Full gigabit access, gigabit TP/SFP port uplink

- Support non-blocking wire-speed forwarding for smoother transmission.
- Support full-duplex based on IEEE802.3x and half-duplex based on Backpressure.
- Provide Gigabit RJ45 ports and SFP fiber port for flexible networking and meets the networking requirements of various scenarios.

Smart PoE power supply

- Comply with PoE+ power standard, automatically identify PoE devices for power without damaging non-PoE devices.
- 4*10/100/1000Base-T RJ45 ports support PoE power to meet the needs of PoE power in various scenarios in the security field.
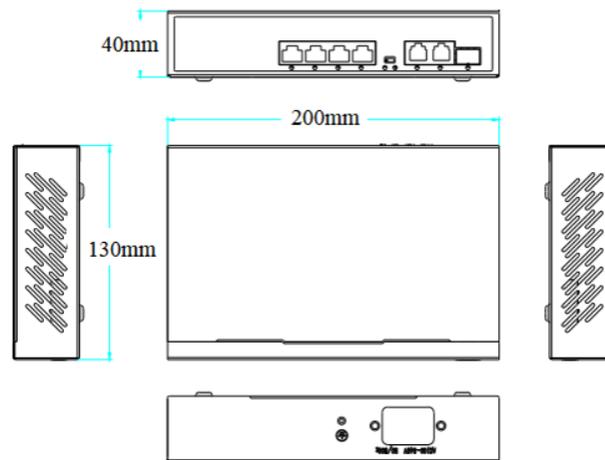
Innovative function

- **PoE watchdog:** The watchdog function is enabled by default for port 1-4, which can automatically detect the data communication status in real-time. When the port communication fails, the corresponding port PoE will automatically restart.

- **Long distance + VLAN mode (E):** When the switch is turned to ON (default OFF), the rate of ports 1-4 is 10M, and the maximum transmission distance is up to 250 meters. At the same time, the physical VLAN isolation function of ports 1-4 is enabled.
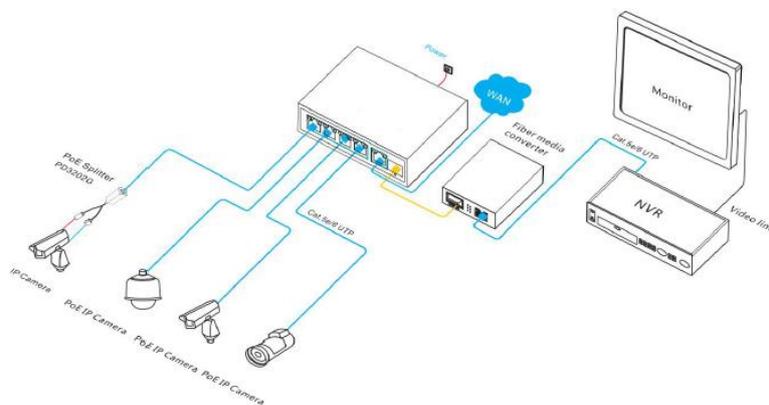
Stable and reliable

- CCC, CE, FCC, RoHS.
- Plug and play, no configuration, simple and convenient.
- The user-friendly panel can show the device status through the LED indicator of PWR, Link, and PoE.
- Low power consumption, galvanized steel housing, and excellent heat dissipation to ensure the stable operation of the switch

DIMENSION

APPLICATION

TECHNICAL SPECIFICATION

Model	**PLN-1104GB-1SF**
Fixed Port	1*1000Base-X uplink SFP fiber port (Data) 2*10/100/1000Base-T uplink RJ45 ports (Data) 4*10/100/1000Base-T PoE ports (Data/ Power)
Ethernet Port	Port 1-6 can support 10/100/1000Base-T(X) auto-sensing, full/ half duplex MDI/ MDI-X self-adaption
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP (≤250 meters) 100BASE-TX: Cat5 or later UTP (≤100 meters) 1000BASE-T: Cat5e or later UTP (≤100 meters)
Optical Fiber Port	Default no include optical module (optional single-mode/ multi-mode, single fiber/ dual fiber optical module, LC)
Optical Cable/ Distance	Multi-mode: 850nm/ 0-550m, Single-mode: 1310nm/ 0-40km, 1550nm/ 0-120km
Function Switch	**E file:** Long distance transmission and VLAN isolation function, Default-OFF, enable-ON, when opening, port 1-4 support 10M/250 meter transmission and VLAN isolation
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	14Gbps (non-blocking)
Forwarding Rate@64byte	10.4Mpps
MAC	2K
Buffer Memory	2M
Jumbo Frame	9.2K
LED Indicator	Power: PWR (Green), Function switch: Extend (Green), Network: Link (Green), PoE: PoE (Red)
PoE Port	Port 1-4
Power Supply Pin	1/2(+) 3/6(-)
Max Power Per Port	30W, PoE+
Total PWR/ Input Voltage	65W/ (AC100-240V)
Power Consumption	Standby <3W, full load <65W
Power Supply	Built-in power supply, AC100~240V 50-60Hz, 1.0A
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)	200*130*40mm
Net /Gross Weight	0.6kg/ 0.9kg
Installation	Desktop, Wall mount
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30

Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15, RoHS
Warranty	1 year, lifelong maintenance