

DS-3E0105P-E/M(B)

4-Port 100 Mbps Long-Range Unmanaged PoE Switch

DS-3E0105P-E/M(B) is a layer 2 100 Mbps PoE switch. Based on wire-speed forwarding, the switch supports PoE power supply and extend mode. The power supply distance reaches as long as 300 m. It also supports prior and stable transmission of the important surveillance area video when connected to the high priority ports.



Intelligent PoE



300 m Transmission



8-Core Power Supply



6 KV Surge Protection



High Priority Ports

Feature and Function

Intelligent PoE Management.

- When the power supply exceeds the limit, PoE ports intelligently manage the power supply, which extends the switch lifetime.

Up to 300 m Long Range PoE Transmission.

- The distance between IPCs and switch can reach maximum 300 meters.

4/8-Core Adaptive Power Supply with Less Power Loss.

- 8-core power supply reduces the power loss on cables.

6KV Surge Protection to Improve Reliability in Harsh Environment.

- The built-in surge protection device protects the switch from the sudden lightning surge in harsh environment.

Design for Video Transmission.

- VIP port ensures important data transmission when network congestion occurs.

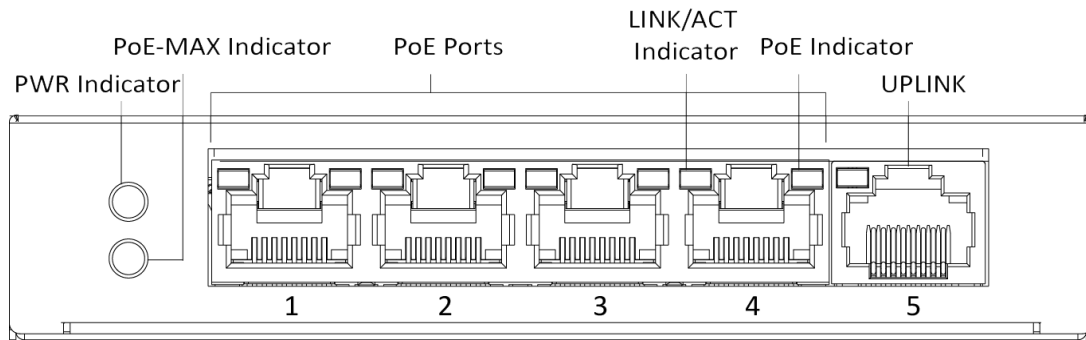


Specification

| Model | | DS-3E0105P-E/M(B) |
|--------------------|--------------------------------------|---|
| 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 | 35 W |
| | Max. power consumption | 38 W |
| General | Shell | Metal material, fan-free design |
| | Gross weight | 0.48 kg (1.06 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, 0.8 A |
| | Power consumption in idle | 3 W |
| Approval | EMC | FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 55024: 2010 +A1: 2015); RCM (AS/NZS CISPR 32: 2015); IC (ICES-003: Issue 6, 2016) |
| | Safety | UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013) |
| | Chemistry | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) |

Physical Interface

Front panel:



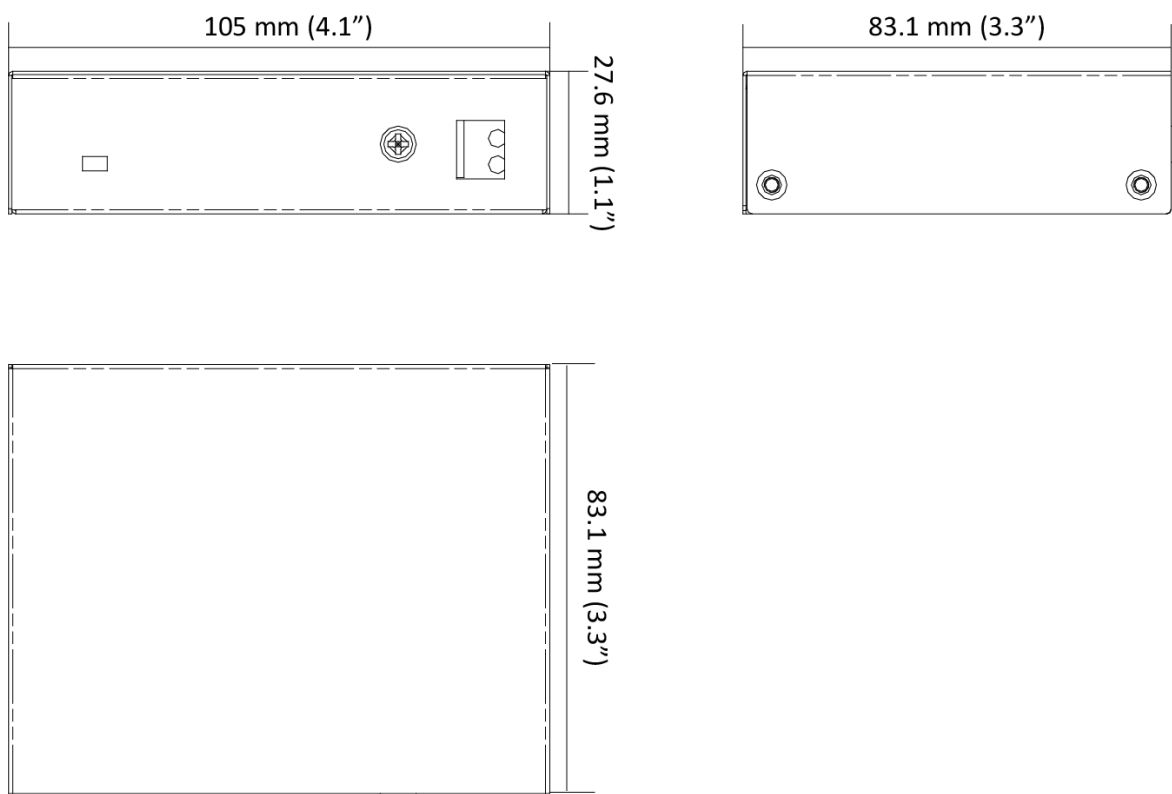
Back panel:



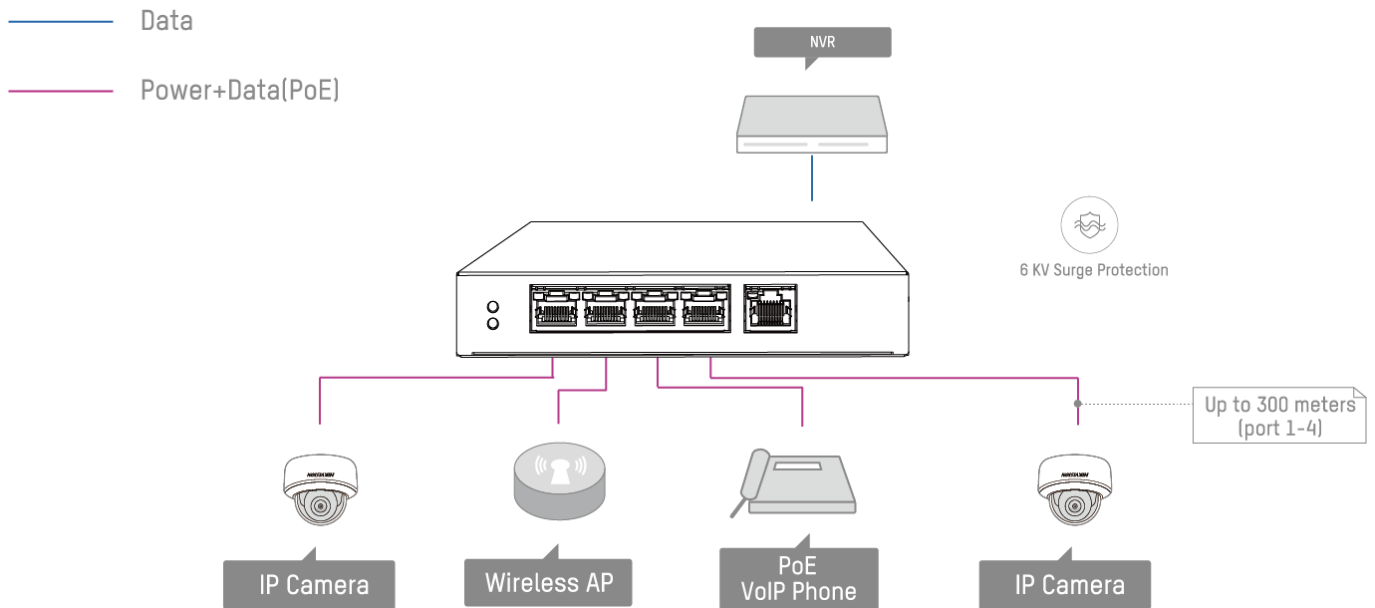
Available Model

DS-3E0105P-E/M(B)

Dimension (unit: mm)



Typical Application



Distributed by



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