

## 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.



## 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.

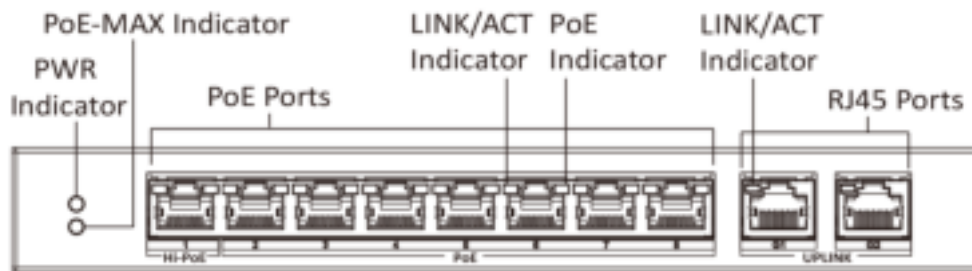


## Specification

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	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: 90 W Ports 2 to 8: 30 W
	PoE power budget	110 W
	Max. power consumption	120 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 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, 2.5 A
	Power consumption in idle	10 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:



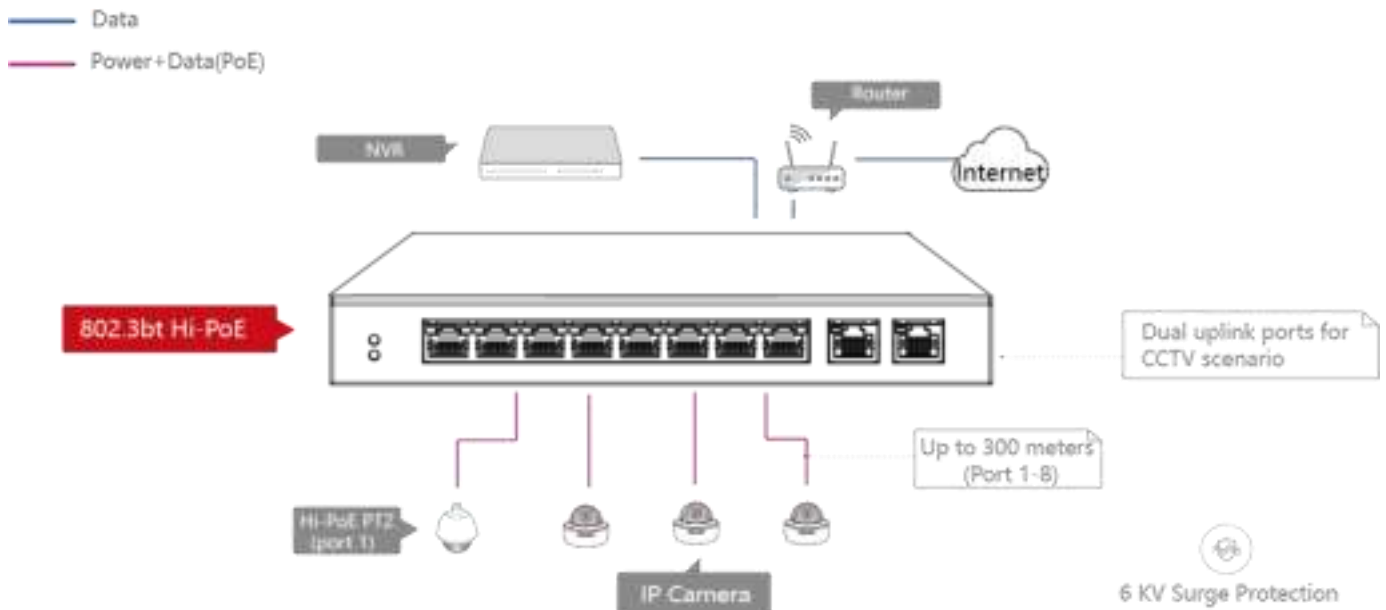
## Available Model

DS-3E0310HP-E

## Dimension (unit: mm)



## Typical Application



Distributed by



## HIKVISION

### Headquarters

No.555 Qianmo Road, Brijang District,  
Hangzhou 310051, China  
T +86-571-8907-5000  
oemseebusiness@hikvision.com

**Hikvision USA**  
T +1-909-995-0400  
sales.usa@hikvision.com

**Hikvision Australia**  
T +61-2-8599-4033  
salesau@hikvision.com

**Hikvision India**  
T +91-22-29489900  
sales@promshikvision.com

**Hikvision Canada**  
T +1-888-200-8900  
sales.canada@hikvision.com

**Hikvision Thailand**  
T +662-275-9948  
sales.thailand@hikvision.com

**Hikvision Europe**  
T +31-23-5542770  
sales.eu@hikvision.com

**Hikvision Italy**  
T +39-0438-6802  
info.it@hikvision.com

**Hikvision Brazil**  
T +55-11-3218-0050  
Latin.support@hikvision.com

**Hikvision Turkey**  
T +90 (216)521 7070 - 7074  
sales.tr@hikvision.com

**Hikvision Malaysia**  
T +601-7852-2413  
sales.my@hikvision.com

**Hikvision UK & Ireland**  
T +01528-802146  
sales.uk@hikvision.com

**Hikvision South Africa**  
Tel: +27 (11) 0361172  
sales.africa@hikvision.com

**Hikvision France**  
T +3301-86-330-160  
info.fr@hikvision.com

**Hikvision Kazakhstan**  
T +7-727-9730667  
nikla.pantlov@hikvision.ru

**Hikvision Vietnam**  
T +84-374270888  
sales.vt@hikvision.com

**Hikvision UAE**  
T +971-4-9432080  
sales.me@hikvision.com

**Hikvision Singapore**  
T +65-6664-4718  
sg@hikvision.com

**Hikvision Spain**  
T +34-91-727-16-55  
info.es@hikvision.com

**Hikvision Tashkent**  
T +99-67-1238-9439  
uzb@hikvision.ru

**Hikvision Hong Kong**  
T +852-2351-1761  
info.hk@hikvision.com

**Hikvision Russia**  
T +7-495-889-67-99  
sales.ru@hikvision.com

**Hikvision Korea**  
T +82-1031-732-8817  
sales.korea@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
info.pl@hikvision.com

**Hikvision Indonesia**  
T +62-21-2933759  
Sales.indonesia@hikvision.com

**Hikvision Colombia**  
sales.colombia@hikvision.com