

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 250 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.

**Feature and Function**

- 1 × 10/100 Mbps Hi-PoE port, 3 × 10/100 Mbps PoE ports, and 2 × 10/100 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, and IEEE 802.3x standard.
- 6 KV surge protection for PoE ports.
- AF/AT camera can reach up to 250 m in extend mode. Hi-PoE camera can reach up to 150 m.
- High priority ports.
- 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.

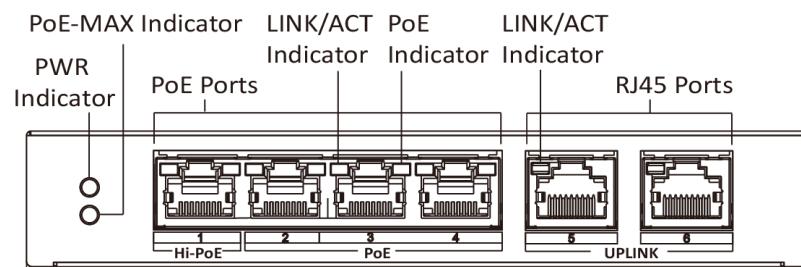


Specification

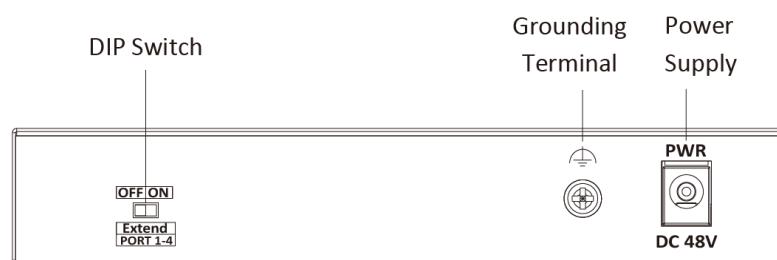
Model	DS-3E0106HP-E
Network parameters	Port number
	1 × 10/100 Mbps Hi-PoE port, 3 × 10/100 Mbps PoE ports, and 2 × 10/100 Mbps RJ45 ports
	Port type
	RJ45 port, full duplex, MDI/MDI-X adaptive
	Standard
	IEEE 802.3, IEEE 802.3u, IEEE 802.3x
	Forwarding mode
	Store-and-forward switching
	Working mode
	Standard mode (default); Extend mode
PoE power supply	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
General	Internal cache
	768 Kbits
	PoE standard
	Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 2 to 4: 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 4
	Max. port power
	Port 1: 60 W Ports 2 to 4: 30 W
	PoE power budget
	60 W
	Max. power consumption
	65 W
	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

Physical Interface

Front panel:



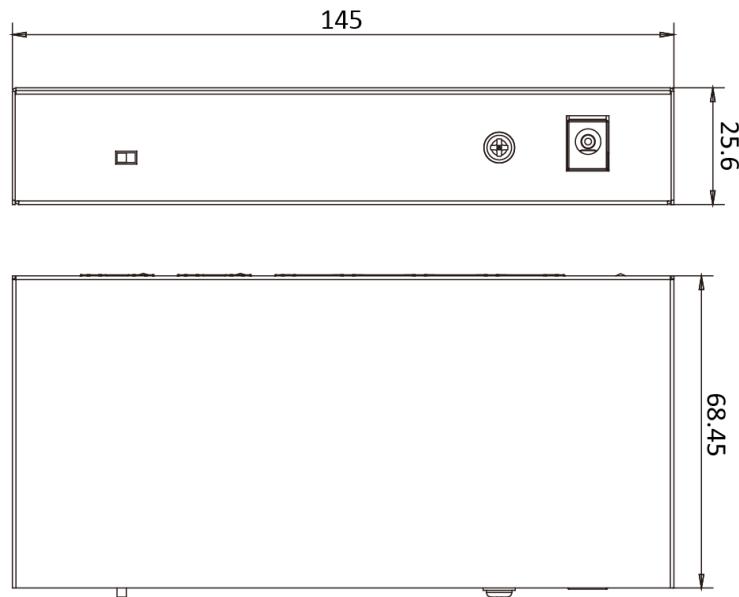
Back panel:



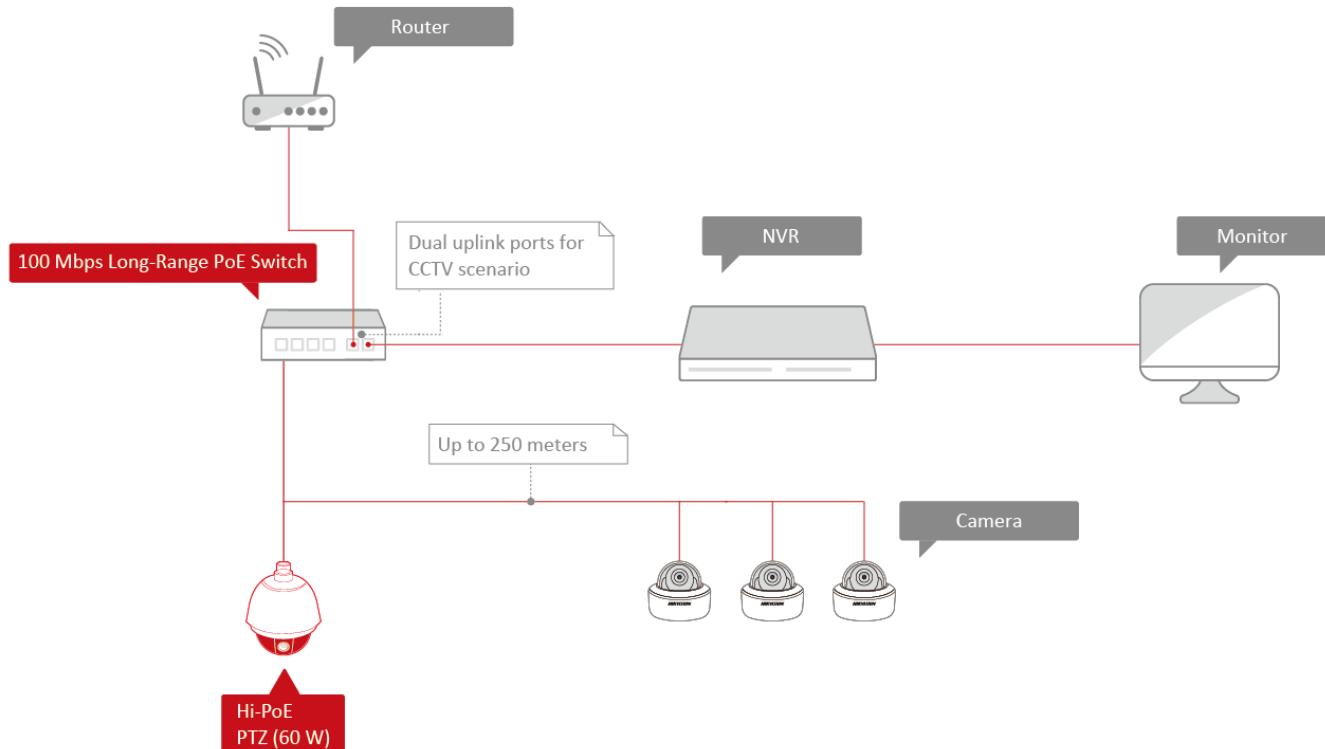
Available Model

DS-3E0106HP-E

Dimension (unit: mm)



Typical Application



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