

## DS-3E0310HP-E

### 8-Port 100 Mbps Long-Range PoE Switch

DS-3E0310HP-E switches are layer 2 100 Mbps long-range PoE switches, providing 1 × 10/100 Mbps HiPoE port, 7 × 10/100 Mbps PoE ports, and 2 × 10/100/1000 Mbps RJ45 ports. The switches provide advanced HiPoE/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 HiPoE port, 7 × 10/100 Mbps PoE ports, and 2 × 10/100/1000 Mbps RJ45 ports.
- IEEE 802.3at/af/bt standard for HiPoE port (Max. 60 W port power).
- IEEE 802.3at/af for PoE ports.
- IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, and IEEE 802.3z.
- PoE port with 6 KV surge protection.
- AF/AT camera can reach up to 250 m in extend mode. HiPoE camera can reach up to 150 m.
- PoE output power management.
- Dual uplink network design.
- Wire-speed forwarding and non-blocking design.
- Store-and-forward switching.
- Solid high-strength metal shell.
- Fan-free design with high reliability.

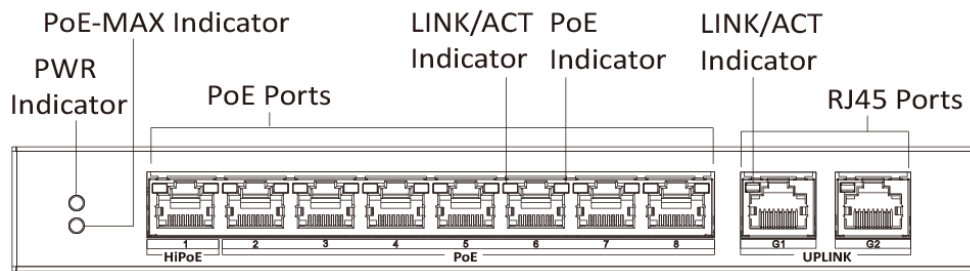


## Specification

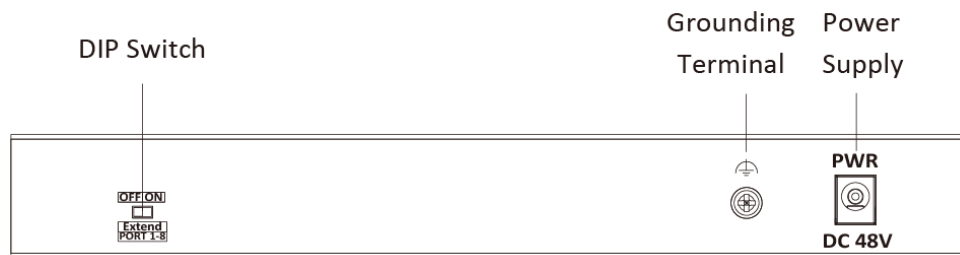
Model		DS-3E0310HP-E
Network parameters	Port number	1 × 10/100 Mbps HiPoE port, 7 × 10/100 Mbps PoE ports, and 2 × 10/100/1000 Mbps RJ45 ports
	Port type	RJ45 port, full duplex, MDI/MDI-X adaptive
	Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, and IEEE 802.3z
	Forwarding mode	Store-and-forward switching
	Working mode	Standard mode (default); Extend mode
	MAC address table	16 K
	Switching capacity	3.6 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	110 W
	Max. power consumption	120 W
General	Shell	Metal material, fan-free design
	Weight	0.55 kg (1.21 lb)
	Dimensions (L × H × D)	217.6 mm × 27.8 mm × 103.35 mm (8.6" × 1.1" × 4.1")
	Operating temperature	0°C to 40°C (32°F to 104°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	120 W	

## Physical Interface

Front panel:



Back panel:



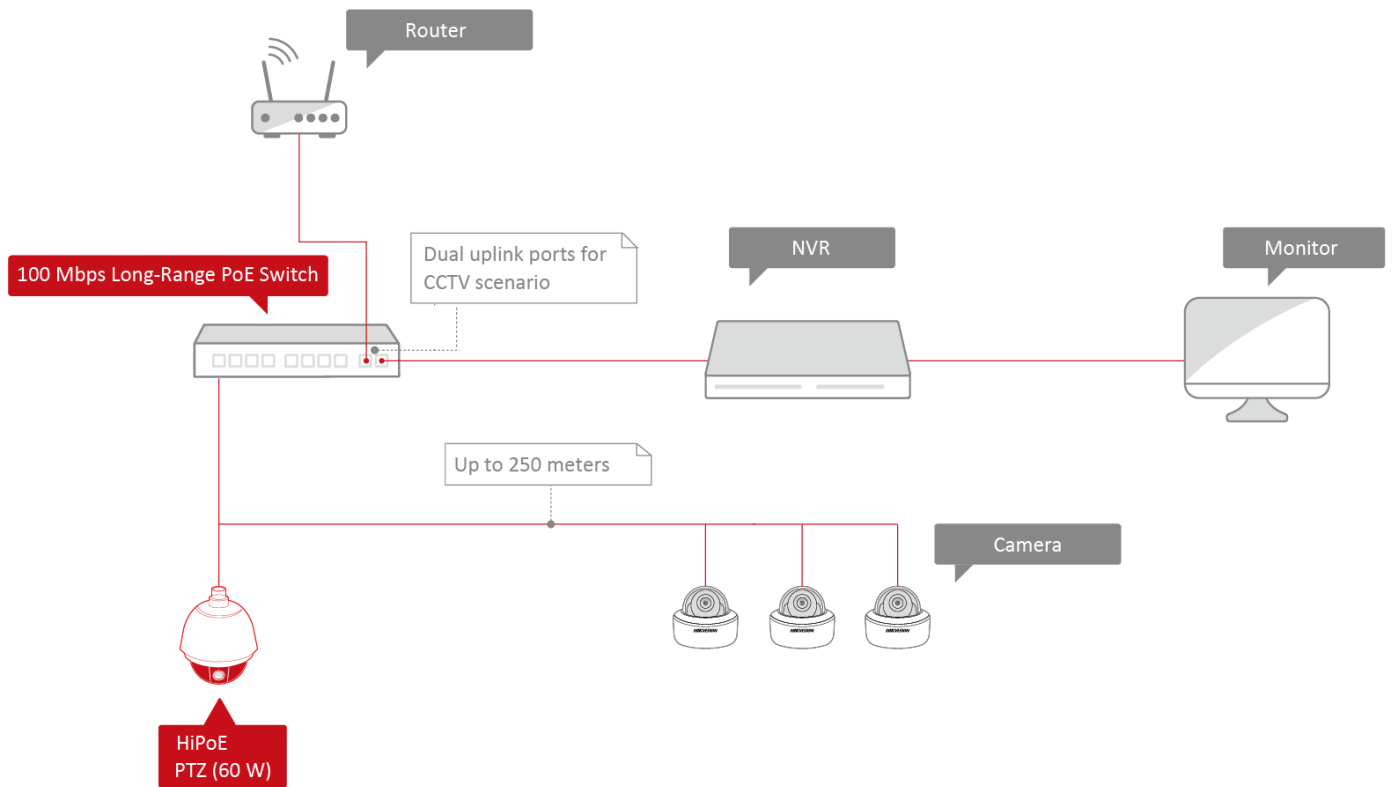
## Available Model

DS-3E0310HP-E

## Dimension (unit: mm)



## Typical Application



## HIKVISION®

### Headquarters

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Australia**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision Canada**  
T +1-866-200-6690  
sales.canada@hikvision.com

**Hikvision Thailand**  
T +662-275-9949  
sales.thailand@hikvision.com

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

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com

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

**Hikvision Malaysia**  
T +601-7652-2413  
sales.my@hikvision.com

**Hikvision UK & Ireland**  
T +01628-902140  
sales.uk@hikvision.com

**Hikvision South Africa**  
Tel: +27 (10) 0351172  
sale.africa@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Kazakhstan**  
T +7-727-9730667  
nikia.panfilov@hikvision.ru

**Hikvision Vietnam**  
T +84-974270888  
sales.vt@hikvision.com

**Hikvision UAE**  
T +971-4-4432090  
salesme@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Tashkent**  
T +99-87-1238-9438  
uzb@hikvision.ru

**Hikvision Hong Kong**  
T +852-2151-1761  
info.hk@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Korea**  
T +82-(0)31-731-8817  
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