

**DS-3E0528HP-E****28-Port Gigabit Unmanaged Hi-PoE Switch**

DS-3E0528HP-E switches are layer 2 Hi-PoE switches, providing advanced PoE power supply technology and Gigabit networks design on the basis of high-performance access to ensure stable data upload. The switches support Hi-PoE, long range, port isolation, and PoE watchdog function.

**Key Feature**

- 20 × gigabit PoE ports, 4 × gigabit Hi-PoE ports, 2 × gigabit RJ45 ports, and 2 × gigabit fiber optical ports.
- IEEE 802.3at/af/bt standard for Hi-PoE ports (Max. 90 W PoE output).
- IEEE 802.3at/af standard for PoE ports (Max. 30 W PoE output).
- IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, and IEEE 802.3z standard.
- 6 KV surge protection for PoE ports.
- Up to 300 m long-range transmission.
- PoE watchdog to auto detect and restart the cameras that do not respond.
- Port isolation to improve network security.
- Gigabit network access design.
- Wire-speed forwarding.
- Store-and-forward switching.
- Solid high-strength metal shell.

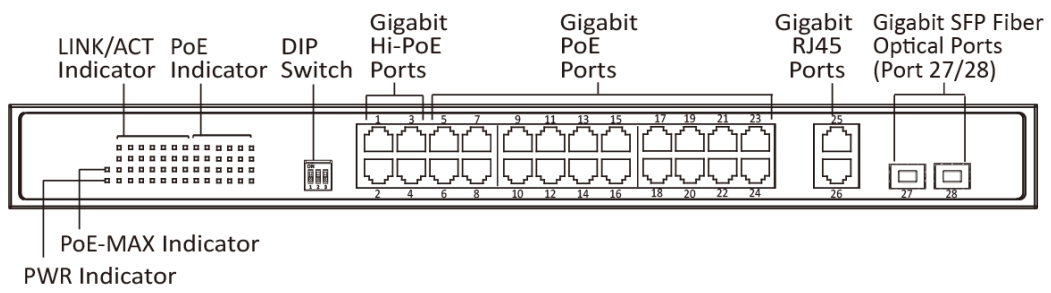


## Specification

|                    |                                      |   |
|--------------------|--------------------------------------|---|
| Model              |                                      | DS-3E0528HP-E   |
| Network parameters | Port number                          | 20 × gigabit PoE ports, 4 × gigabit Hi-PoE ports, 2 × gigabit RJ45 ports, and 2 × gigabit fiber optical ports   |
|                    | Port type                            | RJ45 port, full duplex, MDI/MDI-X adaptive  |
|                    | Standard                             | IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, and IEEE 802.3z   |
|                    | Forwarding mode                      | Store-and-forward switching   |
|                    | Working mode                         | Standard mode (default), Extend mode, Isolation mode, PoE watchdog mode   |
|                    | Ports for long-distance transmission | Ports 21 to 24  |
|                    | MAC address table                    | 8 K   |
|                    | Switching capacity                   | 56 Gbps   |
|                    | Packet forwarding rate               | 41.664 Mpps   |
|                    | Internal cache                       | 4.1 Mbits   |
| PoE power supply   | PoE standard                         | Ports 1 to 4: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt<br>Ports 5 to 24: IEEE 802.3af, IEEE 802.3at   |
|                    | PoE power pin                        | Ports 5 to 20: Ethernet cables 1/2/3/6 provide power supply.<br>Ports 1 to 4 and 21 to 24: Ethernet cables 1/2/3/6 and 4/5/7/8 provide power supply simultaneously.                   |
|                    | PoE port                             | Ports 1 to 24   |
|                    | Hi-PoE port                          | Ports 1 to 4  |
|                    | Max. port power                      | Ports 1 to 4: 90 W<br>Ports 5 to 24: 30 W   |
|                    | PoE power budget                     | 370 W   |
| Dialing function   | Long range                           | Ports 21 to 24: up to 300 m; and the speed rate of the port is 10 Mbps.   |
|                    | Port isolation                       | Ports 1 to 24: port isolation mode to improve network security.   |
|                    | PoE watchdog                         | Ports 1 to 24: auto detect and restart the cameras that do not respond.   |
| General            | Shell                                | Metal material  |
|                    | Net Weight                           | 2.98 kg (6.57 lb)   |
|                    | Dimension (L × H × D)                | 440 mm × 220.8 mm × 44 mm (17.32" × 8.69" × 1.73")  |
|                    | 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, 50/60Hz, Max. 6.5 A   |
|                    | Power consumption in idle            | < 30 W  |
|                    | Max. power consumption               | 400 W   |
|                    | Power source                         | 400 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:



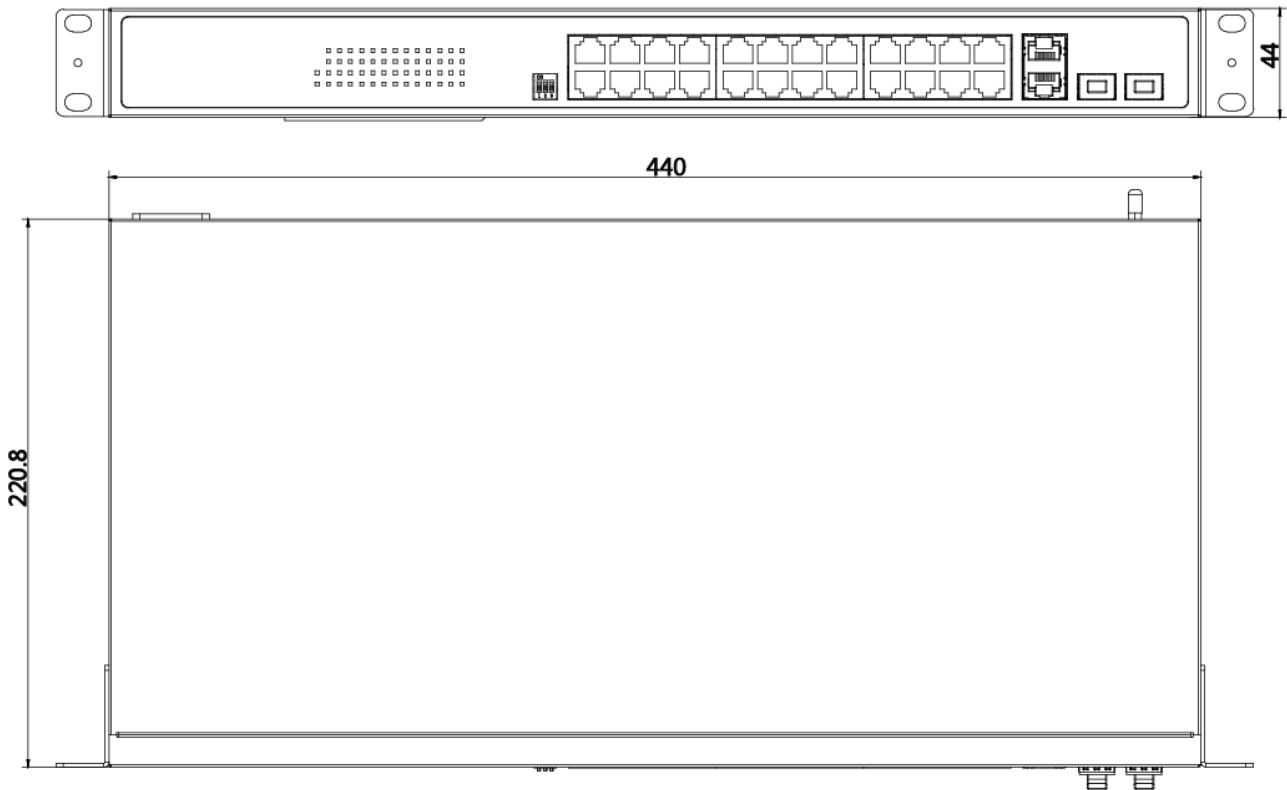
Back panel:



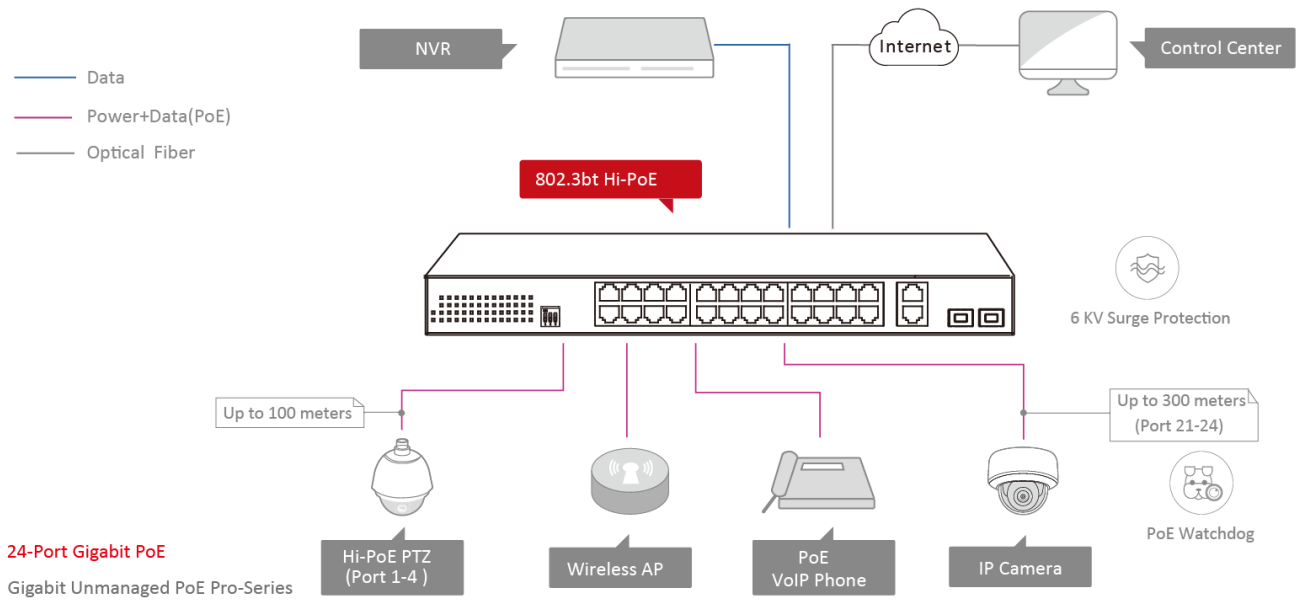
## Available Model

DS-3E0528HP-E

**Dimension (unit: mm)**



# Typical Application



Distributed by

