DS-3E0318P-E/M(B)
16-Port 100 Mbps Long-Range Unmanaged PoE Switch

DS-3E0318P-E/M(B) switch is a layer 2 long-range PoE switch, providing 16 × 100 Mbps PoE ports, 1 × 1000 Mbps RJ45 port, and 1 × 1000 Mbps SFP fiber optical port. The switch provides advanced PoE technology and supports 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. The switch is reliable, easy to install and maintain, and equipped with rapid switching functions. With multiple access ports, it is applicable for access or aggregation and upload of small-scale LAN devices.

Feature and Function

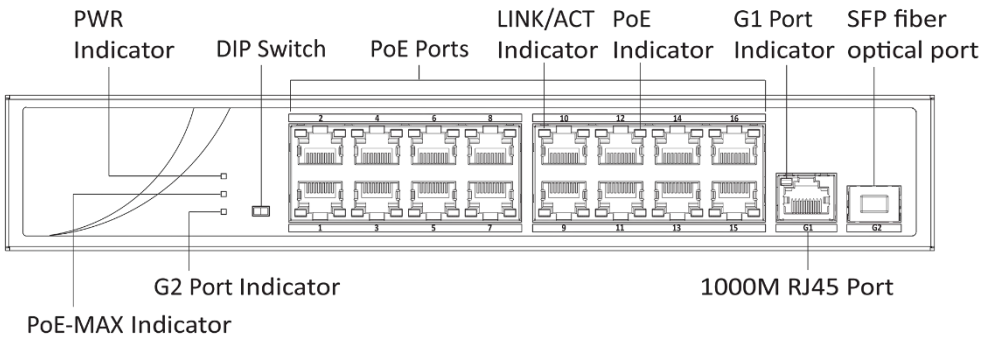
- 16 × 100 Mbps PoE ports, 1 × 1000 Mbps RJ45 port, and 1 × 1000 Mbps SFP fiber optical port.
- IEEE 802.3at/af standard.
- IEEE 802.3, IEEE 802.3u, and IEEE 802.3x standard.
- High priority ports.
- 8-core power supply.
- Up to 250 m transmission distance.
- 6 KV surge protection for PoE ports.
- PoE power management.
- 1000 Mbps network access.
- Wire-speed forwarding and non-blocking design.
- Store-and-forward switching.
- Solid high-strength metal shell.

Specification

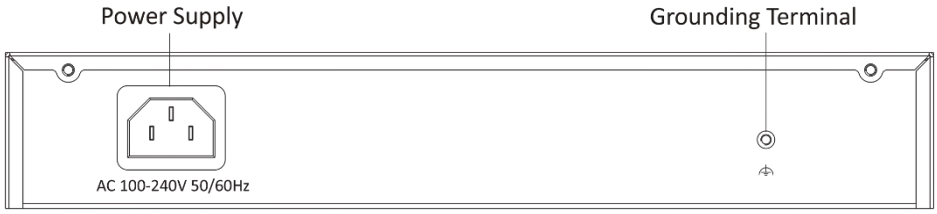
Model		DS-3E0318P-E/M(B)
Network parameters	Port number	16 × 100 Mbps PoE ports, 1 × 1000 Mbps RJ45 port, and 1 × 1000 Mbps SFP fiber optical port
	Port type	RJ45 port, full duplex, MDI/MDI-X adaptive
	Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x
	Forwarding mode	Store-and-forward switching
	Working mode	Standard mode (default); Extend mode
	High priority ports	Ports 1 to 8
	Ports for long-distance transmission	Ports 9 to 16
	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	130 W
	Max. power consumption	150 W
General	Shell	Metal material
	Gross weight	2.58 kg (5.69 lb)
	Net weight	1.8 kg (4.0 lb)
	Dimension (L × H × D)	266 mm × 44.5 mm × 220.8 mm (10.5” × 1.8” × 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. 2.5 A
	Power consumption in idle	20 W

Physical Interface

Front panel:



Back panel:



Available Model

- DS-3E0318P-E/M(B)

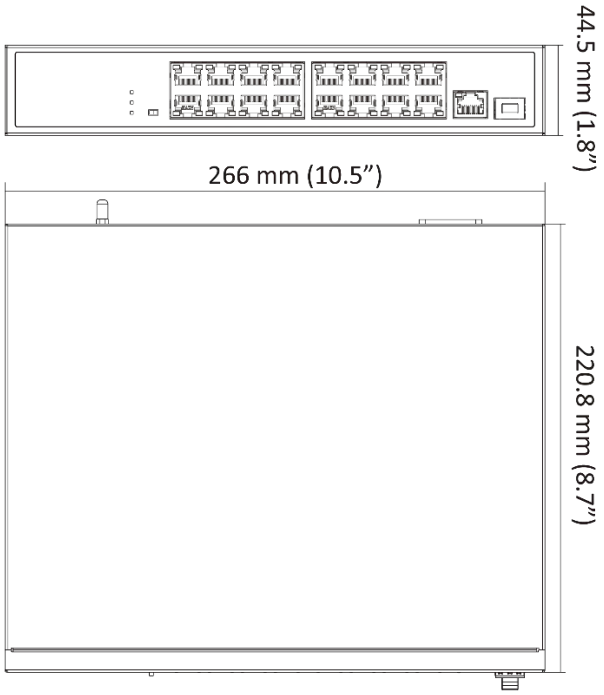
Optional Accessory

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

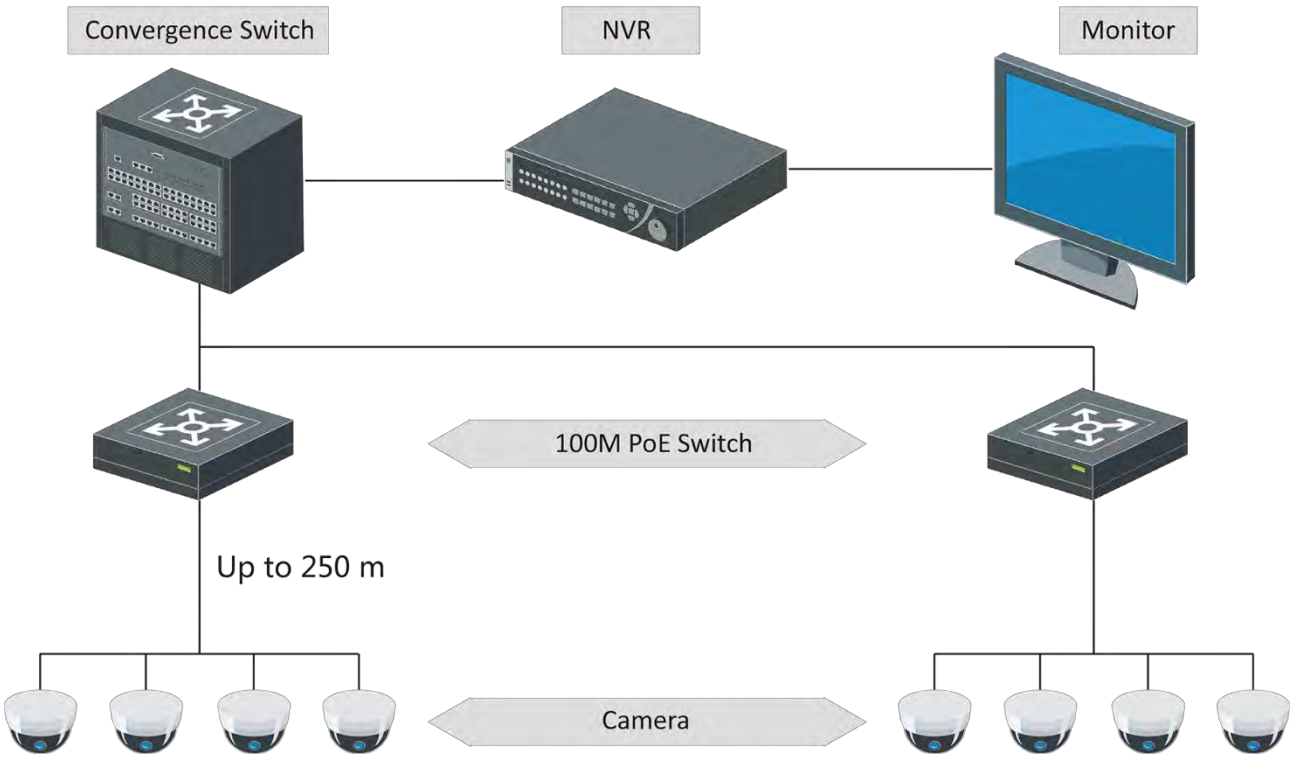
NOTE

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

Dimension (unit: mm)



Typical Application



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