

## DS-3T0510P 8 Port Gigabit Unmanaged Industrial POE Switch



The Hikvision DS-3T0510P non-NETWORK management industrial switch can support 2 GIGABit SFP slots +8 Gigabit electrical ports. Designed for harsh industrial environments, it can provide an economical solution for your industrial Ethernet connection. The DS-3T0510P POE model supports centralized power supply and each port provides 30W power. The operating temperature of industrial switches ranges from -40 °C to 75 °C. All models undergo rigorous aging tests to ensure they meet the specific needs of industrial automation control applications. In addition, the DS-3T0510P non-NETWORK management switch features a rugged aluminum alloy housing that ensures suitability for industrial environments and an option for fiber connection.

- Full gigabit port
- The backplane bandwidth is 20 Gbps
- Supports PoE power supply and IEEE 802.3AF/AT standards.
- The maximum output power of each PoE port is 30 W.
- PoE management: PoE device detection and PoE power management
- Adopt redundant dual power input design
- Die cast aluminum alloy housing.
- No fan, -40 °C to +75 °C operating ambient temperature.
- MTBF ≥ 400,000 hours.

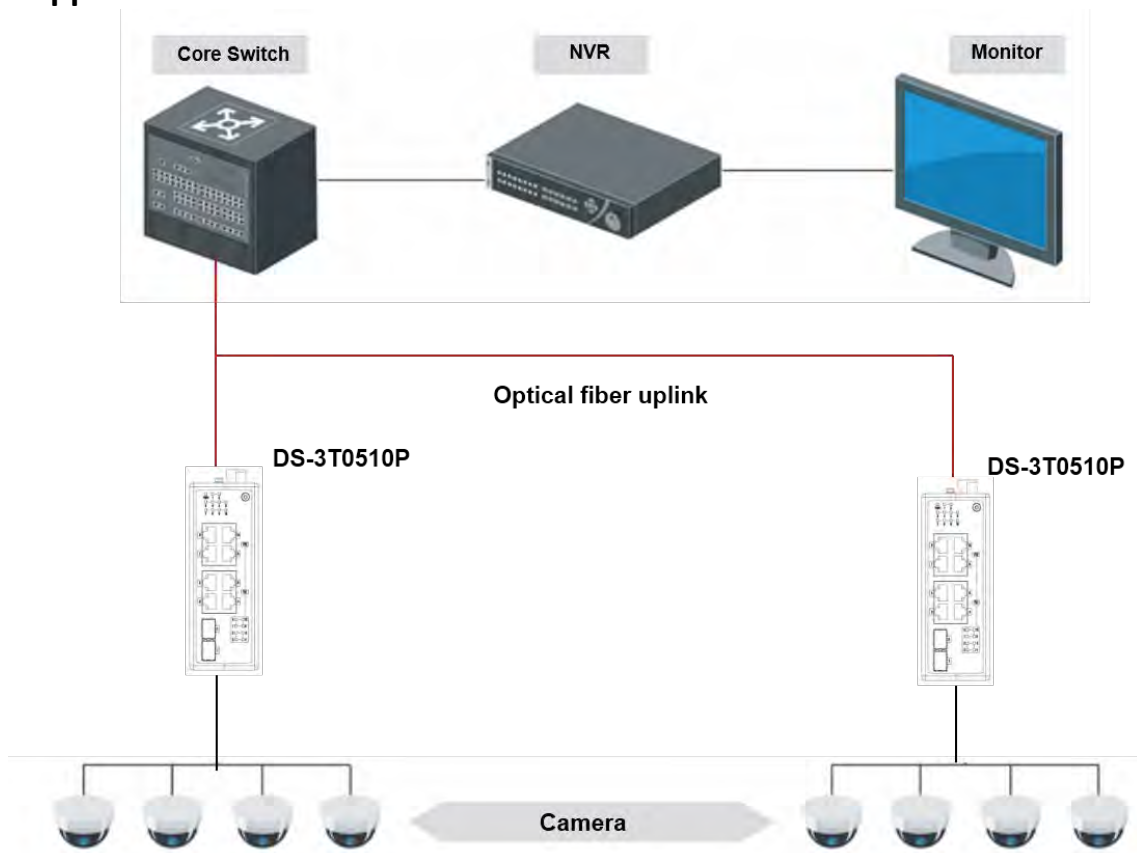
## ▪ Specification

|                           | Model                     | DS-3T0510P  |
|---------------------------|---------------------------|---|
| <b>Network Parameters</b> | Port Number               | 8 Gigabit PoE electrical ports and 2 Gigabit SFP optical ports  |
|                           | Port Type                 | RJ45 port, full duplex, MDI/MDI-X adaptive  |
|                           | Working Mode              | Standard mode   |
|                           | Standard                  | IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z and IEEE 802.3ab  |
|                           | Forwarding Mode           | Store-and-forward switching   |
|                           | MAC Address Table         | 4 K   |
|                           | Switching Capacity        | 20 Gbps   |
| <b>PoE Power Supply</b>   | PoE Standard              | IEEE 802.3af, IEEE 802.3at  |
|                           | PoE Power Pin             | Mid-span: 1/2(+), 3/6(-)  |
|                           | PoE Port                  | Ports 3 to 10   |
|                           | Max. Port Power           | 30 W  |
|                           | PoE Power Budget          | 240 W   |
| <b>General</b>            | Dimension (W × H × D)     | 52 mm × 140 mm × 110 mm   |
|                           | Storage Temperature       | -40 °C to 85 °C (-40 °F to 185 °F)  |
|                           | Storage Humidity          | 5% to 95% (no condensation)   |
|                           | Gross Weight              | 1.3 kg  |
|                           | Net Weight                | 0.8 kg  |
|                           | Power Consumption in Idle | 10 W  |
|                           | Shell                     | Metal material, fan-free design   |
|                           | Operating Temperature     | -40 °C to 75 °C (-40 °F to 167 °F)  |
|                           | Operating Humidity        | 5% to 95% (no condensation)   |
|                           | Power Supply              | DC: 48 V-57 V   |
|                           | Max. Power Consumption    | 250 W   |
| <b>Approval</b>           | 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)   |

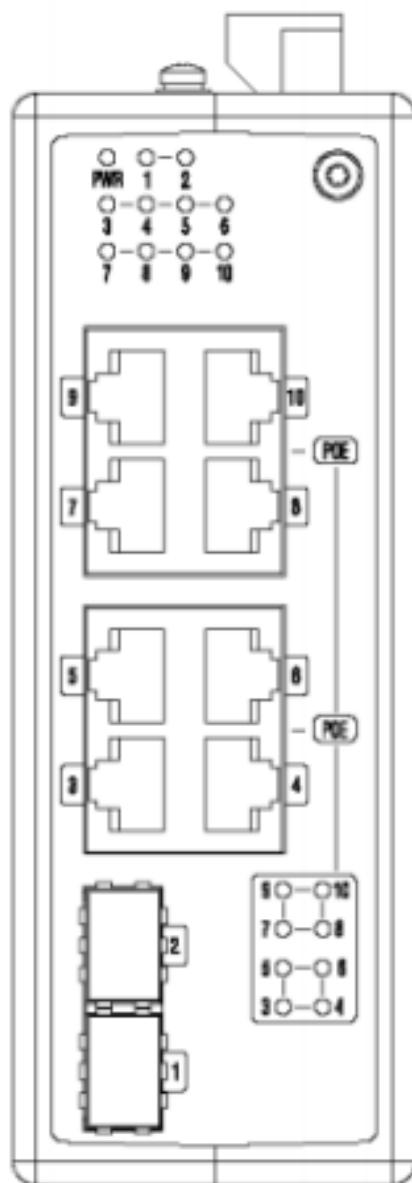
## ▪ Available Model

DS-3T0510P

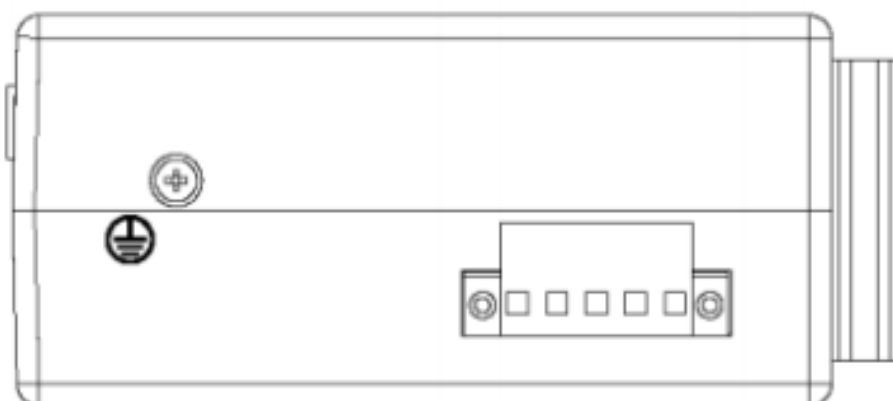
▪ Typical Application



▪ Physical Interface  
Front Panel






Side Panel



▪ **Accessory**

▪ **Optional**

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

**Headquarters**

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
www.hikvision.com



Follow us on social media to get the latest product and solution information.

