

DS-3T1306P-SI/HS **Smart Managed 4-Port 10/100 Mbps PoE Switch**



Smart managed switches are developed by Hikvision, featuring easy management and maintenance. You can easily deploy, monitor, and expand your surveillance system anytime and anywhere with our software platforms. You can view the network topology, monitor the health of the network, and receive device alarms in real time, which greatly reduces the cost of network operation and maintenance.

- Visualized topology management.
- Network health monitor.
- Layer 2 features: PoE watchdog, STP/RSTP, VLAN, SNMP, QoS, ERPS, etc.
- -30 °C to 65 °C wide temperature range in harsh environment.

• Specification

| General | |
|---------------------------|---|
| Shell | Metal material |
| Net Weight | 0.4 kg (0.8 lb) |
| Gross Weight | 1.0 kg (2.2 lb) |
| Dimensions (W × H × D) | 158.00 mm × 101.20 mm × 31.60 mm (6.20" × 3.90" × 1.20") |
| 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 | 48 V DC, 1.36 A |
| Installation Mode | Desk-Mounted,Rail |
| Max. Power Consumption | 65 W |
| Power Consumption in Idle | 5 W |
| Surge Protection | 6 kV |
| Network Parameters | |
| Ports | 4 × 10/100 Mbps PoE port,1 × Gigabit RJ45 port,1 × Gigabit fiber optical port |
| MAC Address Table | 2 K |
| Switching Capacity | Whole-Device Performance: 14 Gbps Port Performance: 4.8 Gbps |
| Packet Forwarding Rate | Whole-Device Performance: 10.42 Mpps Port Performance: 3.57 Mpps |
| Internal Cache | 1 Mbits |
| PoE Power Supply | |
| PoE Standard | IEEE 802.3af,IEEE 802.3at |
| PoE Power Pin | 8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-) |
| PoE Port | PoE: Ports 1 to 4 |
| Max. Port Power | 30 W |
| PoE Power Budget | 60 W |
| Software Function | |
| Long Range | Ports 1 to 4: up to 300 m. 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 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 4: auto detect and restart the cameras that do not respond. |
| QoS | QoS is used to allocate bandwidth to different services so as to provide end-to-end service quality assurance. Support port-based priority configuration. Support SP, WRR priority schedule mode. |
| VLAN | VLAN is used for network scale planning and network health improvement. Support 802.1Q. Configurable VLAN ID from 1-4094. Support Trunk, Access port mode. Support Max. 4094 VLAN. |

| | |
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| HPP | <p>Support one-click activation and remote management via Hik-Partner Pro. Functions supported:</p> <ol style="list-style-type: none"> 1. Display the port rate. 2. Display the port bandwidth utilization rate. 3. Display the PoE power usage. 4. Display topology information. 5. Display the alarm status. 6. Restart ports and devices. 7. Enable port long-range mode. 8. Remotely upgrade the device. |
| Loop Prevention | <p>Loop prevention is used to prevent the switching network from forming loops, which will seriously affect network communication. Disabled by default.</p> <p>Support 802.1D STP.</p> <p>Support 802.1w RSTP.</p> |
| System Maintenance | <p>Support device management via web.</p> <p>Support DHCP Client. Enabled by default for dynamic assignment of management IP addresses.</p> <p>Support Super IP, which is a fixed IP address (10.180.190.200) for direct access.</p> <p>Support management via Hik-Central Pro.</p> <p>Support remote management via Hik-Partner Pro.</p> <p>Support cable detection. Abnormal open circuits and short circuits as well as network cable length can be detected.</p> <p>Supports 802.1ab LLDP for peer device discovery.</p> <p>Support port mirroring for fault locating.</p> |
| Port Rate-Limiting | <p>Port rate-limiting is used for port bandwidth adjustment to prevent network congestion.</p> |
| Storm Control | <p>Storm control is used to prevent switch ports from being blocked by broadcast or multicast storms in the LAN, which may affect network communication.</p> <p>Support port rate limiting based on broadcast, multicast, and unknown unicast packets.</p> |
| DHCP Snooping | <p>DHCP Snooping can prevent unauthorized connections to DHCP servers from disrupting the network and affecting normal network communication, and only allow DHCP packets from trusted ports to pass through. Disabled by default.</p> |
| Approval | |
| EMC | <p>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)</p> |
| Safety | <p>CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)</p> |
| Chemistry | <p>CE-RoHS (201165EU);</p> <p>WEEE (201219EU);</p> <p>Reach (Regulation (EC) No.19072006)</p> |

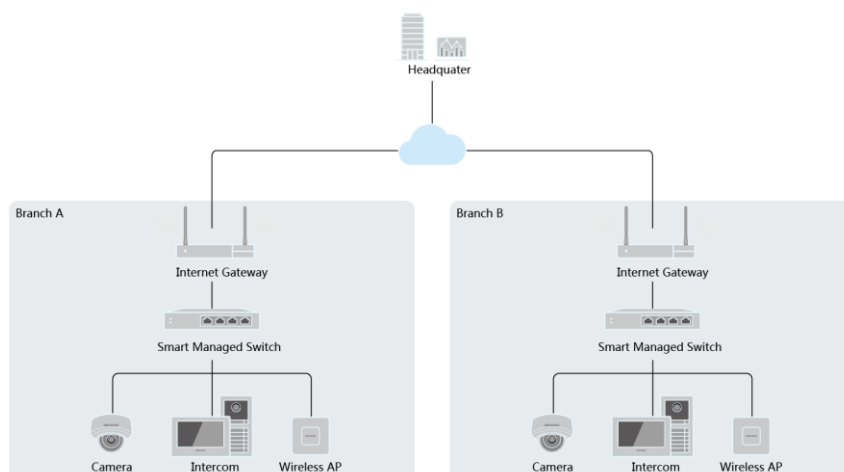
▪ Available Model

DS-3T1306P-SI/HS

▪ Key Component

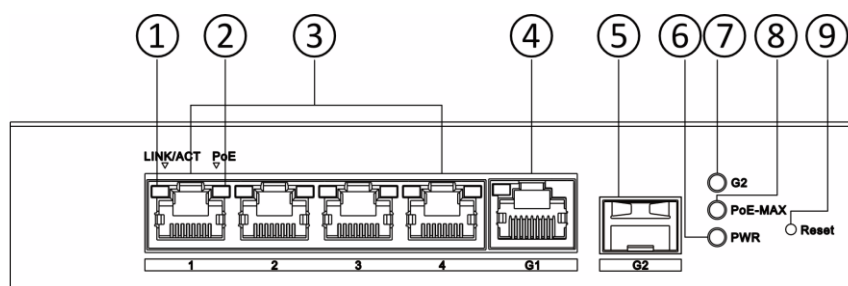
| Order Sap | Order Model | Type | Parameter |
|-----------|-------------|-------------------------|--|
| 303703680 | NDR-75-48 | Industrial Power Supply | AC/DC Power Supply, Output 48V-55V, 0-1.6A, 75watts, Input 90-264VAC, 127-370VDC, DIN rail, -20~70°C |
| 303703681 | NDR-240-48 | Industrial Power Supply | AC/DC Power Supply, Output 48V-55V, 0-5A, 240watts, Input 90-264VAC, 127-370VDC, DIN rail, -20~70°C |

▪ Typical Application

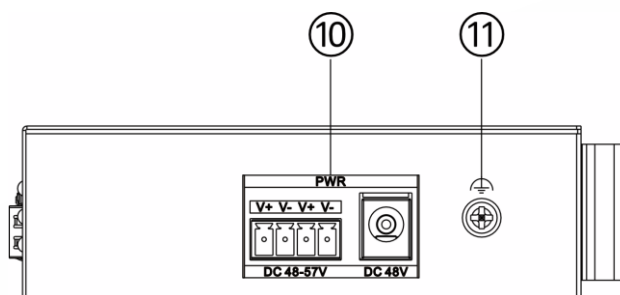


▪ Physical Interface

Front Panel



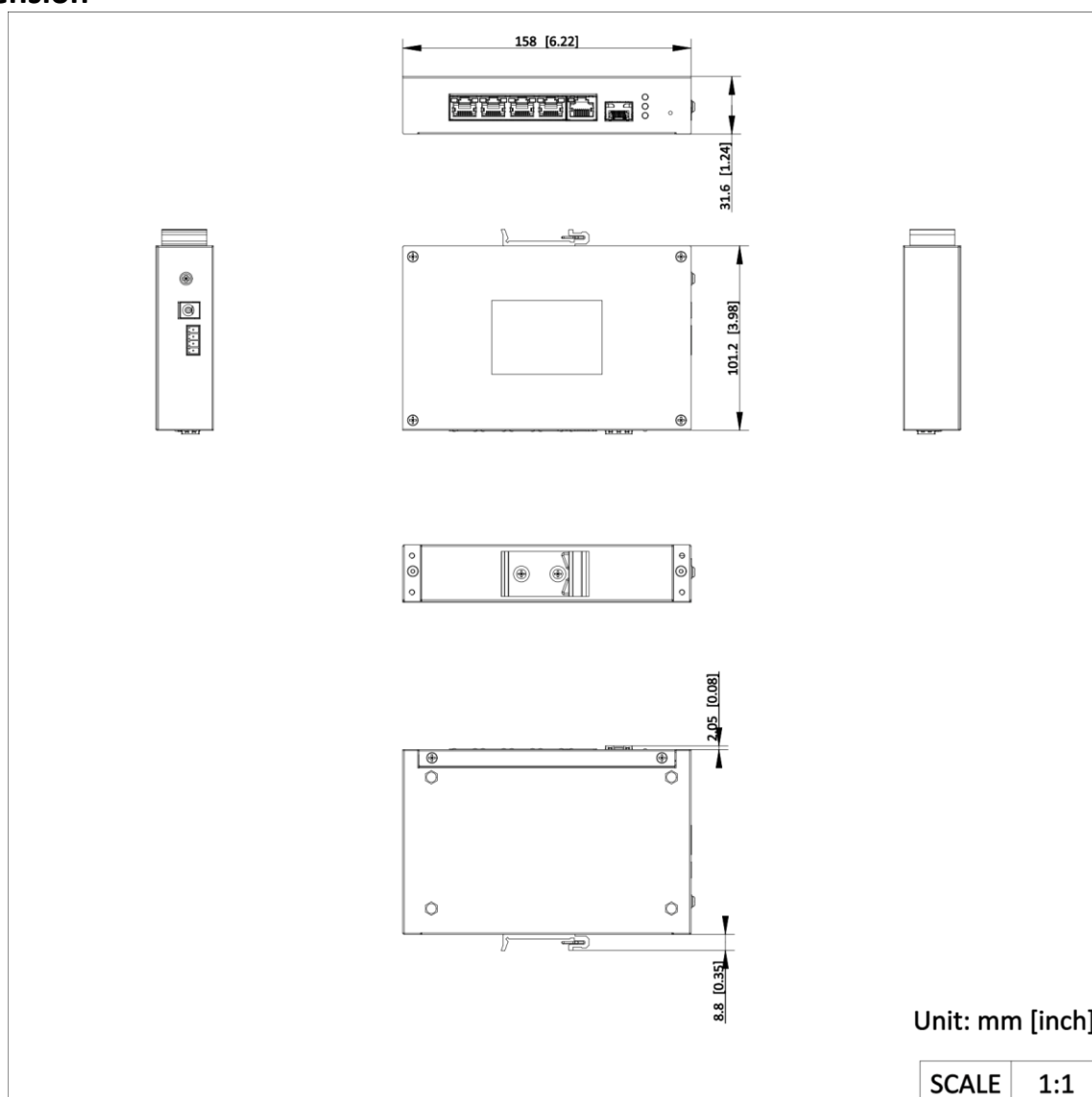
Side Panel



| No. | Indicator/Port | Description |
|-----|---------------------------|--|
| ① | LINK/ACT Indicator | <ul style="list-style-type: none"> ● Solid on: The port is connected. ● Flashing: The port is transmitting data. ● Unlit: The port is disconnected or connection is abnormal. |
| ② | PoE Indicator | <ul style="list-style-type: none"> ● Solid on: The switch supplies power to a powered device (PD) normally. ● Unlit: The switch is disconnected from a PD or power supply is abnormal. |
| ③ | 10/100 Mbps PoE RJ45 Port | Used for connection to a PD via a network cable. |

| | | |
|---|--|---|
| ④ | Gigabit RJ45 Port (G1 Port) | Used for connection to another device via a network cable. |
| ⑤ | Gigabit SFP Fiber Optical Port (G2 Port) | Used for connection to another device via an optical fiber when plugged into with an optical module. |
| ⑥ | PWR Indicator | <ul style="list-style-type: none"> ● Solid on: The switch is powered on normally. ● Unlit: No power supply connected or power supply is abnormal. |
| ⑦ | G2 Port Indicator | <ul style="list-style-type: none"> ● Solid on: The gigabit SFP fiber optical port is connected. ● Flashing: The gigabit SFP fiber optical port is transmitting data. ● Unlit: The gigabit SFP fiber optical port is disconnected or connection is abnormal. |
| ⑧ | PoE-MAX Indicator | <ul style="list-style-type: none"> ● Solid on/Flashing: The output power of the switch is about to reach or has reached the upper limit. The power supply may be abnormal if more devices are connected. ● Unlit: The switch does not supply power to a powered device (PD), or supplies power to a PD normally and its output power does not reach the upper limit. Note: The PoE-MAX indicator will be unlit in 5 seconds after the output power of the switch returns to normal. |
| ⑨ | Reset Button | Press and hold the reset button for about five seconds to restore all the configurations of the switch to default settings. |
| ⑩ | Power Supply | Use the attached power adapter and power cord to connect the switch to a socket. |
| ⑪ | Grounding Terminal | Used for connection to a grounding cable to protect the switch from lightning. |

Dimension



▪ Accessory

▪ Optional

| HK-SFP-1.25G-20-1550 | HK-SFP-1.25G-20-1310 | HK-SFP-1.25G-1310-DF-MM | HK-SFP-1.25G-20-1310-DF | DRL-48V75W1AZ |
|---|--|--|--|---|
|  |  |  |  |  |
| DRL-48V240W1EN | NDR-75-48 | NDR-240-48 | | |
|  |  |  | | |

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