

## Pinoten Ethernet Switch PL0108P120w

Unmanaged PoE Switch with 8x10/100/1G/2.5G PoE + 1x100M/1G/2.5G/5G/10G



The PL0108P120w is a compact 10G uplink non-managed PoE switch, equipped with 10/100/1G/2.5G PoE + 1×100M/1G/2.5G/5G/10G uplink RJ45 port. It supports Hi-PoE output (90W for Port 1, 30W for Ports 2-8) with a 120W max PoE bridge, delivering 60Gbps switching bandwidth and 49.76Mpps wire-speed forwarding. Featuring a space-saving desktop design, 6KV lightning protection, IP30 rating and wide temperature adaptability (-10°C~+55°C), it has passed CE/FCC/RoHS certifications and comes with a 1-year device warranty, ensuring reliable PoE power supply and high-speed data transmission for small-scale network deployments. Light-managed is controlled through a DIP switch

### Feature

- Port & PoE: 8×10/100/1G/2.5G PoE RJ45 (Data + Power) + 1×10G multi-speed uplink RJ45; Port1: IEEE802.3af/at/bt (90W), Ports2-8: 802.3af/at (30W); 120W max PoE bridge.
- Performance: 60Gbps bandwidth, 49.76Mpps packet forwarding; 4K MAC, 8.1Mbit buffer, 12Kbyte jumbo frame.
- IGMP Support with DIP Switch Configuration
- Transmission: Multi-distance support for different speeds (10BASE-T ≤250m, 10G-TX ≤80m); CAT3+/UTP compatible (per speed grade).
- Power: External DC 52V2.3A power (100-240Vac 50/60Hz input), max 120W total power.
- Design & Size: Compact desktop design (220×112×28mm); N.W 0.74kg, G.W 1.45kg; clear LED status indicators (PWR/SYS/Link/Act/Speed/PoE).
- Reliability: 6KV 8/20us lightning protection, IP30 ingress protection; non-condensing humidity support (5%~90% operating).
- Environment: Operating temp -10°C~+55°C, storage temp -40°C~+75°C; 5%~95% non-condensing storage humidity.
- Fanless Cooling with 0 dB Noise Level
- Designed for 24/7 Operation
- Certification & Warranty: CE-EMC EN55032, CE-LVD EN62368, FCC Part 15 Class B, RoHS; 1-year warranty for the whole device (accessories excluded).

## Specifications

Fixed Port	8*10/100/1000/2500Base-TX uplink RJ45 port (Data + Power) 1*100/1000/2.5G/5G/10G uplink RJ45 port (Data)
PoE Ports	1 port supports IEEE802.3af/at/bt, max 90W/port PoE out 2-8 port supports IEEE802.3af/at, max 30W/port, PoE out
PoE Pin	af/at/bt: 12+ 45+; 36- 78- af/at: 12+ 36-
PoE Bridge	Max 120W
Bandwidth	60Gbps
Packet Forwarding	49.76Mpps
MAC	4K
Buffer	8.1 Mbit SRAM Packet Buffer
Jumbo Frame	12Kbyte
Transmission Distance	10BASE-T: Cat3,4,5 UTP (≤250 meter) (10G port Not Supported) 100BASE-TX: Cat5 or later UTP (≤150 meter) 1000BASE-TX: Cat6 or later UTP (≤150 meter) 2500BASE-TX: Cat6 or later UTP (≤100 meter) 5G-TX: Cat6 or later UTP (≤90 meter) 10G-TX: Cat6 or later UTP (≤80 meter)
LED Indicator	PWR: Power LED/SYS LED 1-8 Ports: Link/Act LED,1G speed LED,2.5G speed LED Port 9: Link/Act LED,2.5G/5G speed LED,10G speed LED POE: POE on LED
Power	External power DC:52V2.3A Max 120W (100-240Vac 50/60Hz 1.5A)
Operating Temperature/Humidity	-10°C~+55°C; 5%~90%
Storage Temperature/Humidity	-40°C~+75°C; 5%~95%
Product / Packing Size (L*W*H)	220mm*112mm*28mm 265mm*220mm*68mm
N.W / G.W (kg)	0.74kg / 1.45kg