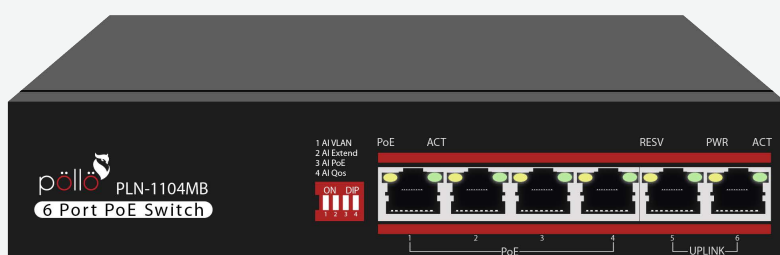




# 10/100 Mbps 6-Port AI PoE PLN-1104MB



## Pollo Pty Ltd.

Address: Suite 401, 55 Phillips St. Parramatta, NSW 2150

Phone: 1300 6600 368

Email: [info@pollo.net.au](mailto:info@pollo.net.au)

Website: [www.pollo.net.au](http://www.pollo.net.au)





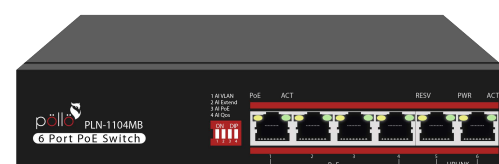
## 10/100M 6-Port AI, PoE Switch (PLN-1104MB)

### Fast Ethernet 6- Port Artificial Intelligence PoE Switch

- ✔ CCTV Extend: 1-4 ports support 250 meters long distance power supply (should use cat5e or cat6 cable)
- ✔ VLAN: Isolating ports 1-4 to can effectively suppress network storms and improve network performance.
- ✔ AI QoS: Prioritize the identified video data to make the video transmission smoother.
- ✔ AI PoE: Automatically detects the power receiving port, finds the dead device, and restarts the device after power off.
- ✔ Support wireless access points (APs) and network surveillance cameras via Cat 5 cables;
- ✔ Support IEEE802.3af/at standard PD device.
- ✔ Supports uplink port auto-flip (Auto MDI/MDIX)
- ✔ Adopt store-and-forward exchange mechanism
- ✔ With power circuit protection, it can protect the security of the back-end equipment;
- ✔ Zero configuration feature power is automatically supplied to the adaptive device;
- ✔ No fan design to achieve energy saving and environmental protection;
- ✔ Support port no link power saving function;

### Description

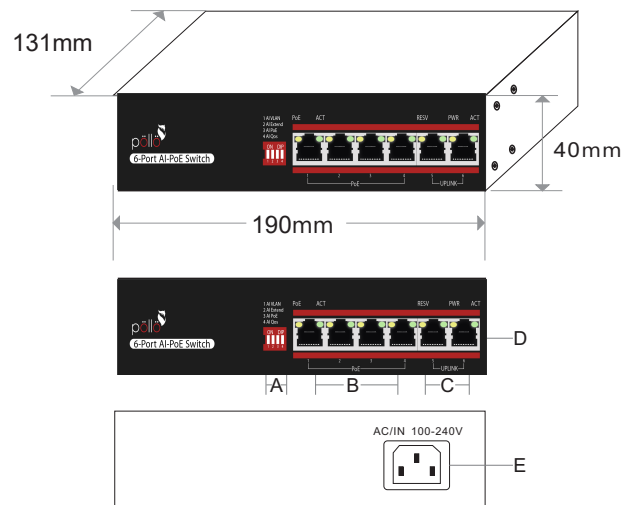
PLN-1104MB is 6 port built-in power 10/100Mbps PoE switch with 4 working modes, AI VLAN, AI Extend, AI PoE, and AI QOS. In Standard mode, all ports are free to communicate; In VLAN mode is enabled, 1-4 ports are isolated from each other, which can effectively suppress network storms and improve network performance. In the CCTV Extend mode 1-4 ports can effectively transmit distances up to 250 meters, which is suitable for remote monitoring and power supply. In the AI PoE mode, the switch automatically detects the working status of the PD device and finds that the abnormal device automatically restarts the device. In the AI QOS mode, when the device is congested, the video data is processed preferentially to make the video smoother. The device supports the standard IEEE 802 af/at protocol, which can automatically detect and identify the PDs that comply with the IEEE 802 af/at standard and provide power for them, so there is no need to worry about PoE or non-PoE devices that can damage private standards.



## Technical Specification

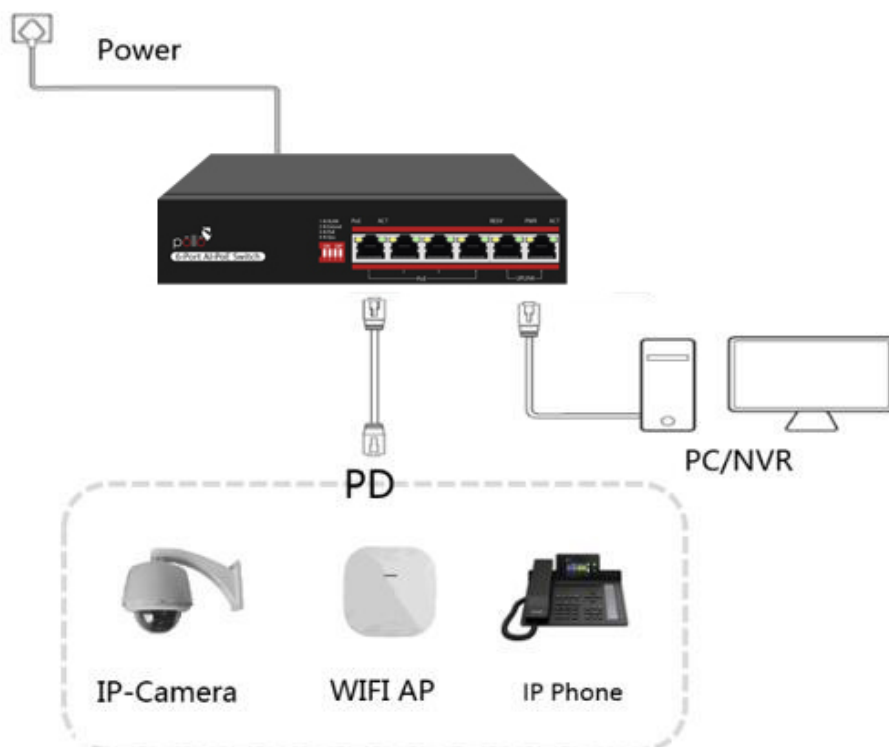
<b>Product Name</b>	<b>Fast Ethernet 6-Port Artificial Intelligence PoE Switch</b>
<b>Product Model</b>	PLN1104MB
<b>Connector</b>	4 10/100Mbps PoE RJ45 port (MDI/MDIX auto sensing) Max Power Output; Single port: 30W                      Total : 60W Transmission Distance; 100m @ 100Mbps              250m @ 10Mbps
<b>Transfer Mode</b>	Store & forward
<b>Network Medium</b>	Twisted pair
<b>Performance Specification</b>	Bandwidth: 1.2Gbps (no block) Network latency (100 to 100M bps) : maximum 20 μs (using 64 byte packet) Buffer Memory:800Kbit      MAC Size: 1K MTBF: 50000 hours
<b>Network Protocols and Standards</b>	IEEE 802.3i、 IEEE 802.3u、 IEEE 802.3x、 IEEE 802.3af, IEEE 802.3at
<b>Switch Mode Definition</b>	AI VLAN      AIPoE AI EXTEND      AI Qos
<b>LEDs Status</b>	PWR              RESV L/A              PoE Indicator
<b>Power</b>	Total Power: 60W Single Port: 30W
<b>Dimension</b>	190 * 40 * 131 mm
<b>Working Environment</b>	Operating Temperature: 0 ° ~ 40 ° C; Storage Temperature: -40° ~ 70° C; Humidity: 10% ~ 90%, non condensing Storage Humidity: 5% ~ 90%, non-condensing; Working Altitude: 3000m Storage Altitude: 3000m
<b>Radiation</b>	CE FCC FCCI Class A
<b>Safety</b>	CE/ROHS/FCC/CCC
<b>Warranty</b>	1 year warranty

## Dimensions



- A. Working Indicator    B. 4x 100M PoE Ports  
 C. 100M Uplink Port    D. Switch ( Standard: 100m ; Extend: 250m)  
 E. AC100-240V, 50/60Hz

## Application



## Ordering Information

**Product Model:** PLN1104MB

**Product Description:** 6-Port 10/100M Artificial Intelligence PoE Switch.Port 1-4 support PoE function with port isolation function. IEEE802.3af/at, max PoE power output for each port is 30W. Total power is 60W. Long transmission distance at 250 meters for both power and data. Built-in power suppl

## Packing List

Packing List	10/100M 6-Port Artificial Intelligence PoE Switch
	Power Cable
	Mounting Kits
	User Guide
	Warranty Card