DS-3T0510P
8 Port Gigabit Unmanaged Industrial PoE Switch

The Hikvision DS-3T0510P unmanaged industrial switch can support 2 Gigabit SFP slots and 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 30 W 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 unmanaged 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.

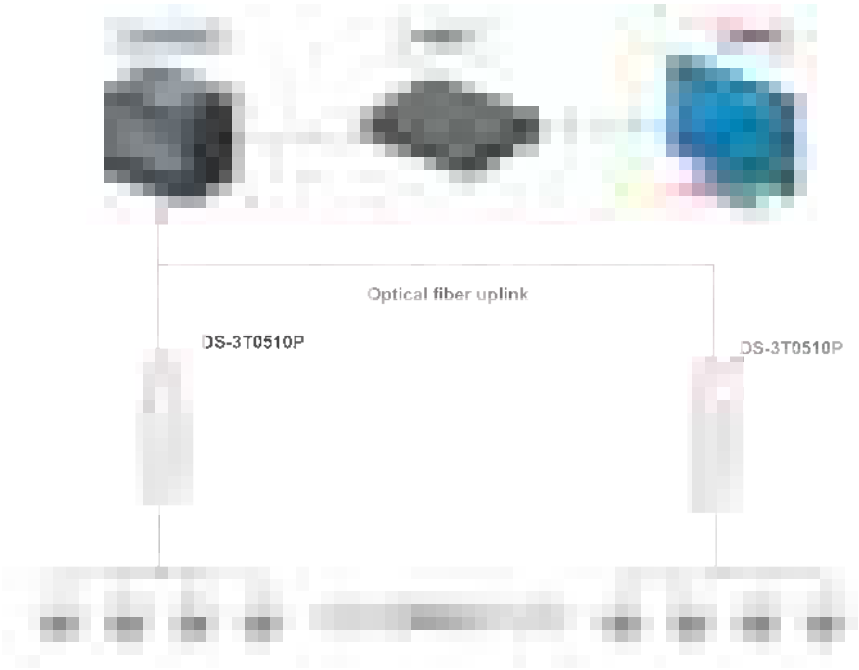
▪ Specification

General	
Shell	Metal material, fan-free design
Net Weight	0.8 kg (1.76 lb)
Gross Weight	1.3 kg (2.87 lb)
Dimensions (W × H × D)	52.0 mm × 140.0 mm × 110.0 mm (2.05'' × 5.51'' × 4.33'')
Operating Temperature	-40 °C to 75 °C (-40 °F to 167 °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, 3.13 A
Max. Power Consumption	250 W
Power Consumption in Idle	10 W
Installation Mode	Desk-Mounted
Surge Protection	6 kV
Network Parameters	
Ports	8 × Gigabit PoE port,2 × Gigabit fiber optical port
MAC Address Table	4 K
Switching Capacity	20 Gbps
PoE Power Supply	
PoE Standard	IEEE 802.3af,IEEE 802.3at
PoE Power Pin	End-span: 1/2(+), 3/6(-)
PoE Port	PoE: Ports 1 to 8
Max. Port Power	30 W
PoE Power Budget	240 W
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)

▪ Available Model

DS-3T0510P

▪ Typical Application



- **Physical Interface**