

DS-3E0106HP-E

4-Port 100 Mbps Long-Range Unmanaged PoE Switch

DS-3E0106HP-E switches are layer 2 100 Mbps long-range PoE switches, providing 1 × 10/100 Mbps Hi-PoE port, 3 × 10/100 Mbps PoE ports, and 2 × 10/100 Mbps RJ45 ports. The switches provide advanced Hi-PoE/PoE technology and support extend mode with long-range access up to 300 m. The prior and stable transmission of the important surveillance area videos can also be guaranteed when connected to the high priority ports. Meanwhile, the 2 × 10/100 Mbps RJ45 uplink ports guarantee applications of multiple network solutions.



Intelligent PoE 300 m Transmission 802.3bt Hi-PoE 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.

IEEE 802.3bt Standard Hi-PoE, Max. 60 W for One Port.

- IEEE 802.3bt standard Hi-PoE port provides max. 60 W power supply for high power devices such as domes or other 802.3bt devices.

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.

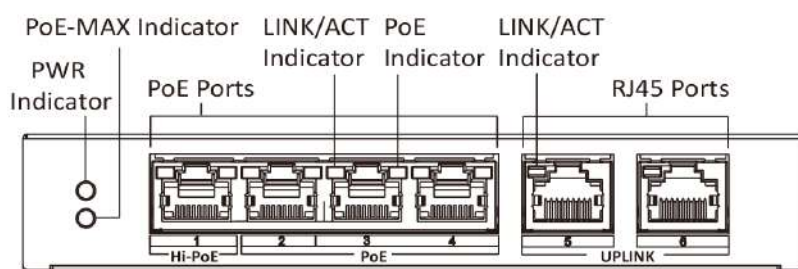


Specification

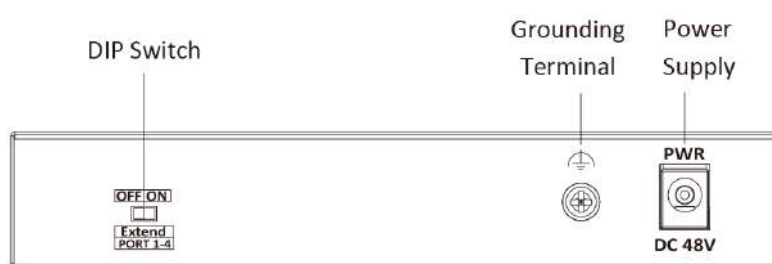
| Model | | DS-3E0106HP-E |
|---------------------------|--------------------------------------|---|
| Network parameters | Port number | 1 × 10/100 Mbps Hi-PoE port, 3 × 10/100 Mbps PoE ports, and 2 × 10/100 Mbps RJ45 ports |
| | Port type | RJ45 port, full duplex, MDI/MDI-X adaptive |
| | Standard | IEEE 802.3, IEEE 802.3u, IEEE 802.3x |
| | Forwarding mode | Store-and-forward switching |
| | Working mode | Standard mode (default); Extend mode |
| | High priority port | Ports 1 to 2 |
| | Ports for long-distance transmission | Ports 1 to 4 |
| | MAC address table | 2 K |
| | Switching capacity | 1.2 Gbps |
| | Packet forwarding rate | 0.893 Mpps |
| | Internal cache | 768 Kbits |
| | PoE power supply | PoE standard |
| PoE power pin | | Support 8-core power supply, Ethernet cable 1/2/3/6 and 4/5/7/8 provide power supply simultaneously. |
| PoE port | | Ports 1 to 4 |
| Max. port power | | Port 1: 60 W Ports 2 to 4: 30 W |
| PoE power budget | | 60 W |
| Max. power consumption | | 65 W |
| General | Shell | Metal material, fan-free design |
| | Gross weight | 0.77 kg (1.70 lb) |
| | Net weight | 0.24 kg (0.53 lb) |
| | Dimension (L × H × D) | 145 mm × 25.6 mm × 68.45 mm (5.7" × 1.0" × 2.7") |
| | 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 | |
| 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:



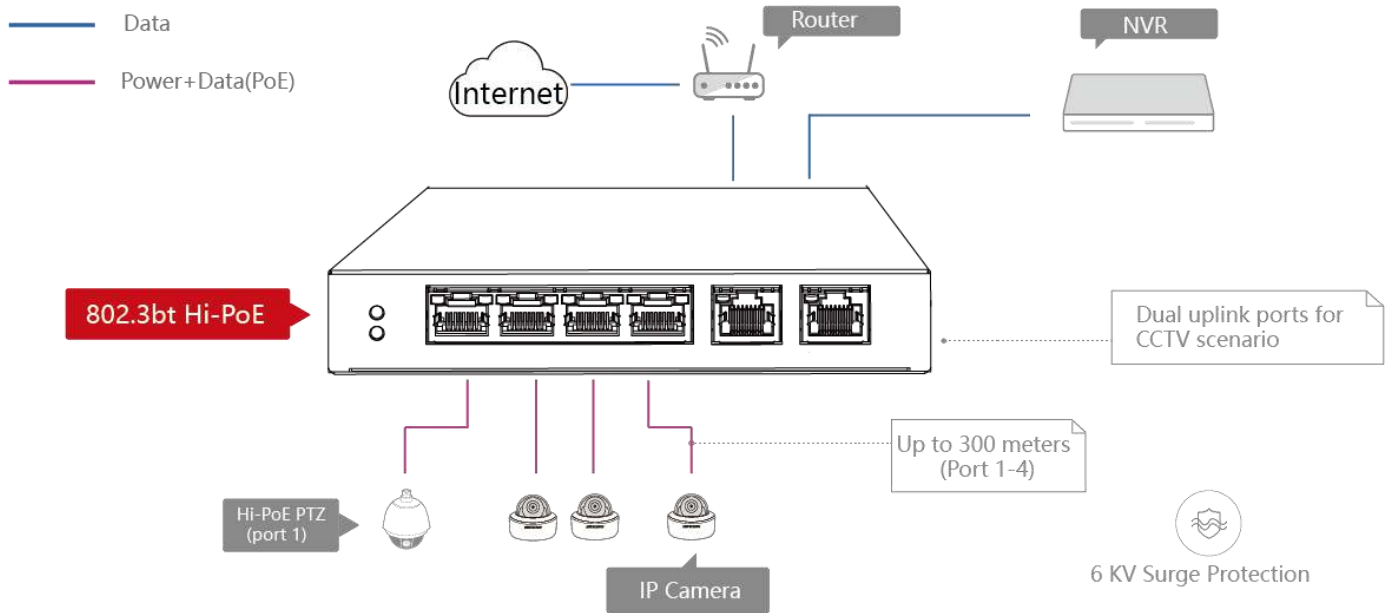
Available Model

DS-3E0106HP-E

Dimension (unit: mm)



Typical Application



Distributed by



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