

DS-3E0310HP-E**8-Port 100 Mbps Long-Range Unmanaged PoE Switch**

DS-3E0310HP-E 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 300 m. Meanwhile, the 2 × 10/100/1000 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

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. 90 W for One Port.

- IEEE 802.3bt standard Hi-PoE port provides max. 90 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.

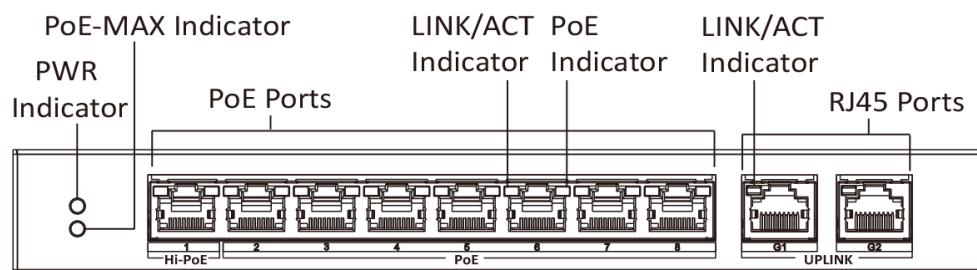


Specification

Model	DS-3E0310HP-E
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
PoE power supply	Standard mode (default); Extend mode
	Ports for long-distance transmission
	Ports 1 to 8
	MAC address table
	16 K
	Switching capacity
General	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
Approval	Max. port power
	Port 1: 90 W Ports 2 to 8: 30 W
	PoE power budget
	110 W
	Max. power consumption
	120 W
	Shell
	Metal material, fan-free design
	Gross weight
	1.22 kg (2.69 lb)
General	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 55 °C (14 °F to 131 °F)
	Storage temperature
	-40 °C to 85 °C (-40 °F to 185 °F)
	Operating humidity
Approval	5% to 95% (no condensation)
	Storage humidity
	5% to 95% (no condensation)
	Power supply
	48 VDC, 2.5 A
Approval	Power consumption in idle
	10 W
	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)
	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)

Physical Interface

Front panel:



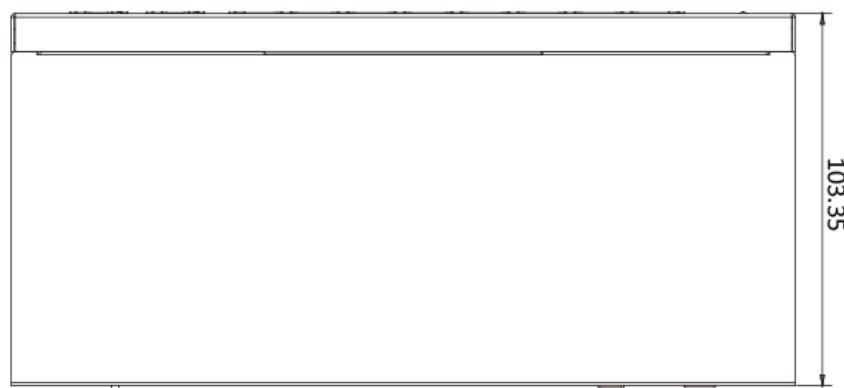
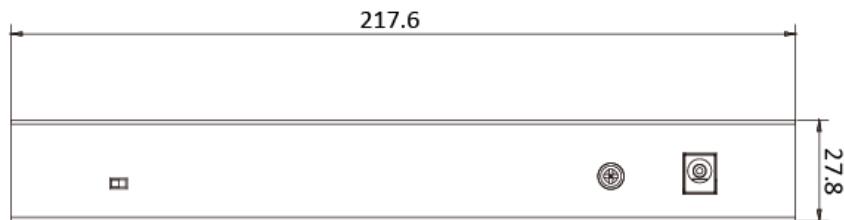
Back panel:



Available Model

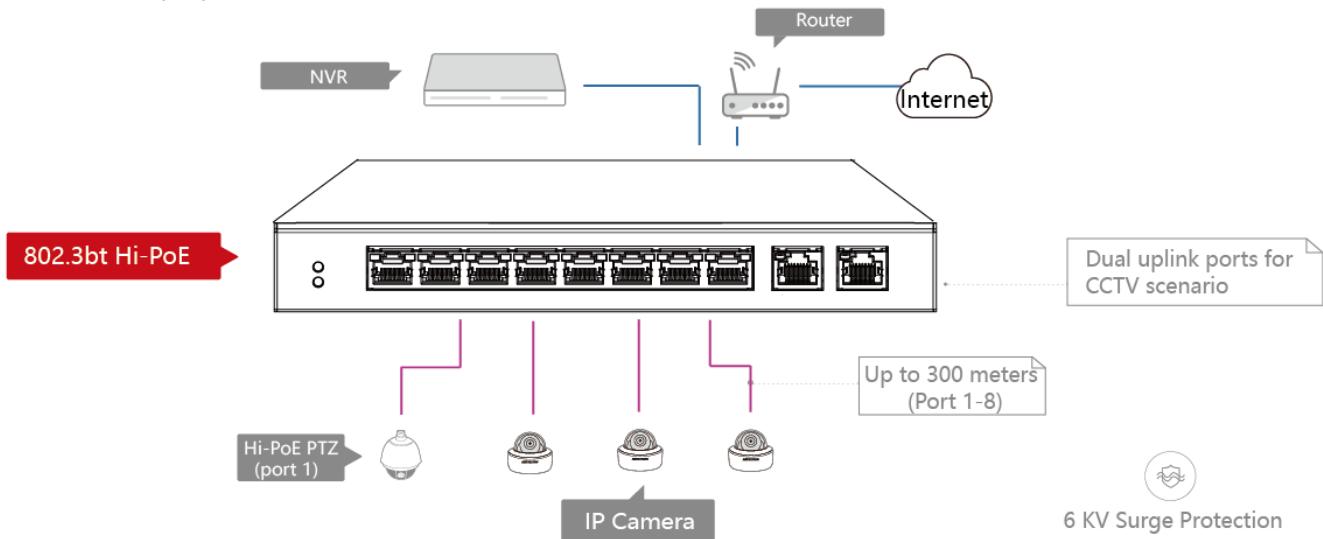
DS-3E0310HP-E

Dimension (unit: mm)



Typical Application

- Data
- Power+Data(PoE)



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