DS-3E0510P-E/M
8-Port Gigabit Unmanaged PoE Switch

DS-3E0510P-E/M switch is a layer 2 PoE network switch, providing 8 × Gigabit PoE ports, 1 × Gigabit RJ45 port and 1 × Gigabit SFP fiber optical port. On top of high-performance access, the switch provides advanced PoE power technology to guarantee the stable network upload of the adaptive data.

Feature and Function

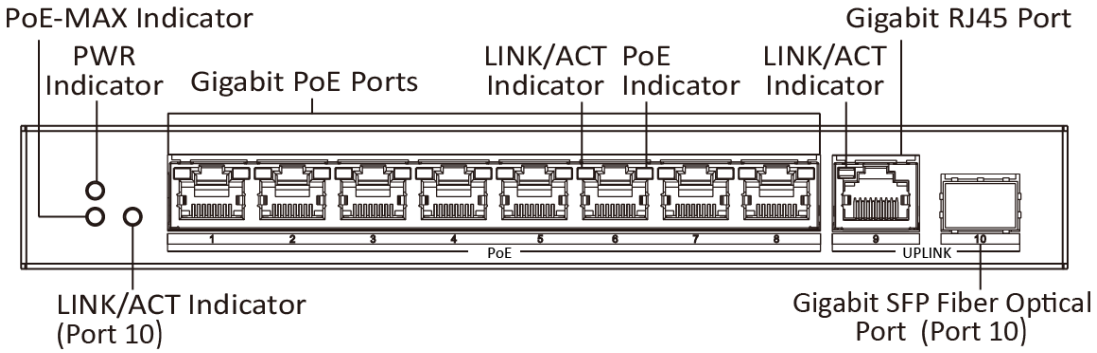
- 8 × Gigabit PoE ports, 1 × Gigabit RJ45 port, 1 × Gigabit SFP fiber optical port.
- IEEE 802.3at/af standard.
- IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, and IEEE 802.3z standard.
- 6 KV surge protection for PoE ports.
- PoE power management.
- Gigabit network access.
- Wire-speed forwarding and non-blocking design.
- Store-and-forward switching.
- Solid high-strength metal shell.
- Reliable fan-free design.

Specification

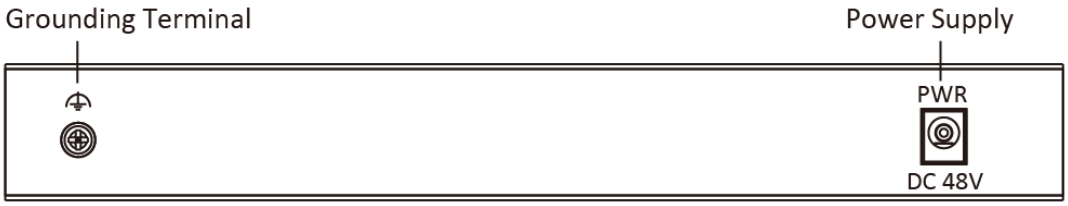
Model		DS-3E0510P-E/M
Network parameters	Port number	8 × Gigabit PoE ports, 1 × Gigabit RJ45 port, 1 × Gigabit SFP fiber optical port
	Port type	RJ45 port, full duplex, MDI/MDI-X adaptive
	Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z
	Forwarding mode	Store-and-forward switching
	MAC address table	4 K
	Switching capacity	20 Gbps
	Packet forwarding rate	14.88 Mpps
	Internal cache	1.5 Mbits
PoE power supply	PoE standard	IEEE 802.3af, IEEE 802.3at
	PoE power pin	Ethernet cable 1/2/3/6 provide power supply.
	PoE port	Ports 1 to 8
	Max. port power	30 W
	PoE power budget	58 W
	Max. power consumption	65 W
General	Shell	Metal material, no fan equipped.
	Net weight	0.635 kg (1.40 lb)
	Gross weight	1.366 kg (3.01 lb)
	Dimension (L × H × D)	217.6 mm × 27.8 mm × 108.55 mm (8.6” × 1.1” × 4.3”)
	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, 1.35 A
	Power consumption in idle	7 W

Physical Interface

Front panel:



Back panel:



Available Model

DS-3E0510P-E/M

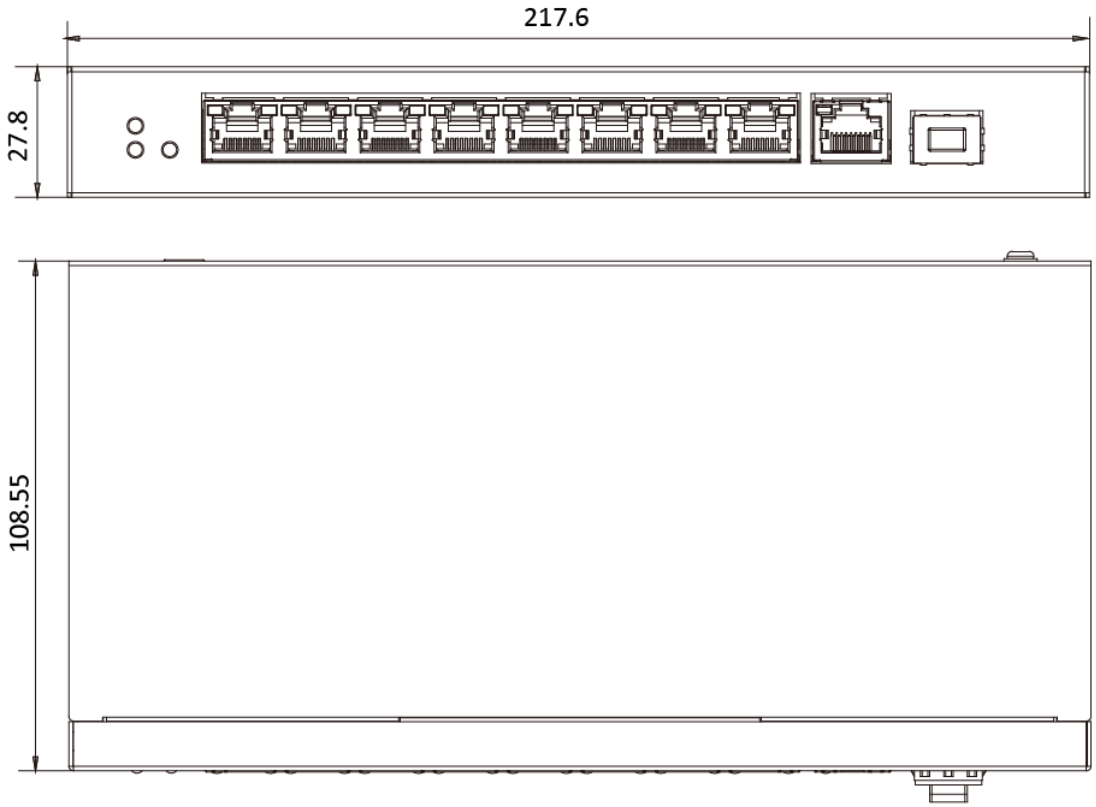
Optional Accessory

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

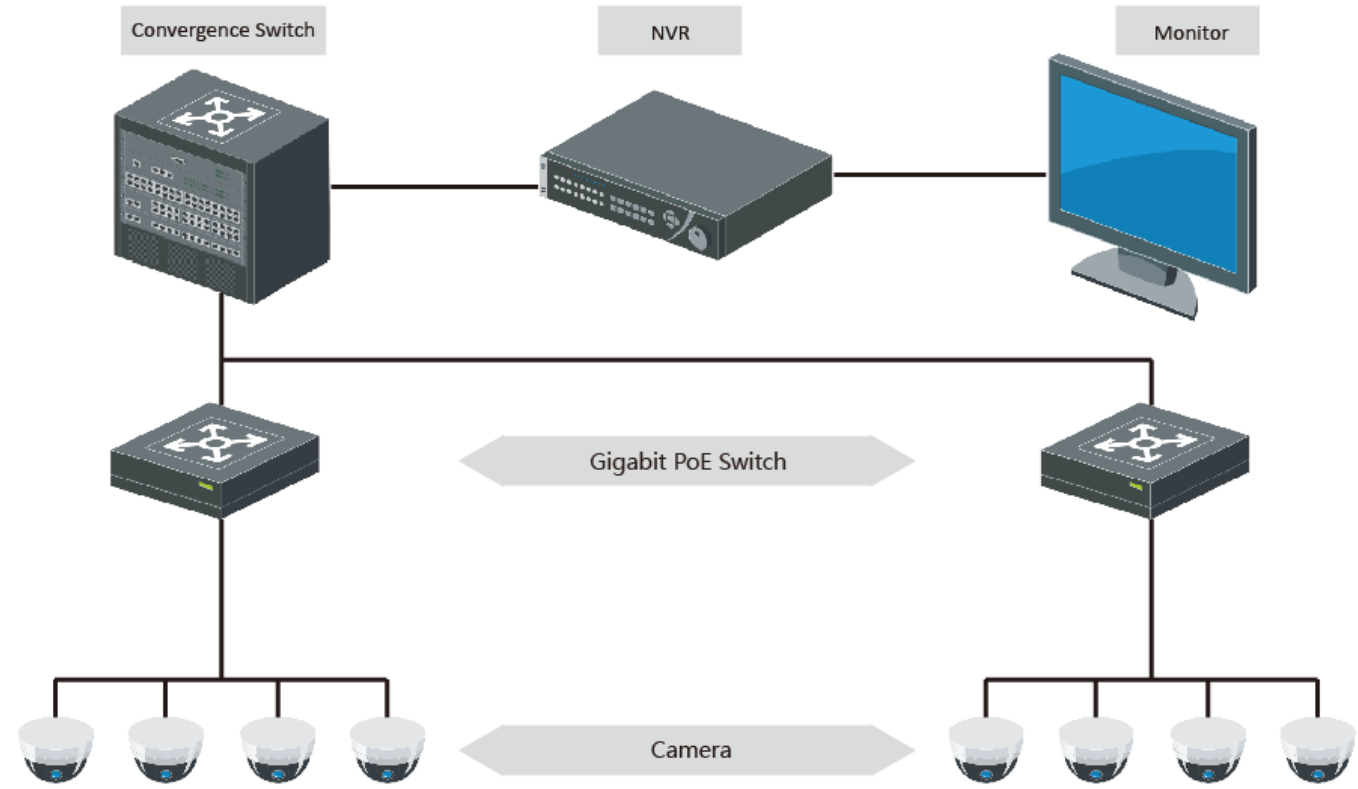
NOTE

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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