# 6-Port Gigabit PoE Network Switch

# PLN-1104GB

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## Overview:

The **PLN-1104GB** is a full gigabit unmanaged PoE switch independently developed by POLLO. It has 4*10/100/1000Base-T PoE ports and 2*10/100/1000Base-T uplink RJ45 ports. Port 1-4 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.

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

# Key Features:

- Indoor PT Wi-Fi camera designed for home and office use
- 4 × Gigabit PoE ports for data and power transmission
- 2 × Gigabit uplink RJ45 ports for network expansion
- Supports 10/100/1000 Mbps auto-sensing Ethernet ports
- Full/half duplex with MDI/MDI-X auto-adaptation
- Compatible with Cat3, Cat5, Cat5e, and higher UTP cables
- Transmission distance up to 100 meters
- Complies with IEEE 802.3, 802.3u, 802.3ab, and 802.3x standards
- Store-and-forward forwarding mode at full wire speed
- 16 Gbps non-blocking switching capacity
- Forwarding rate up to 8.93 Mpps
- 8K MAC address table
- 2 MB buffer memory for smooth data handling
- Supports jumbo frames up to 9.2K
- IEEE 802.3af/at PoE support with up to 30W per port
- Total PoE power budget of 65W
- Built-in AC power supply (100–240V, 50/60Hz)
- Low power consumption (<5W standby)
- LED indicators for power, network, and PoE status
- Lightning protection up to 4KV with IP30 protection level

## FEATURES:

### Full gigabit rate, dual RJ45 ports 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.

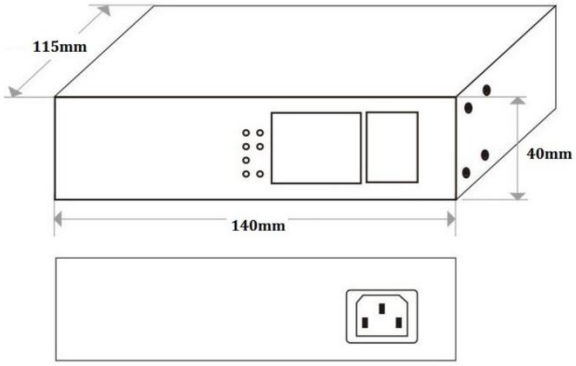
### Intelligent PoE power supply

- IEEE802.3af/at PoE standard, without damaging non-PoE devices.
- 4*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.

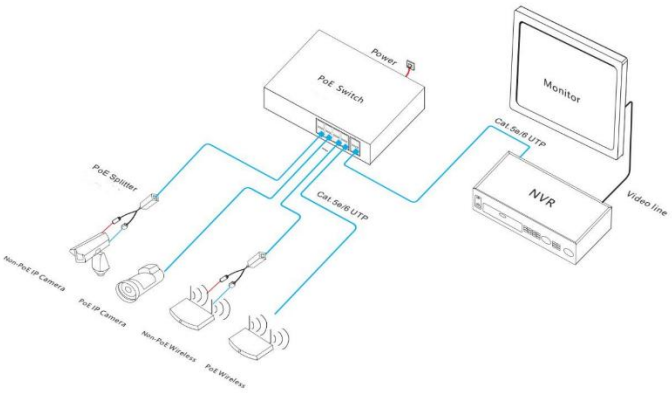
### Stable and reliable, easy to use

- CCC, CE, FCC, RoHS.
- Plug and play, no configuration, simple and convenient.
- Low power consumption, galvanized steel casing, no fan.
- The user-friendly panel 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.

## DIMENSION




## APPLICATION



# Specifications:

| | |
|---|---|
| **Model** | **PLN-1104GB** |
| **Fixed Port** | 4*10/100/1000Base-T PoE ports (Data/Power) |
| | 2*10/100/1000Base-T uplink RJ45 ports (Data) |
| **Ethernet Port** | Port 1-6/ Port 1-10 support 10/100/1000Base-T auto-sensing, full/half duplex MDI/MDI-X self-adaption |
| **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) |
| **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** | 16Gbps (non-blocking) |
| **Forwarding Rate@64byte** | 8.93Mpps |
| **MAC** | 8K |
| **Buffer Memory** | 2M |
| **Jumbo Frame** | 9.2k |
| **LED Indicator** | Power: PWR (Green), Network: Link (Green), PoE: PoE (Green) |
| **PoE Port** | Port 1 to 4 |
| **Power Supply Pin** | 1/2(+) 3/6(-) |
| **Max Power Per Port** | 30W, IEEE802.3af/at |
| **Total PWR / Input Voltage** | 65W/ (AC100-240V) |
| **Power Consumption** | Standby <5W, Full load <65W |
| **Power Supply** | Built-in power supply, AC100~240V 50-60Hz 1.1A |
| **Operation TEMP / Humidity** | -20~+55°C, 5%~90% RH Noncondensing |
| **Storage TEMP / Humidity** | -40~+75°C, 5%~95% RH Noncondensing |
| **Dimension (L*W*H)** | 140*115*40mm |
| **Net /Gross Weight** | <0.6kg / <1.0kg |
| **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 |
| **Warranty** | 1-year, lifelong maintenance. |