

## DS-3E0510P-E 8-Port Gigabit Unmanaged PoE Switch

DS-3E0510P-E switches are layer 2 Gigabit PoE unmanaged switches, providing 8 Gigabit PoE ports, one 10/100/1000 Mbps RJ45 port, and one 10/100/1000 Mbps SFP fiber optical port. The switches provide advanced PoE technology and connect other devices with high performance. Meanwhile, all Gigabit ports guarantee stable transmission of data.



### Feature and Function

- 8 × Gigabit PoE ports, 1 × Gigabit RJ45 port, and 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.

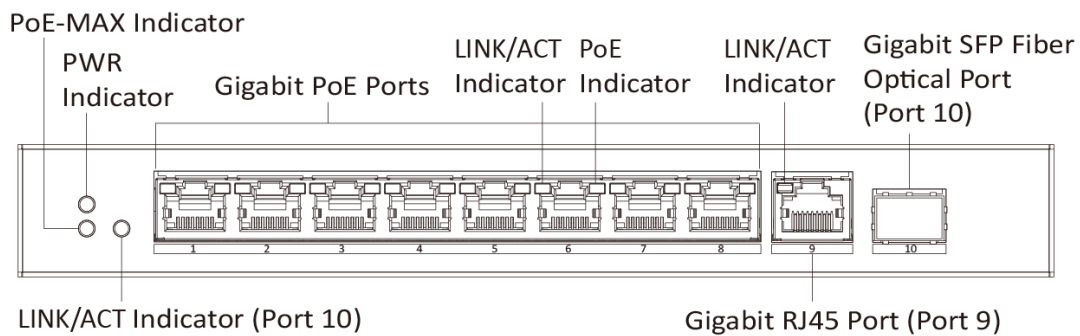


## Specification

|                    |                           |  |
|--------------------|---------------------------|--|
| Model              |                           | DS-3E0510P-E   |
| Network parameters | Port number               | 8 × Gigabit PoE ports, 1 × Gigabit RJ45 port, and 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             | Support 4-core power supply, and Ethernet cable 1/2/3/6 provide power supply.        |
|                    | PoE port                  | Ports 1 to 8   |
|                    | Max. port power           | 30 W   |
|                    | PoE power budget          | 110 W  |
|                    | Max. power consumption    | 120 W  |
| General            | Shell                     | Metal material, fan-free design  |
|                    | Gross weight              | 1.4 kg (3.09 lb)   |
|                    | Net weight                | 0.6 kg (1.32 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, 2.5 A  |
|                    | Power consumption in idle | 10 W   |

## Physical Interface

Front panel:



Back panel:



## Available Model

- DS-3E0510P-E

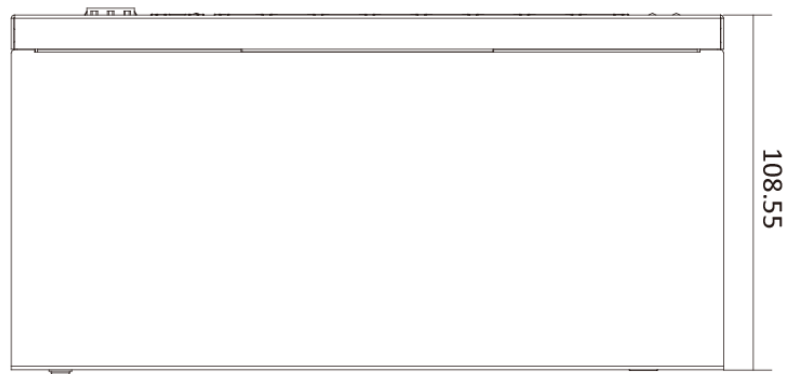
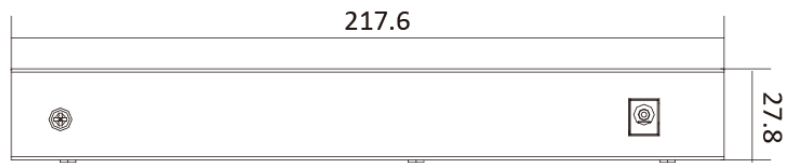
## Optional Accessory

| 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 |

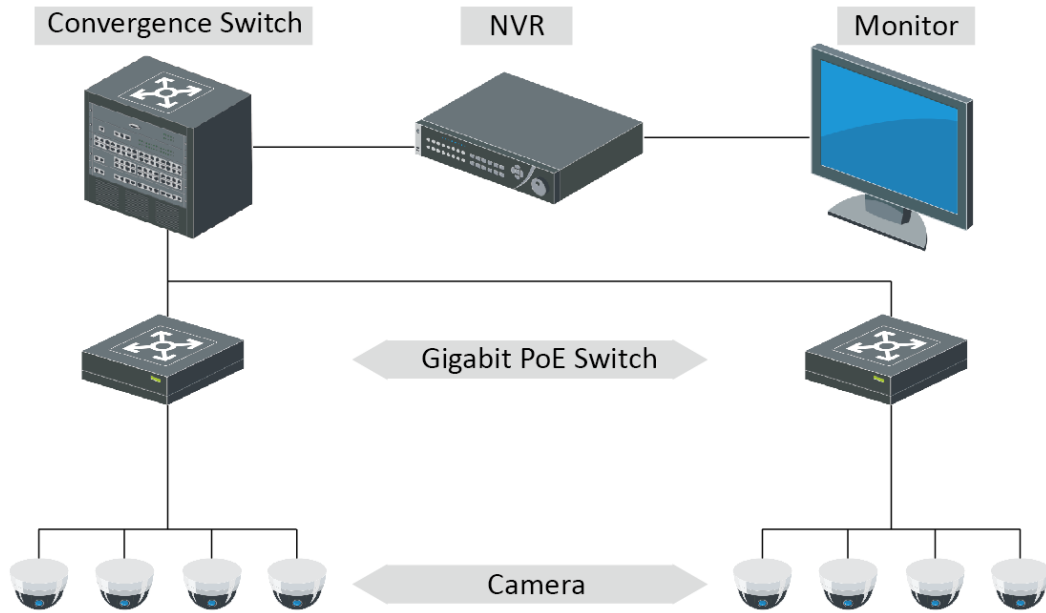
### NOTE

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



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