

DS-3E0109P-E(C)

8-Port 100 Mbps Long-Range Unmanaged PoE Switch

DS-3E0109P-E(C) switches are layer 2 100 Mbps long-range PoE switches, providing 1 × 10/100 Mbps Hi-PoE port, 7 × 10/100 Mbps PoE ports, and 2 × 10/100/1000 Mbps RJ45 ports. The switches provide advanced Hi-PoE/PoE technology and supports extend mode with long-range access up to 250 m. Meanwhile, the 2 × 10/100/1000 Mbps RJ45 uplink ports guarantee applications of multiple network solutions.



Feature and Function

- 1 × 10/100 Mbps Hi-PoE port, 7 × 10/100 Mbps PoE ports, and 2 × 10/100/1000 Mbps RJ45 ports.
- IEEE 802.3at/af/bt standard for Hi-PoE port (Max. 60 W port power).
- IEEE 802.3at/af standard for PoE ports.
- IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, and IEEE 802.3z standard.
- 6 KV surge protection for PoE ports.
- AF/AT camera can reach up to 250m in extend mode. Hi-PoE camera can reach up to 150 m.
- PoE power management.
- Dual uplink network design.
- Wire-speed forwarding and non-blocking design.
- Store-and-forward switching.
- Solid high-strength metal shell.
- Reliable fan-free design.

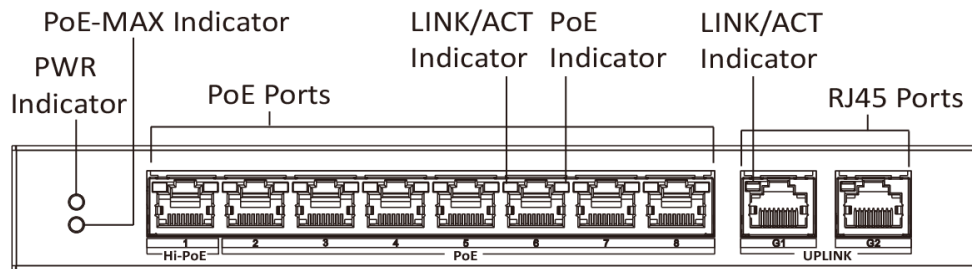


Specification

| | | |
|---------------------------|--------------------------------------|--|
| Model | | DS-3E0109P-E(C) |
| Network parameters | Port number | 1 × 10/100 Mbps Hi-PoE port, 7 × 10/100 Mbps PoE ports, and 2 × 10/100/1000 Mbps RJ45 ports |
| | Port type | RJ45 port, full duplex, MDI/MDI-X adaptive |
| | Standard | IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, and IEEE 802.3z |
| | Forwarding mode | Store-and-forward switching |
| | Working mode | Standard mode (default); Extend mode |
| | Ports for long-distance transmission | Ports 1 to 8 |
| | MAC address table | 16 K |
| | Switching capacity | 5.6 Gbps |
| | Packet forwarding rate | 4.166 Mpps |
| | Internal cache | 4 Mbits |
| PoE power supply | PoE standard | Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 2 to 8: IEEE 802.3af, IEEE 802.3at |
| | 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 8 |
| | Max. port power | Port 1: 60 W Ports 2 to 8: 30 W |
| | PoE power budget | 120 W |
| | Max. power consumption | 130 W |
| General | Shell | Metal material, fan-free design |
| | Gross weight | 1.22 kg (2.69 lb) |
| | Net weight | 0.55 kg (1.21 lb) |
| | Dimension (L × H × D) | 217.6 mm × 27.8 mm × 103.35 mm (8.6" × 1.1" × 4.1") |
| | Operating temperature | -10 °C to 60 °C (14 °F to 140 °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, 2.5 A |
| Power consumption in idle | 10 W | |

Physical Interface

Front panel:



Back panel:



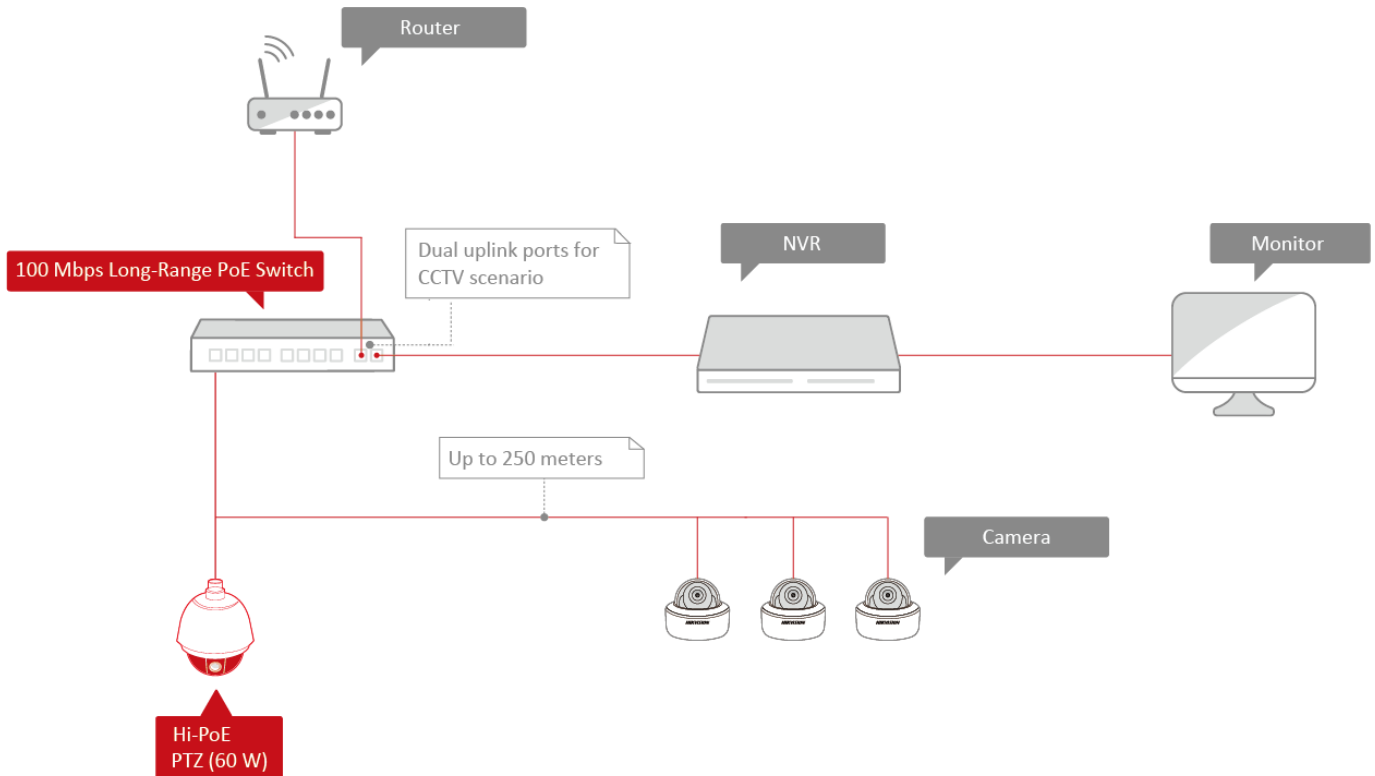
Available Model

DS-3E0109P-E(C)

Dimension (unit: mm)



Typical Application



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