

## DS-3E0528HP-E 24 Port Gigabit Unmanaged PoE Switch



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

- 20 × gigabit PoE port, 4 × gigabit Hi-PoE port, 2 × gigabit RJ45 port, and 2 × gigabit fiber optical port.
- 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

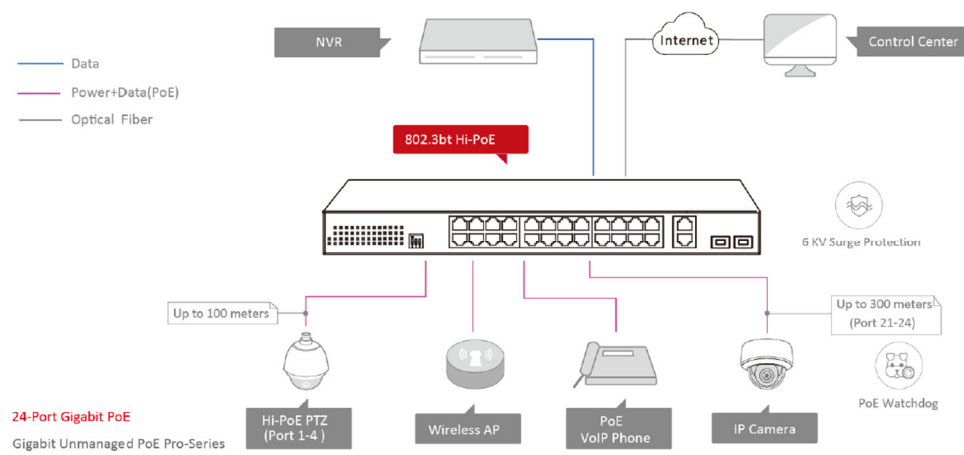
| Model                  |                           | DS-3E0528HP-E  |
|------------------------|---------------------------|--|
| General                | Shell                     | Metal material   |
|                        | Net Weight                | 2.98 kg (6.57 lb)  |
|                        | Dimensions (W × H × D)    | 440.0 mm × 220.8 mm × 44.0 mm (17.32" × 8.69" × 1.73")   |
|                        | Operating Temperature     | 0 °C to 45 °C (32 °F to 113 °F)  |
|                        | Storage Temperature       | -40 °C to 85 °C (-40 °F to 185 °F)   |
|                        | Operating Humidity        | 5% to 95% (no condensation)  |
|                        | Relative Humidity         | 5% to 95% (no condensation)  |
|                        | Power Supply              | 100~240 V AC, 50/60 Hz, Max. 6.5 A   |
|                        | Max. Power Consumption    | 400 W  |
|                        | Power Consumption in Idle | 30 W   |
|                        | Installation Mode         | Rack (equipped with mounting ears)   |
|                        | Surge Protection          | 6 kV   |
|                        | Network Parameters        | Ports  |
| 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              | IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt   |
|                        | PoE Port                  | Hi-PoE: Ports 1 to 4<br>PoE: Ports 1 to 24   |
|                        | PoE Power Pin             | 8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)  |
|                        | Max. Port Power           | Ports 1 to 4: 90 W Ports 5 to 24: 30 W   |
|                        | PoE Power Budget          | 370 W  |
| Dialing Function       | Long Range                | Ports 21 to 24: up to 300 m.<br>Long range performance may vary depend on camera model or cable condition.   |
|                        | Port Isolation            | Ports 1 to 24: port isolation mode to improve network security.<br>Ports in an isolation group cannot communicate with each other, but they can communicate with ports outside the isolation group.                                    |
|                        | PoE Watchdog              | Ports 1 to 24: auto detect and restart the cameras that do not respond.  |
| Approval               | EMC                       | FCC (47 CFR Part 15, Subpart B), CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020), IC (ICES-003: Issue 7:2020), RCM (AS/NZS CISPR 32: 2015) |
|                        | Safety                    | UL (UL 60950-1), CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition)), CE-LVD (EN 62368-1: 2014+A11: 2017)  |
|                        | Chemistry                 | CE-RoHS (2011/65/EU)   |

## ▪ Available Model

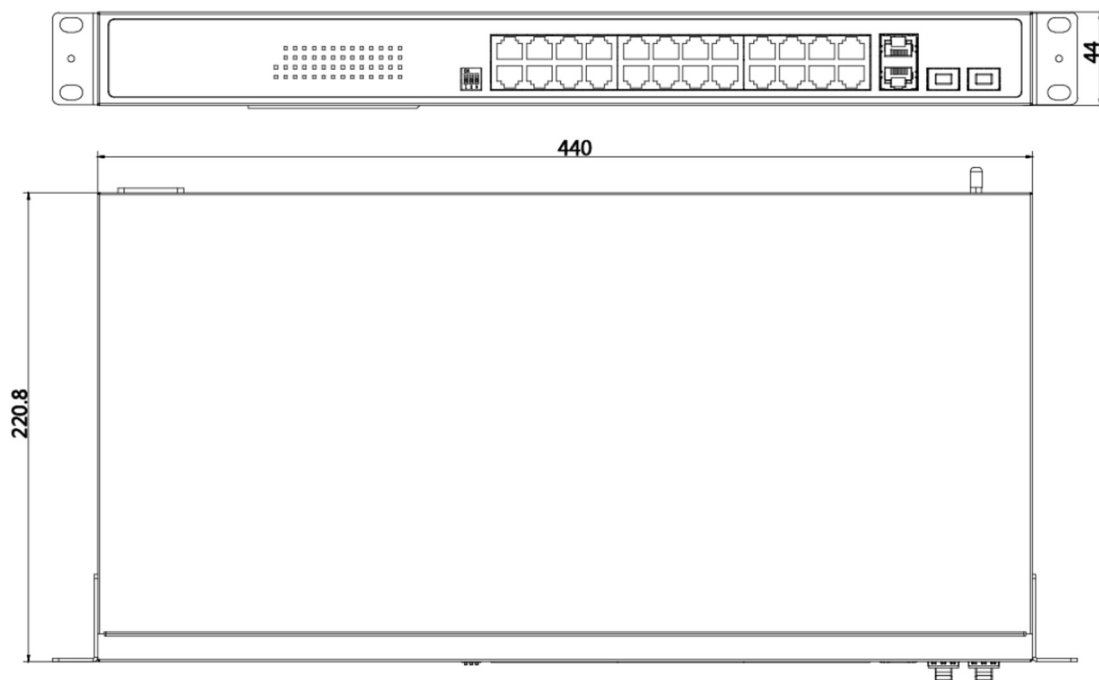
DS-3E0528HP-E







▪ Typical Application



▪ Dimension (Unit: mm)



**▪ Accessory****▪ Optional**

| HK-SFP-1.25G-20-1550<br>SFP Module  | HK-SFP-1.25G-20-1310<br>SFP Module  | HK-SFP-1.25G-1310-DF-MM<br>SFP Module   | HK-SFP-1.25G-20-1310-DF<br>SFP Module   |
|---|---|---|---|
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