

## DS-3T0506HP-E/HS 4-Port Gigabit Unmanaged Hi-PoE Switch



DS-3T0506HP-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.

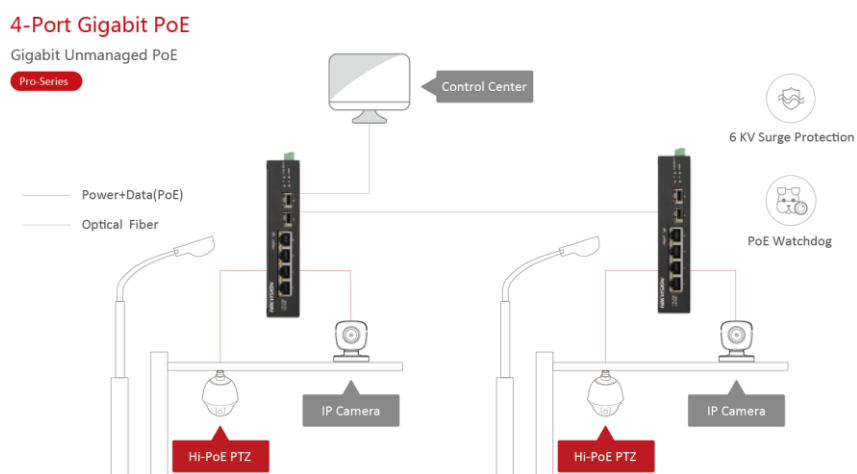
- 3 × gigabit PoE ports, 1 × gigabit Hi-PoE port, 2 × gigabit SFP fiber optical ports.
- IEEE 802.3at/af/bt standard for Hi-PoE port (Max. 60 W PoE output).
- IEEE 802.3at/af standard for PoE ports (Max. 30 W PoE output).
- IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z and IEEE 802.3ab standard.
- 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

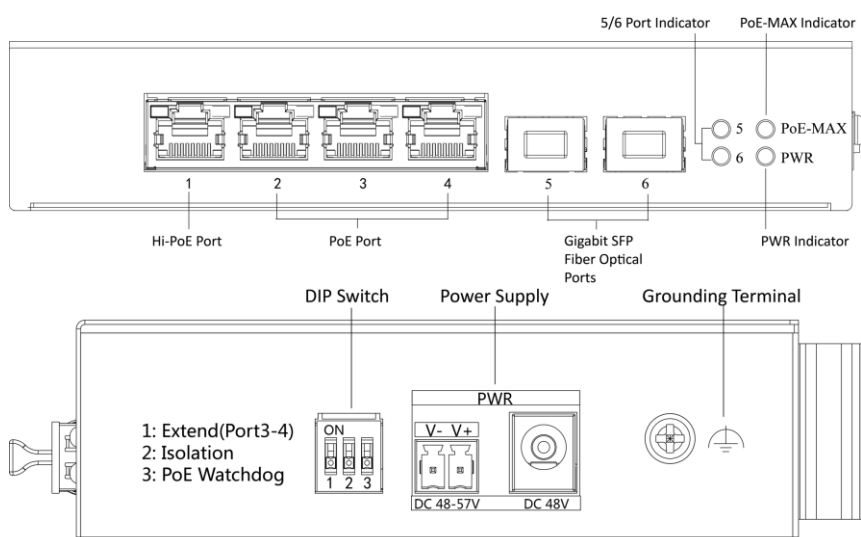
| Model              |                           | DS-3T0506HP-E/HS  |
|--------------------|---------------------------|---|
| Network Parameters | Ports                     | 4 × Gigabit PoE port, 2 × Gigabit fiber optical port  |
|                    | MAC Address Table         | 2 K   |
|                    | Switching Capacity        | 12 Gbps   |
|                    | Packet Forwarding Rate    | 8.928 Mpps  |
|                    | Internal Cache            | 1 Mbits   |
| PoE Power Supply   | PoE Standard              | IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt  |
|                    | PoE Power Pin             | 8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)   |
|                    | PoE Port                  | Hi-PoE: Ports 1, PoE: Ports 2 to 4  |
|                    | Max. Port Power           | 60 W<br>Ports 2 to 4: 30 W  |
|                    | PoE Power Budget          | 60 W  |
| Dialing Function   | Long Range                | Ports 3 to 4: up to 300 m<br>Long range performance may vary depend on camera model or cable condition. |
|                    | 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   |
|                    | Net Weight                | 0.38 kg (0.84 lb)   |
|                    | Gross Weight              | 0.94 kg (2.07 lb)   |
|                    | Dimensions (W × H × D)    | 158.0 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)   |
|                    | Relative Humidity         | 5% to 95% (no condensation)   |
|                    | Power Supply              | 57 VDC, 1.35 A  |
|                    | Max. Power Consumption    | 65 W  |
|                    | Power Consumption in Idle | 5 W   |
|                    | Installation Mode         | Desk-Mounted, Rail  |

|          |                  |  |
|----------|------------------|--|
|          | Surge Protection | 6 KV   |
| 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)   |

## ▪ Typical Application



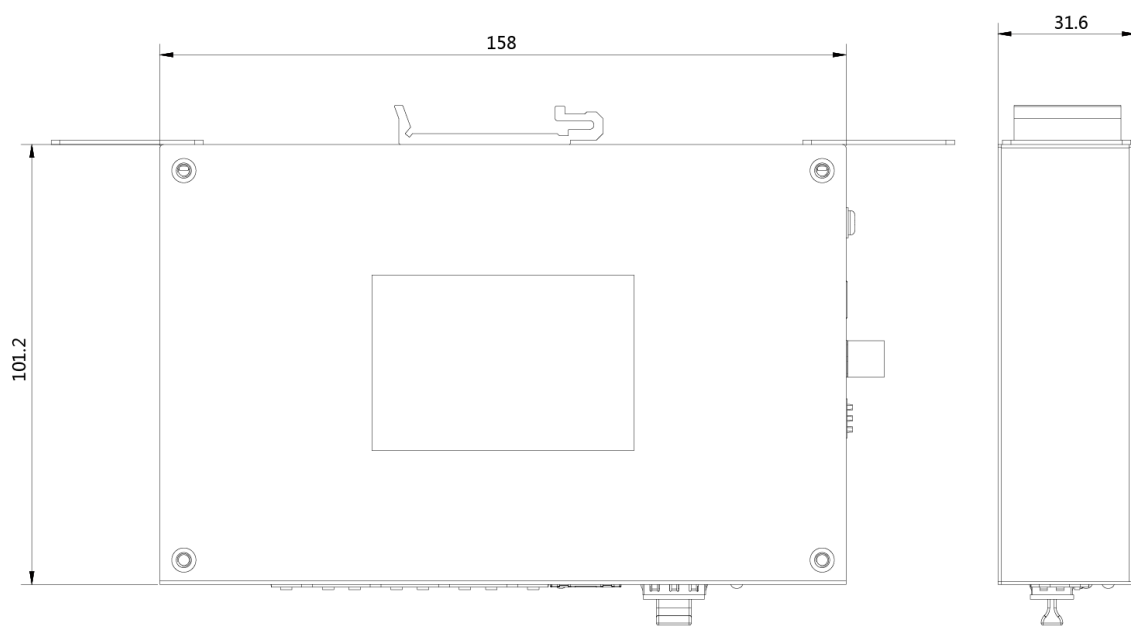
## ▪ Physical Interface



## ▪ Available Model

DS-3T0506HP-E/HS







▪ Dimension



▪

▪ **Accessory**

**Optional**

| <b>HK-SFP-1.25G-20-1</b><br><b>550</b><br><b>SFP Module</b>                         | <b>HK-SFP-1.25G-20-1</b><br><b>310</b><br><b>SFP Module</b>                       | <b>HK-SFP-1.25G-1310</b><br><b>-DF-MM</b><br><b>SFP Module</b>                    | <b>HK-SFP-1.25G-20-1</b><br><b>310-DF</b><br><b>SFP Module</b>                     | <b>DRL-48V75W1AZ</b><br><b>Industrial Power</b><br><b>Supply Unit</b>               |
|---|---|---|--|---|
|    |  |  |  |  |
| <b>DRL-48V240W1EN</b><br><b>Industrial Power</b><br><b>Supply Unit</b>              |   |   |  |   |
|  |   |   |  |   |

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