

## DS-3E0326P-E(B)

### 24-Port 100 Mbps Long-Range Unmanaged PoE Switch

DS-3E0326P-E(B) is a layer 2 100 Mbps PoE switch. Based on wire-speed forwarding, the switch supports Ethernet PoE power supply and extend mode. The power supply distance reaches as long as 300 m. It also supports prior and stable transmission of the important surveillance area video when connected to the high priority ports.



Intelligent PoE



300m Transmission



8-Core Power Supply



6KV Surge Protection



High Priority Ports

## Feature and Function

### Intelligent PoE Management.

- When the power supply exceeds the limit, PoE ports intelligently manage the power supply, which extends the switch lifetime.

### Up to 300 m Long Range PoE Transmission.

- The distance between IPCs and switch can reach maximum 300 meters.

### 4/8-Core Adaptive Power Supply with Less Power Loss.

- 8-core power supply reduces the power loss on cables.

### 6KV Surge Protection to Improve Reliability in Harsh Environment.

- The built-in surge protection device protects the switch from the sudden lightning surge in harsh environment.

### Design for Video Transmission.

- VIP port ensures important data transmission when network congestion occurs.

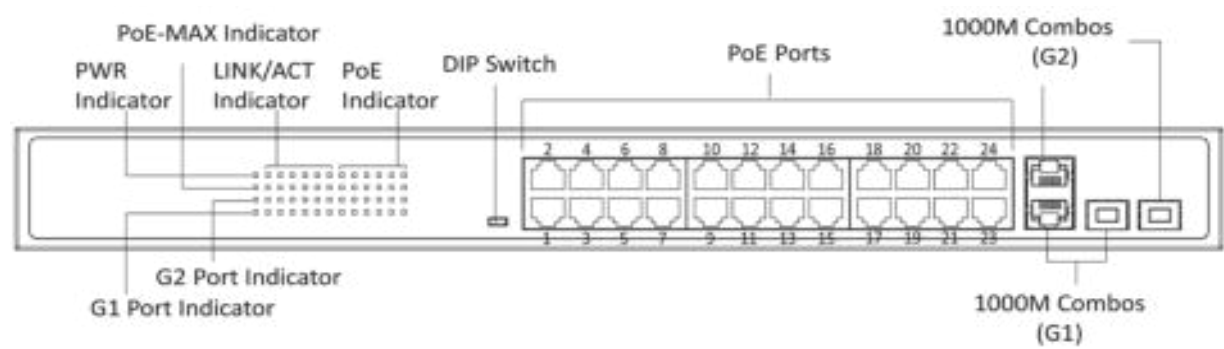


## Specification

| Model              |                                      | DS-3E0326P-E(B)                                                                                                                                                                       |
|--------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network parameters | Port number                          | 24 × 100 Mbps PoE ports, 2 × 1000 Mbps combos                                                                                                                                         |
|                    | Port type                            | RJ45 port, full duplex, MDI/MDI-X adaptive                                                                                                                                            |
|                    | Standard                             | IEEE 802.3, IEEE 802.3u, IEEE 802.3x                                                                                                                                                  |
|                    | Forwarding mode                      | Store-and-forward switching                                                                                                                                                           |
|                    | Working mode                         | Standard mode (default); Extend mode                                                                                                                                                  |
|                    | High priority ports                  | Ports 1 to 8                                                                                                                                                                          |
|                    | Ports for long-distance transmission | Ports 17 to 24                                                                                                                                                                        |
|                    | Link aggregation port                | G1 to G2                                                                                                                                                                              |
|                    | MAC address table                    | 4 K                                                                                                                                                                                   |
|                    | Switching capacity                   | 8.8 Gbps                                                                                                                                                                              |
|                    | Packet forwarding rate               | 6.547 Mpps                                                                                                                                                                            |
|                    | Internal cache                       | 2.75 Mbits                                                                                                                                                                            |
| PoE power supply   | PoE standard                         | IEEE 802.3af, IEEE 802.3at                                                                                                                                                            |
|                    | PoE power pin                        | Ports for long-distance transmission (17-24) support 8-core power supply, Ethernet cable 1/2/3/6 and 4/5/7/8 provide simultaneous power supply                                        |
|                    |                                      | Ports for close-range transmission (1-16) support 4-core power supply, Ethernet cable 1/2/3/6 provide power supply                                                                    |
|                    | PoE port                             | Ports 1 to 24                                                                                                                                                                         |
|                    | Max. port power                      | 30 W                                                                                                                                                                                  |
|                    | PoE power budget                     | 370 W                                                                                                                                                                                 |
|                    | Max. power consumption               | 400 W                                                                                                                                                                                 |
| General            | Shell                                | Metal material                                                                                                                                                                        |
|                    | Gross weight                         | 3.62 kg (7.98 lb)                                                                                                                                                                     |
|                    | Net weight                           | 2.75 kg (6.06 lb)                                                                                                                                                                     |
|                    | Dimension (L × H × D)                | 440 mm × 44 mm × 220.8 mm (17.3" × 1.73" × 8.7")                                                                                                                                      |
|                    | 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, 50/60 Hz, Max. 6.5 A                                                                                                                                                  |
|                    | Power consumption in idle            | 30 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

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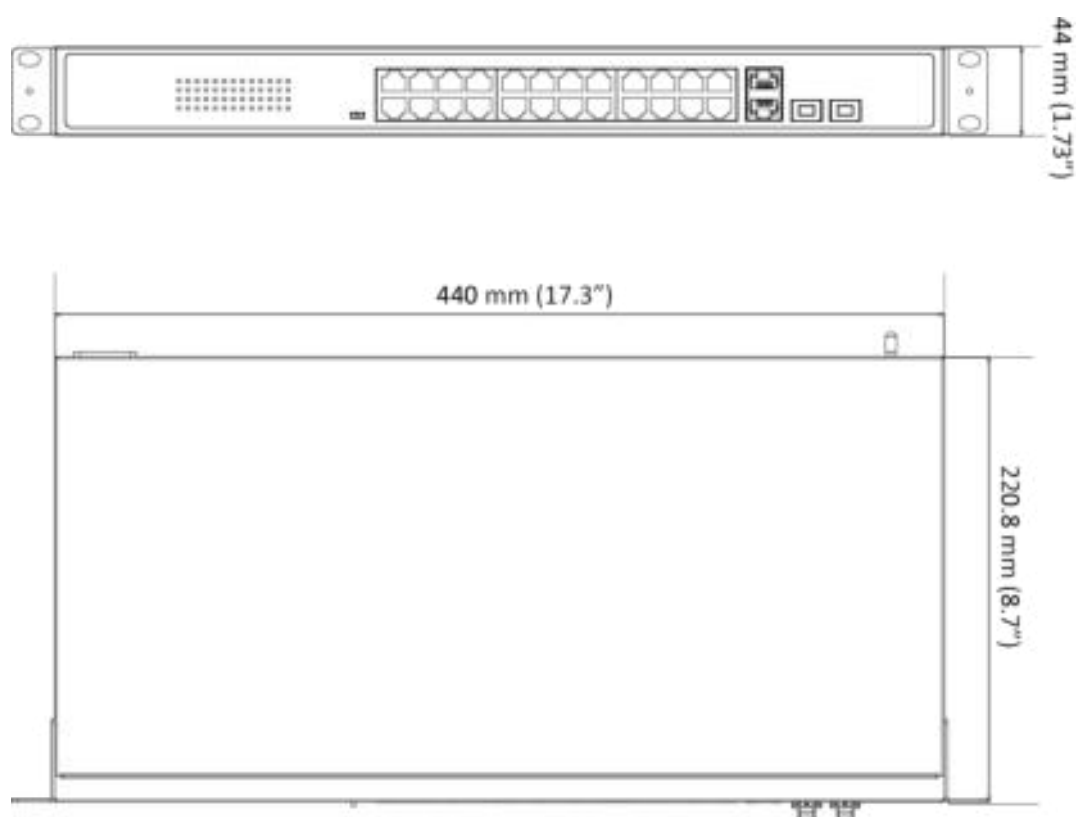
Optional Accessory

| 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 |

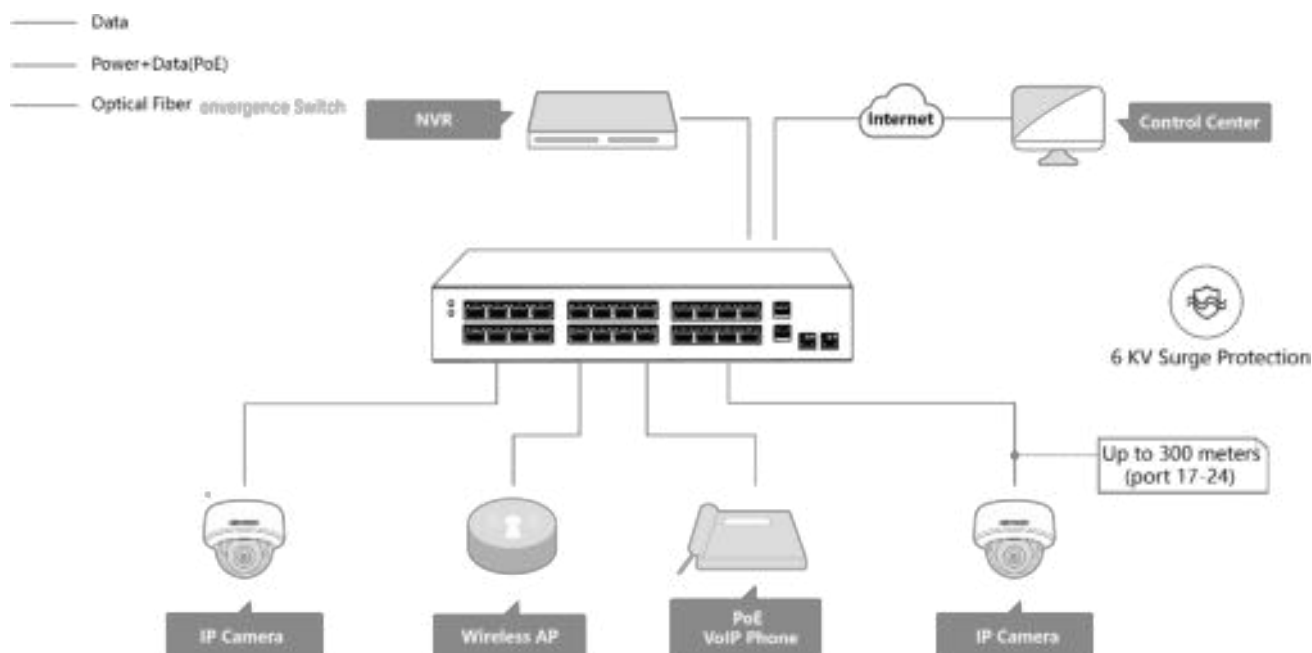


HK-SFP-1.25G-20-1310 has to work with HK-SFP-1.25G-20-1550 as a pair.

**Dimension (unit: mm)**



## Typical Application



Distributed by

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