

**DS-3E0310P-E/M****8-Port Unmanaged PoE Switch**

DS-3E0310P-E/M switches are layer 2 unmanaged PoE switches, providing advanced PoE power supply technology on the basis of high-performance access to ensure stable data upload. The switches support long range function.

**Key Feature**

- 8 × 10/100Mbps PoE ports, and 2 × Gigabit RJ45 port.
- IEEE 802.3at/af standard for PoE ports (Max. 60 W PoE output).
- IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z and IEEE 802.3ab standard.
- 6 KV surge protection for PoE ports.
- Up to 300 m long-range transmission.
- Wire-speed forwarding.
- Store-and-forward switching.
- Solid high-strength metal shell.
- Reliable fan-free design.

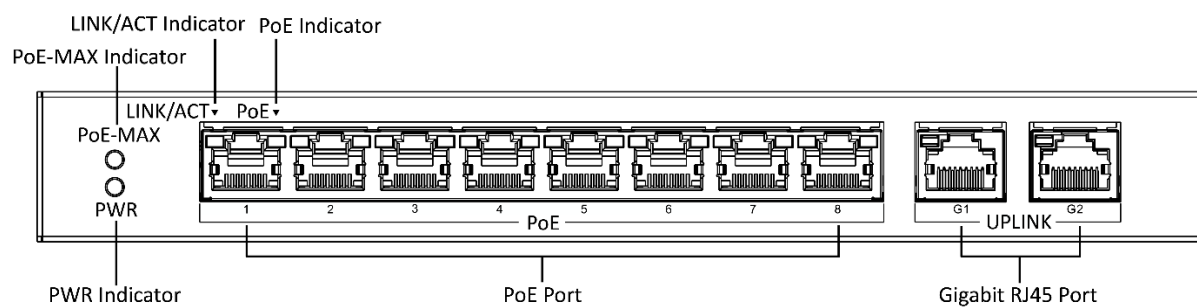


## Specification

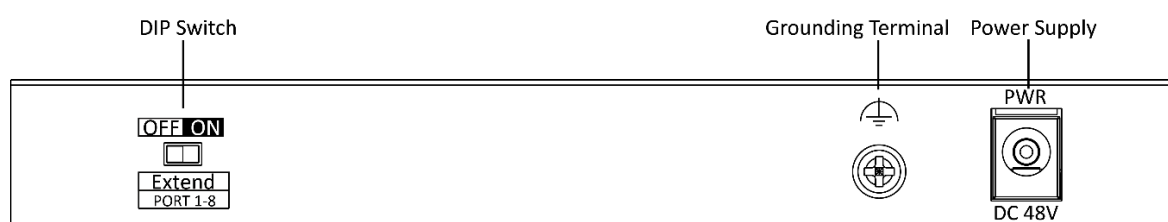
| Model              |                                      | DS-3E0310P-E/M                                                                                                                                                                        |
|--------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network parameters | Port number                          | 8 × 10/100Mbps PoE ports, and and 2 × Gigabit RJ45 ports                                                                                                                              |
|                    | Port type                            | RJ45 port, full duplex, MDI/MDI-X adaptive                                                                                                                                            |
|                    | Standard                             | IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z and IEEE 802.3ab                                                                                                                    |
|                    | Forwarding mode                      | Store-and-forward switching                                                                                                                                                           |
|                    | Working mode                         | Standard mode (default), Extend mode                                                                                                                                                  |
|                    | Ports for long-distance transmission | Ports 1 to 8                                                                                                                                                                          |
|                    | MAC address table                    | 16 K                                                                                                                                                                                  |
|                    | Switching capacity                   | 5.6 Gbps                                                                                                                                                                              |
|                    | Packet forwarding rate               | 4.1664 Mpps                                                                                                                                                                           |
|                    | Internal cache                       | 4 Mbits                                                                                                                                                                               |
|                    |                                      |                                                                                                                                                                                       |
| PoE power supply   | PoE standard                         | Ports 1 to 8: IEEE 802.3af, IEEE 802.3at                                                                                                                                              |
|                    | PoE power pin                        | Ports 1 to 4: Ethernet cables 1/2/3/6 and 4/5/7/8 provide power supply simultaneously.                                                                                                |
|                    | PoE port                             | Ports 1 to 8                                                                                                                                                                          |
|                    | Max. port power                      | Ports 1 to 8: 30 W                                                                                                                                                                    |
|                    | PoE power budget                     | 60 W                                                                                                                                                                                  |
| Dialing function   | Long range                           | Ports 1 to 8: up to 300 m.                                                                                                                                                            |
| General            | Shell                                | Metal material, fan-free design                                                                                                                                                       |
|                    | Gross weight                         | 1.20 kg (2.65 lb)                                                                                                                                                                     |
|                    | Net weight                           | 0.555 kg (1.22 lb)                                                                                                                                                                    |
|                    | Dimension (L × H × D)                | 217.6 mm × 103.35 mm × 27.8 mm (8.57" × 4.07" × 1.09")                                                                                                                                |
|                    | Operating temperature                | -10°C to 40°C (14°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, 1.35 A                                                                                                                                                                        |
|                    | Power consumption in idle            | < 5 W                                                                                                                                                                                 |
|                    | Max. power consumption               | 65 W                                                                                                                                                                                  |
|                    | Power source                         | 65 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:



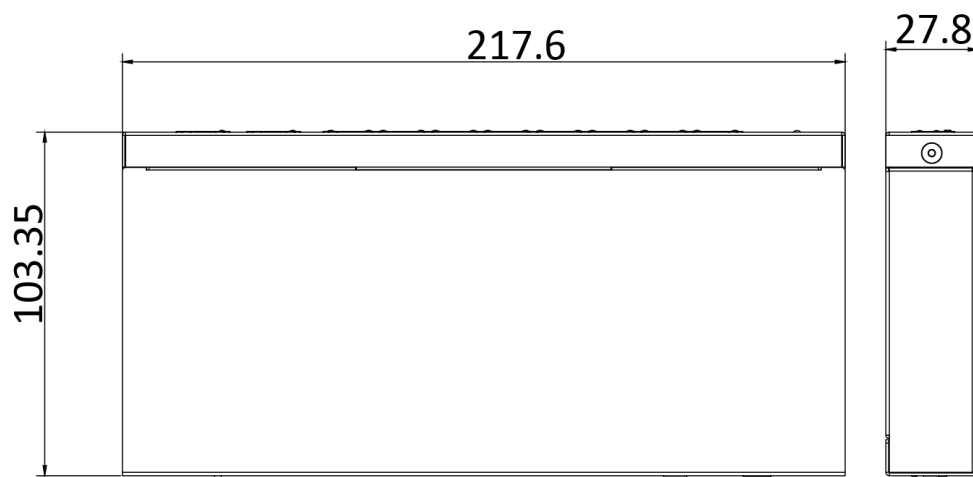
Back panel:



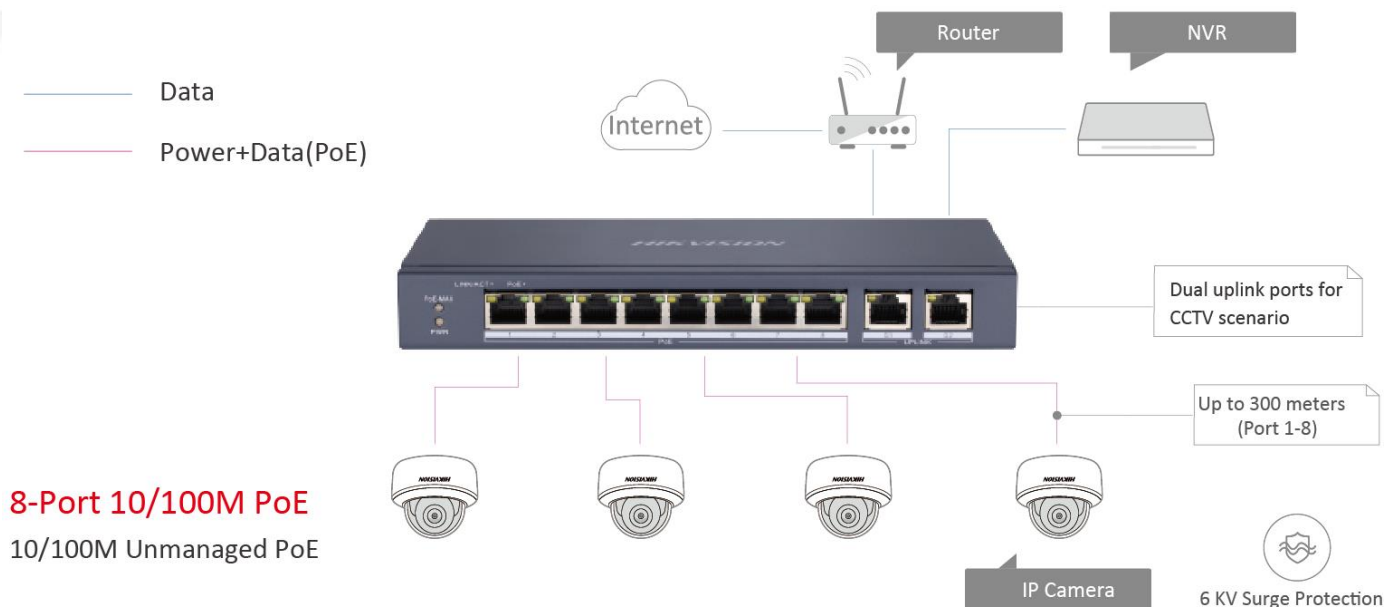
## Available Model

DS-3E0310P-E/M

## Dimension (unit: mm)



## Typical Application



**8-Port 10/100M PoE**  
10/100M Unmanaged PoE

Distributed by



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