

## DS-3T0306HP-E/HS

### 4-Port 100M Unmanaged Hi-PoE Switch



DS-3T0306HP-E/HS switches are layer 2 Hi-PoE switches, providing advanced PoE power supply technology and wider temperature (-30 to 65 °C) 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

- 3 × 100M PoE ports, 1 × Hi-PoE port, 1 × gigabit RJ45 port and 1 × gigabit SFP Fiber Optical Port.
- IEEE 802.3at/af/bt standard for Hi-PoE port (Max. 60 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 802.3z and IEEE 802.3ab 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.
- Wire-speed forwarding.
- Wider temperature (-30 to 65 °C) design.
- Store-and-forward switching.
- Solid high-strength metal shell.
- Reliable fan-free design.

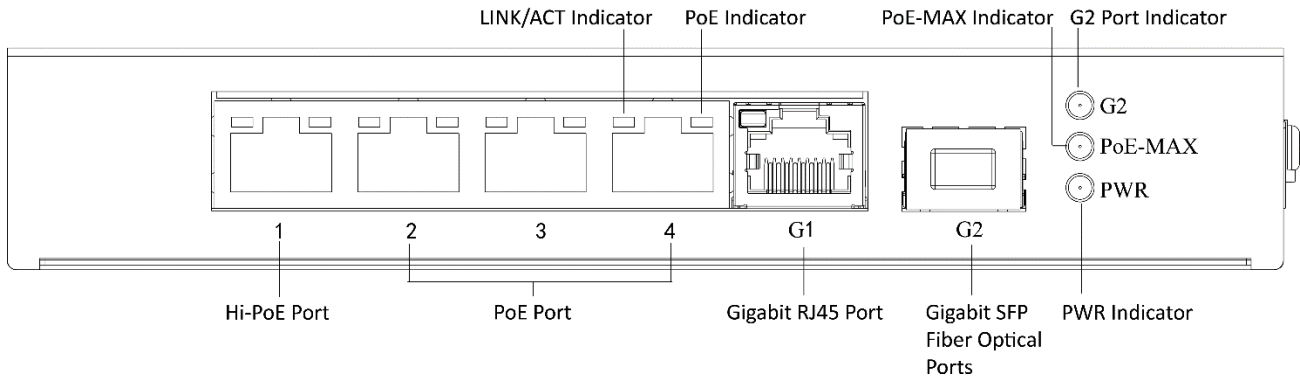


## Specification

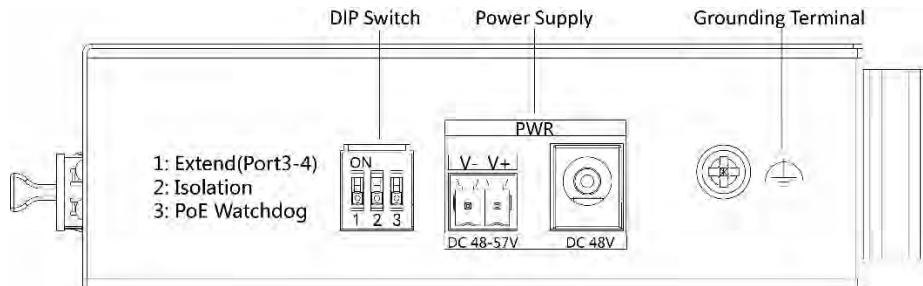
| Model              |                                      | DS-3T0306HP-E/HS  |
|--------------------|--------------------------------------|---|
| Network parameters | Port number                          | 3 × 100M PoE ports, 1 × Hi-PoE port, 1 × gigabit RJ45 port and 1 × gigabit SFP Fiber Optical Port   |
|                    | Port type                            | RJ45 port, full duplex, MDI/MDI-X adaptive  |
|                    | Standard                             | IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z and IEEE 802.3ab  |
|                    | Forwarding mode                      | Store-and-forward switching   |
|                    | Working mode                         | Standard mode (default), Extend mode, Isolation mode, PoE watchdog mode   |
|                    | Ports for long-distance transmission | Ports 3 and 4   |
|                    | MAC address table                    | 2 K   |
|                    | Switching capacity                   | 4.8 Gbps  |
|                    | Packet forwarding rate               | 3.5712 Mpps   |
|                    | Internal cache                       | 1.0 Mbits   |
| PoE power supply   | PoE standard                         | Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt<br>Ports 2 to 4: 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 2 to 4  |
|                    | Hi-PoE port                          | Port 1  |
|                    | Max. port power                      | Port 1: 60 W<br>Ports 2 to 4: 30 W  |
|                    | PoE power budget                     | 60 W  |
| Dialing function   | Long range                           | Ports 3 and 4: up to 300 m.   |
|                    | Port isolation                       | Ports 1 to 4: port isolation mode to improve network security.  |
|                    | PoE watchdog                         | Ports 1 to 4: auto detect and restart the cameras that do not respond.  |
| General            | Shell                                | Metal material, fan-free design   |
|                    | Gross weight                         | 0.915 kg (2.02 lb)  |
|                    | Net weight                           | 0.35 kg (0.77 lb)   |
|                    | Dimension (L × H × D)                | 158 mm × 101.2 mm × 31.6 mm (6.22" × 3.98" × 1.24")   |
|                    | Operating temperature                | -30 °C to 65 °C (-22 °F to 149°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 to 57 VDC, 1.35 A Max.   |
|                    | Power consumption in idle            | < 5 W   |
|                    | Max. power consumption               | 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:



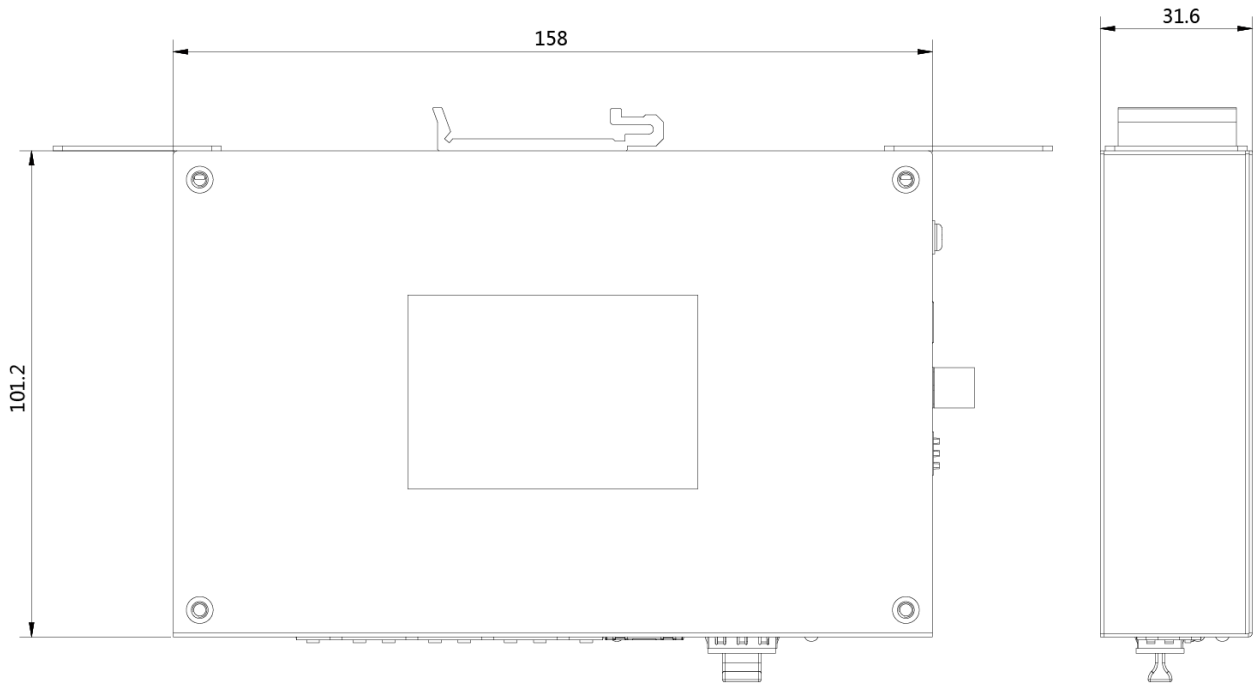
Back panel:



## Available Model

DS-3T0306HP-E

Dimension (unit: mm)

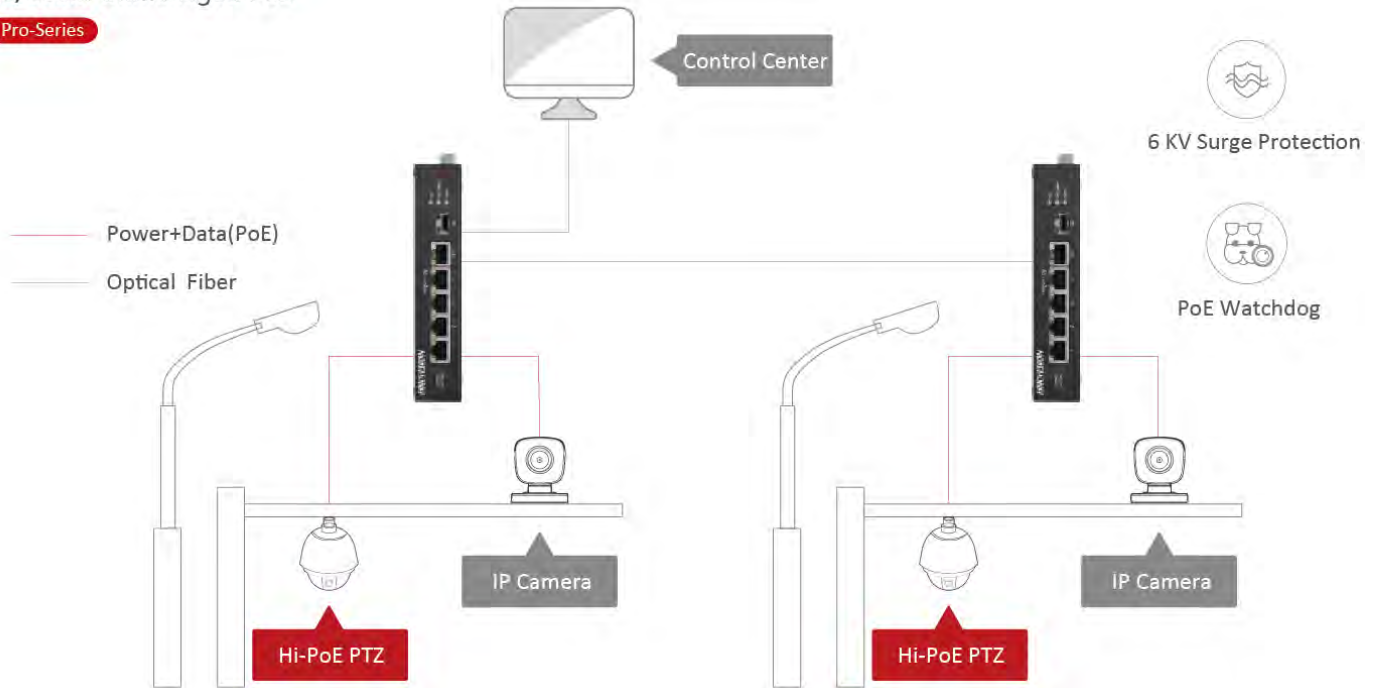


## Typical Application

### 4-Port 10/100M PoE

10/100M Unmanaged PoE

Pro-Series



Distributed by



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