

## DS-3E0318P-E(B)

### 16-Port 100 Mbps Long-Range Unmanaged PoE Switch

DS-3E0318P-E(B) is a layer 2 100 Mbps PoE switch. Based on wire-speed forwarding, the switch supports Ethernet PoE power supply and extend mode. The power supply distance reaches as long as 300 m. It also supports prior and stable transmission of the important surveillance area video when connected to the high priority ports.



Intelligent PoE



300 m Transmission



8-Core Power Supply



6 KV Surge Protection



High Priority Ports

## 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.

### 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.

### Design for Video Transmission.

- VIP port ensures important data transmission when network congestion occurs.

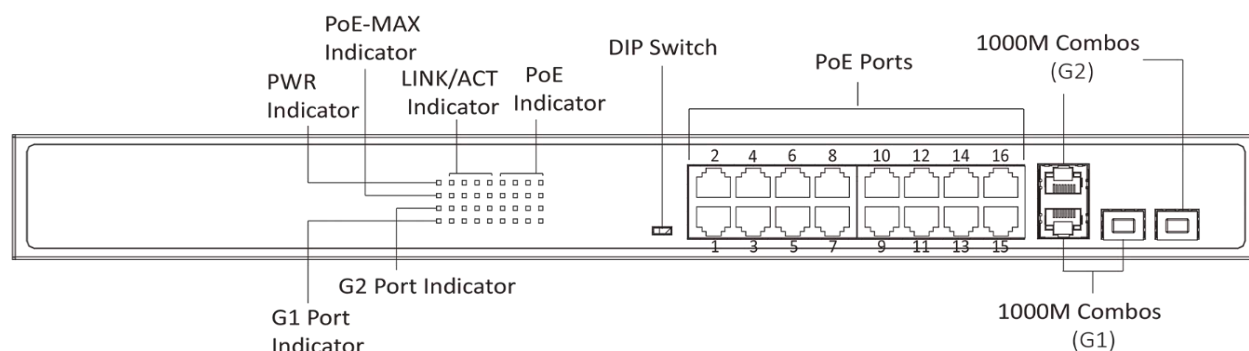


## Specification

Model		DS-3E0318P-E(B)
Network parameters	Port number	16 × 100 Mbps PoE ports, 2 × 1000 Mbps combos
	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
	High priority ports	Ports 1 to 8
	Ports for long-distance transmission	Ports 9 to 16
	Link aggregation port	G1 to G2
	MAC address table	4 K
	Switching capacity	7.2 Gbps
	Packet forwarding rate	5.356 Mpps
	Internal cache	2.75 Mbits
PoE power supply	PoE standard	IEEE 802.3af, IEEE 802.3at
	PoE power pin	Ports for long-distance transmission (9-16) support 8-core power supply, Ethernet cable 1/2/3/6 and 4/5/7/8 provide simultaneous power supply Ports for close-range transmission (1-8) support 4-core power supply, Ethernet cable 1/2/3/6 provide power supply
	PoE port	Ports 1 to 16
	Max. port power	30 W
	PoE power budget	230 W
	Max. power consumption	250 W
General	Shell	Metal material
	Gross weight	3.47 kg (7.65 lb)
	Net weight	2.65 kg (5.84 lb)
	Dimension (L × H × D)	440 mm × 44 mm × 220.8 mm (17.3" × 1.73" × 8.7")
	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	100 to 240 VAC, 50/60 Hz, Max. 4 A
	Power consumption in idle	20 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-3E0318P-E(B)

## Optional Accessory

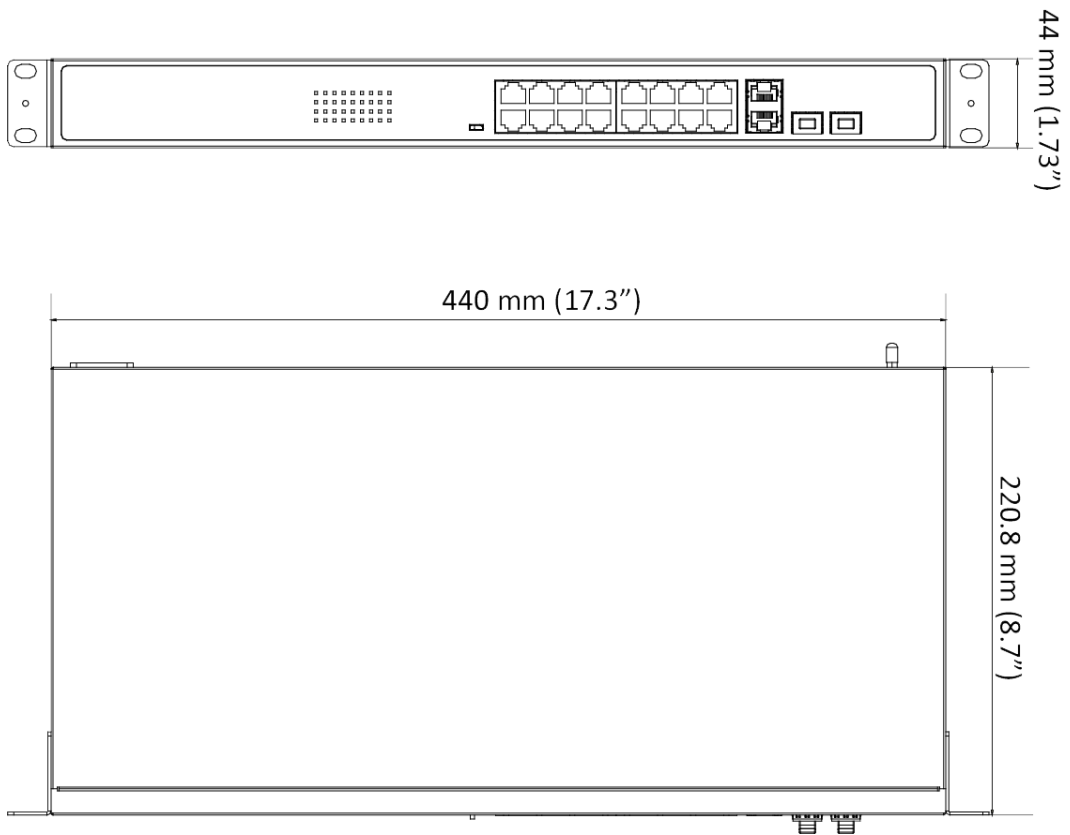
SFP Module	Fiber type	Connector	Date Rate	Wavelength	Distance
HK-SFP-1.25G-20-1310	Single fiber, Single-mode	LC	1250 Mbps	Tx1310nm/Rx1550nm	0 to 20 km
HK-SFP-1.25G-20-1550	Single fiber, Single-mode	LC	1250 Mbps	Tx1550nm/Rx1310nm	0 to 20 km
HK-SFP-1.25G-1310-DF-MM	Duplex fiber, Multi-mode	LC	1250 Mbps	Tx1310nm/Rx1310nm	0 to 1 km
HK-SFP-1.25G-20-1310-DF	Duplex fiber, Single-mode	LC	1250 Mbps	Tx1310nm/Rx1310nm	0 to 20 km



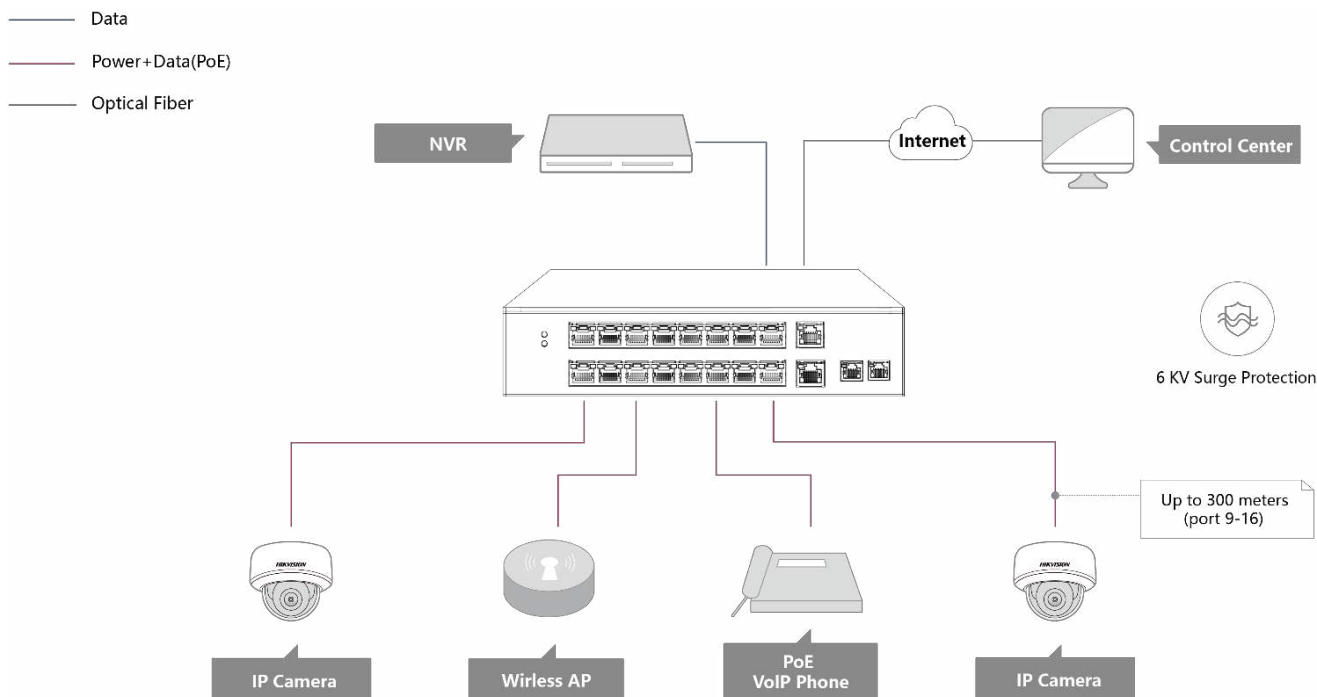
NOTE

HK-SFP-1.25G-20-1310 has to work with HK-SFP-1.25G-20-1550 as a pair.

**Dimension (unit: mm)**



## Typical Application



Distributed by

# 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@pramahirvision.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