

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, IEEE 802.3af, IEEE 802.3at and IEEE 802.3az 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.

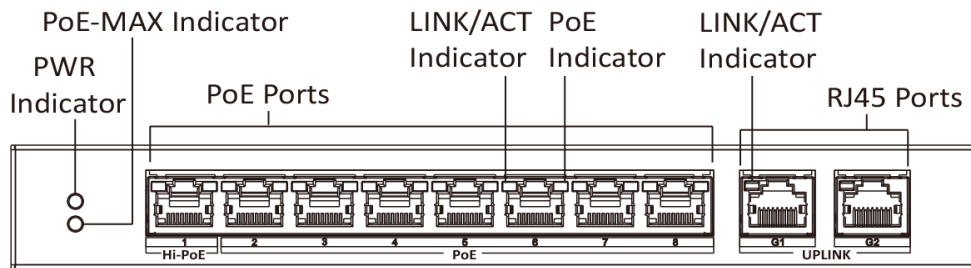


Specification

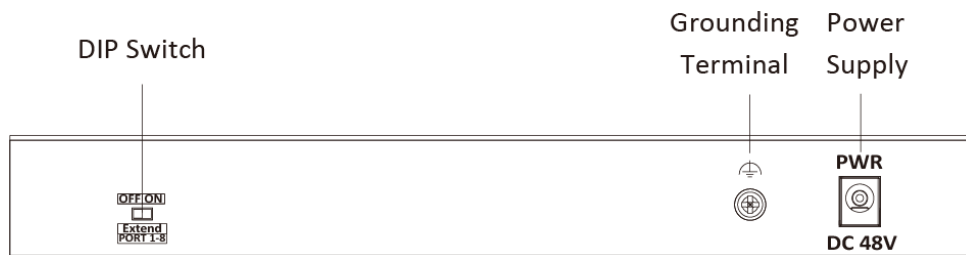
Model		DS-3E0109P-E(C)
Network parameters	Port number	1 × 10/100 Mbps Hi-PoE port, 7 × 10/100 Mbps PoE ports, and 2 × 10/100/1000 Mbps RJ45 ports
	Port type	RJ45 port, full duplex, MDI/MDI-X adaptive
	Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at and IEEE 802.3az
	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
Mean Time Between Failure (MTBF)	>50000 hours	

Physical Interface

Front panel:



Back panel:



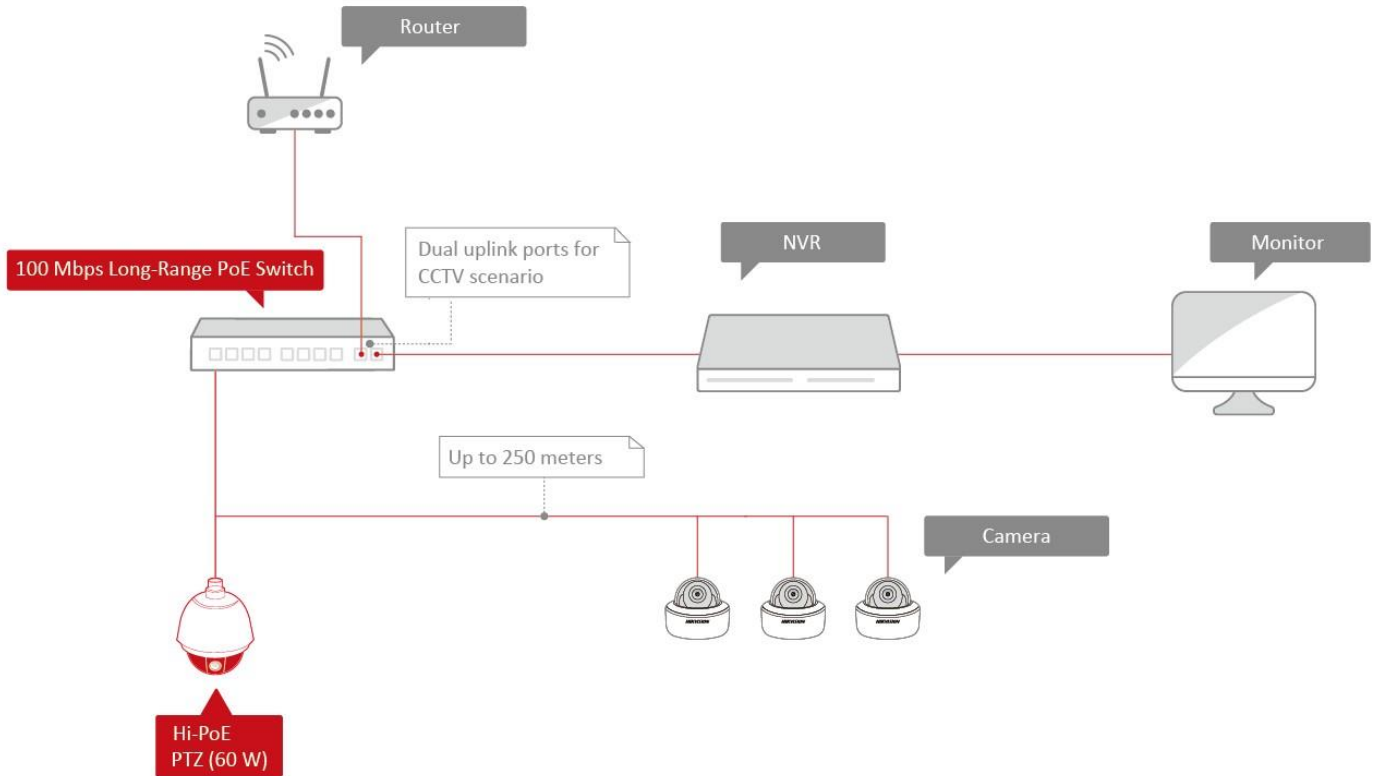
Available Model

DS-3E0109P-E(C)

Dimension (unit: mm)



Typical Application



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