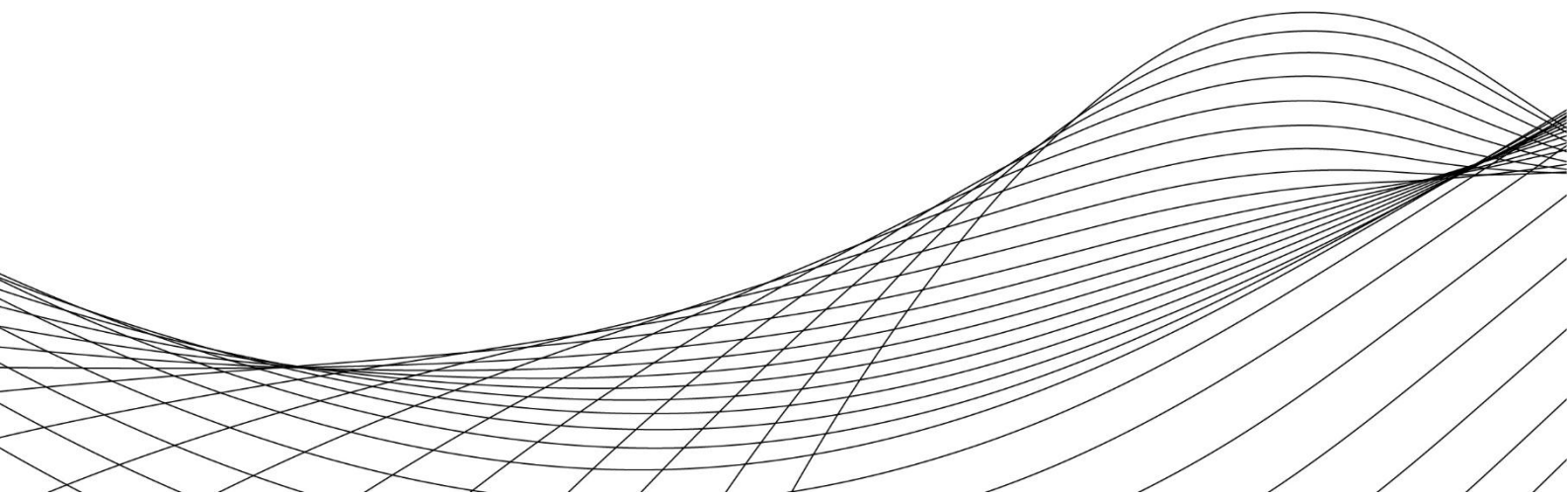


10-Port Gigabit PoE Network Switch

PLN-1108GB

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10-Port Gigabit PoE Network Switch



Overview:

The **PLN-1108GB** is a full gigabit unmanaged PoE switch independently developed by Pollo. It has 8*10/100/1000Base-T PoE ports and 2*10/100/1000Base-T uplink RJ45 ports. Port 1-8 can support IEEE802.3af/at PoE standard. Single-port PoE power up to 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, webcam, VoIP phone, video access control intercom, etc. through network cable to meet the network environment that needs high-density PoE power supply. It is suitable for hotels, campuses, factory quarters and small and medium-sized enterprises to form an economy efficient network.

Key Features:

- ❖ 8 × Gigabit PoE ports (10/100/1000Base-T) for data & power
- ❖ 2 × Gigabit uplink RJ45 ports (10/100/1000Base-T)
- ❖ Auto-sensing ports with MDI/MDI-X self-adaptation, full/half duplex
- ❖ Supports Cat3–Cat5e UTP, transmission distance up to 100 m
- ❖ Compliant with IEEE 802.3 / 802.3u / 802.3ab / 802.3x standards
- ❖ Store-and-Forward switching, full wire-speed performance
- ❖ 20 Gbps non-blocking switching capacity
- ❖ 14.88 Mpps forwarding rate 64-byte packets
- ❖ 2K MAC address table, 2 MB buffer memory
- ❖ Supports 9.2K jumbo frames
- ❖ IEEE 802.3af/at PoE on ports 1–8
- ❖ 30 W max per PoE port, 120 W total PoE budget
- ❖ Built-in AC power supply (100–240 V, 50/60 Hz)
- ❖ Low power consumption: <6 W standby, <120 W full load
- ❖ LED indicators for Power, Link, and PoE status
- ❖ Supports desktop and wall-mount installation
- ❖ 4KV lightning protection, IP30 protection level
- ❖ Certified: CCC, CE, FCC, RoHS

FEATURES:

10/1000Mbps access, Dual RJ45 port uplink

- Support IEEE 802.3x full-duplex flow control and Backpressure.
- Support non-blocking wire-speed forwarding for smoother transmission.
- Provides Gigabit Ethernet ports and dual RJ45 ports uplink for flexible networking and meets the networking requirements of various scenarios.

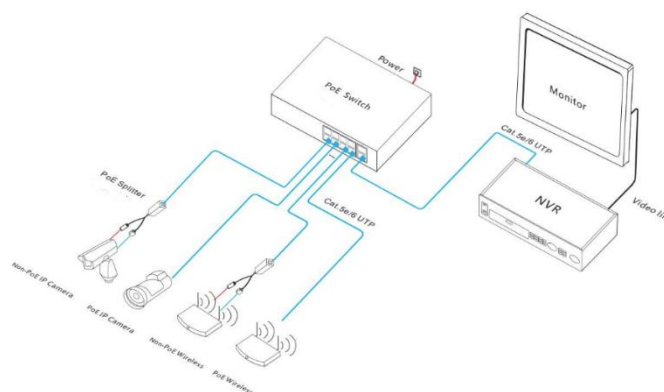
Intelligent PoE power supply

- IEEE802.3af/at PoE standard, without damaging non-PoE devices.
- 8*10/100/1000Base-T RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
- 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.

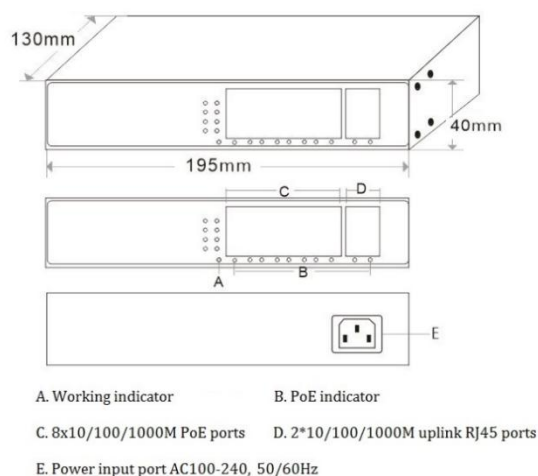
Stable and reliable, easy to use

- 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



APPLICATION



TECHNICAL SPECIFICATION

Model	PLN-1108GB
Fixed Port	8*10/100/1000Base-T PoE ports (Data/Power)
Ethernet Port	2*10/100/1000Base-T uplink RJ45 ports (Data)
Twisted Pair Transmission	Port 1-6/ Port 1-10 support 10/100/1000Base-T auto-sensing, full/half duplex MDI/MDI-X self-adaption
	10BASE-T: Cat3, 4, 5 UTP (≤100 meters)
	100BASE-TX: Cat5 or later UTP (≤100 meters)
	1000BASE-T: Cat5e or later UTP (≤100 meters)
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T
	IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3x
Forwarding Mode	Store and Forward (Full Wire Speed)
Switching Capacity	20Gbps (non-blocking)
Forwarding Rate@64byte	14.88Mpps
MAC	2K
Buffer Memory	2M
Jumbo Frame	9.2k
LED Indicator	Power: PWR (Green), Network: Link (Green), PoE: PoE (Green)
PoE Port	Port 1 to 8
Power Supply Pin	1/2(+) 3/6(-)
Max Power Per Port	30W, IEEE802.3af/at
Total PWR / Input Voltage	120W/ (AC100-240V)
Power Consumption	Standby <6W, Full load <120W
Power Supply	Built-in power supply, AC100~240V 50-60Hz 2.2A
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)	195*130*40mm
Net /Gross Weight	<0.9kg / <1.2kg
Installation	Desktop, Wall-mounted
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