

PPE-0105



PPE-0105 is a layer 2 100 Mbps PoE switch. Based on wire-speed forwarding, the switch supports Ethernet PoE power supply and extend mode. The power supply distance reaches as long as 250 m. It also supports prior and stable transmission of the important surveillance area video when connected to the high priority ports.



Feature and Function

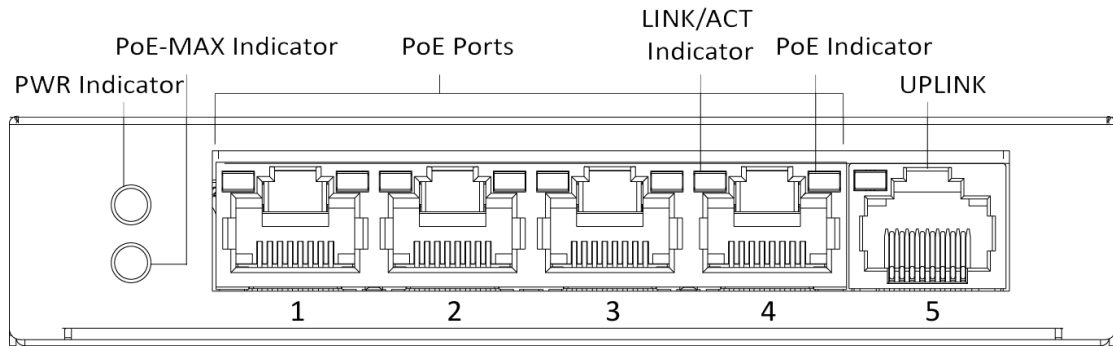
- 4 × 100 Mbps PoE ports and 1 × 100 Mbps Ethernet port.
- IEEE 802.3at/af standard.
- IEEE 802.3, IEEE 802.3u and IEEE 802.3x standard.
- High priority ports.
- 8-core power supply.
- Up to 250 m transmission distance.
- 6 KV surge protection for PoE ports.
- PoE power management.
- 100 Mbps network access.
- Wire-speed forwarding and non-blocking design.
- Store-and-forward switching.
- Solid high-strength metal shell.
- Reliable fan-free design.

Specification

| Model | | PPE-0105 |
|---------------------------|--------------------------------------|--|
| Network parameters | Port number | 4 × 100 Mbps PoE ports, 1 × 100 Mbps Ethernet port |
| | Port type | RJ45 port, full duplex, MDI/MDI-X adaptive |
| | Standard | IEEE 802.3, IEEE 802.3u, IEEE 802.3x |
| | Forwarding mode | Store-and-forward switching |
| | Working mode | Standard mode (default); Extend mode |
| | High priority ports | Ports 1 to 2 |
| | Ports for long-distance transmission | Ports 1 to 4 |
| | MAC address table | 1 K |
| | Switching capacity | 1 Gbps |
| | Packet forwarding rate | 0.744 Mpps |
| | Internal cache | 448 Kbits |
| PoE power supply | PoE standard | IEEE 802.3af, IEEE 802.3at |
| | PoE power pin | Supports 8-core power supply, Ethernet cable 1/2/3/6 and 4/5/7/8 provide simultaneous power supply |
| | PoE port | Ports 1 to 4 |
| | Max. port power | 30 W |
| | PoE power budget | 60 W |
| | Max. power consumption | 65 W |
| General | Shell | Metal material, fan-free design |
| | Gross weight | 0.74 kg (1.6 lb) |
| | Net weight | 0.2 kg (0.4 lb) |
| | Dimension (L × H × D) | 105 mm × 27.6 mm × 83.1 mm (4.1" × 1.1" × 3.3") |
| | Operating temperature | -10 °C to 55 °C (14 °F to 131 °F) |
| | Storage temperature | -40 °C to 85 °C (-40 °F to 185 °F) |
| | Operating humidity | 5% to 95% (no condensation) |
| | Storage humidity | 5% to 95% (no condensation) |
| | Power supply | 48 VDC, 1.35 A |
| Power consumption in idle | 5 W | |

Physical Interface

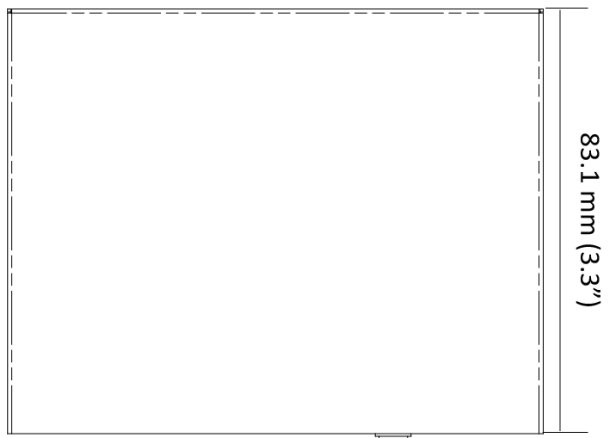
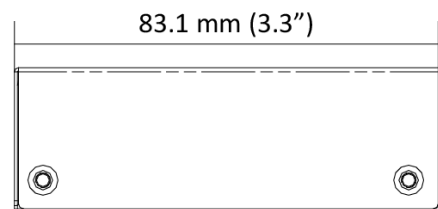
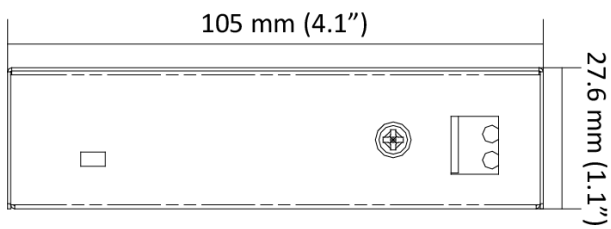
Front panel:



Back panel:



Dimension (unit: mm)



Typical Application

