DS-3T2510P
8 Port Gigabit Full Managed Industrial

DS-3T2510P is a PoE network management industrial switch independently developed by our company , The switch can support 2 Gigabit SFP + 8 Gigabit ports , Designed for industrial applications , support a variety of useful management functions, such as IGMP snooping, IEEE 802.1Q VLAN, port-based VLAN, QoS and port mirroring.The Ethernet redundancy technologies, In addition, the DS-3T2510P industrial Ethernet Switches has a rugged metal housing to ensure suitability for use in industrial environments and fiber connection can be selected.

- 2 1000BaseX SFP Ports and 8 802.3af/at PoE/PoE+ 10/100/1000BaseT Ports. 1 Management Serial CLI Port.
- Easy network management by web browser, CLI, Telnet, serial console.
- IGMP snooping and GRMP for filtering multicast traffic.
- Port-based VLAN, IEEE 802.1Q VLAN, and GVRP to ease network planning.
- QoS (IEEE 802.1P/1Q and TOS/DiffServ) to increase determinism.
- SNMPv1/v2c/v3 for different levels of network management.
- Support IEEE 802.3af/at compliant PoE
- PoE management: PoE device detection, PoE power management
- Dual redundant power inputs design for DC models
- Fanless, -40 to 75°C wide operating temperature range
- MTBF ≥ 300,000h

▪ Specification

General	
Net Weight	0.47 kg (1.03 lb)
Gross Weight	0.60 kg (1.32 lb)
Dimension (W × H × D)	140 mm × 42 mm × 110 mm (5.50" × 1.65" × 4.33")
Working Temperature	-40°C to 75°C (-40°F to 167°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Working Humidity	5% to 95% (no condensation)
Storage Humidity	5% to 95% (no condensation)
Power Supply	48-54VDC, Redundant dual inputs (Power supply unit is not included)
Max. Power Consumption	245 W
Shell	Metal material, IP40
Network Parameters	
MAC Address Table	8 K
Ports	8 × Gigabit PoE port,2 × Gigabit fiber optical port
Switching Capacity	Whole-Device Performance: 20 Gbps Port Performance: 20 Gbps
Packet Forwarding Rate	Whole-Device Performance: 14.88 Mpps Port Performance: 14.88 Mpps
Software Function	
QoS	Support Diff-Serv QoS Support 802.1p/DSCP priority mapping Support Queue scheduling including SP, WRR, WFQ, SP+WRR, SP+WFQ Support Priority marking and remarking Support Traffic shaping Support Port/Flow- based Rate Limiting
VLAN	Support IEEE 802.1Q (VLAN), Up to 256 VLAN groups, 4096 VLAN IDs Support GVRP Support QinQ Support VLAN based on MAC/ protocol /IP subnet / policy / port Support Private VLAN Support 1:1 and N:1 VLAN Mapping functions
Management Method	Support CLI, Telnet, Console, RJ45 console, SSH Support web, http,https Support FTP, TFTP, SFTP Support SNMP V1/V2c/V3 Support RMON Support NTP
Reliability	Support STP/RSTP/MSTP Support EAPS/MEAPS Support ERPS

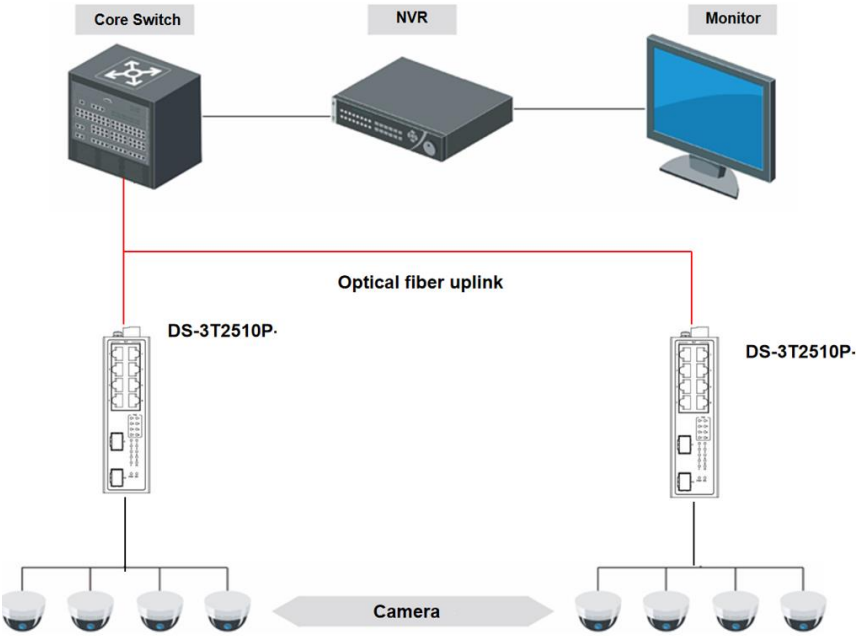
Security	Support AAA,TACACS+ Radius Authentication Support 802.1X authentication, MAC authentication, MAC bypass authentication Support to prevent DOS, ARP attack function, ICMP anti attack Support binding of IP, MAC, Support MAC authentication Support MAC address filtering Support Broadcast/Multicast/Unknown-unicast Storm Control
Multicast	Support IGMP v1/v2 Snooping Support IGMP V1/V2/V3 Support MLD Snooping v1 Support MLD v1/v2
PoE Power Supply	
PoE Standard	IEEE 802.3af,IEEE 802.3at
PoE Power Pin	4-pin power: 1/2(+), 3/6(-)
PoE Port	PoE: Ports 1 to 8
Max. Port Power	30 W
PoE Power Budget	240 W
Approval	
EMC	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)
Safety	CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition)
Chemistry	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2027)

▪ Key Component

Optional Power Supply

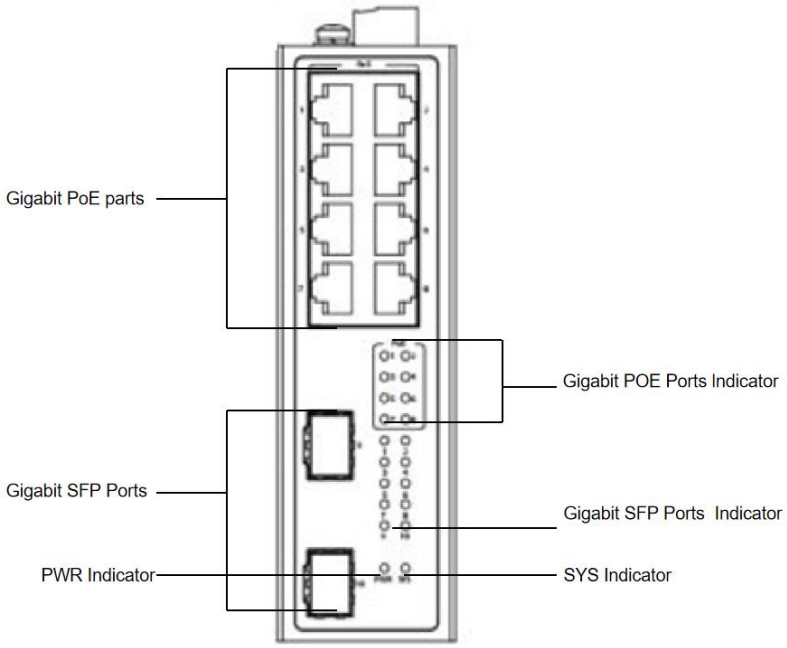
Order Sap	Order Model	Type	Parameter
303703680	NDR-75-48	Industrial Power Supply	AC/DC Power Supply, Output 48V-55V, 0-1.6A, 75watts, Input 90-264VAC, 127-370VDC, DIN rail, -20~70℃
303703681	NDR-240-48	Industrial Power Supply	AC/DC Power Supply, Output 48V-55V, 0-5A,240watts, Input 90-264VAC, 127-370VDC,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

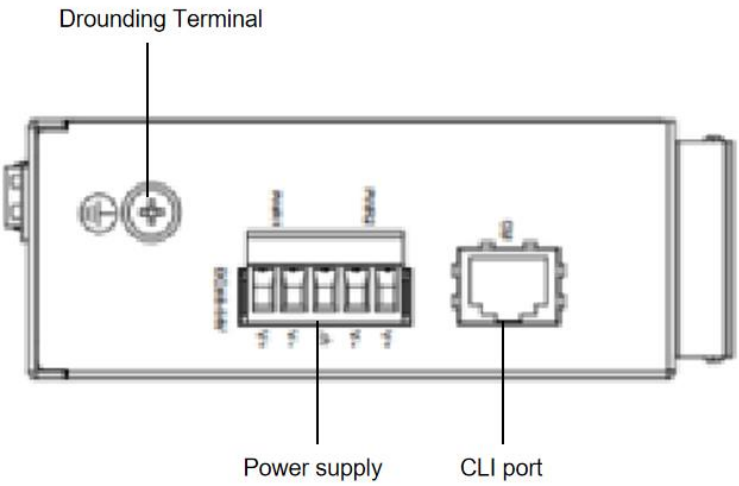
▪ Typical Application



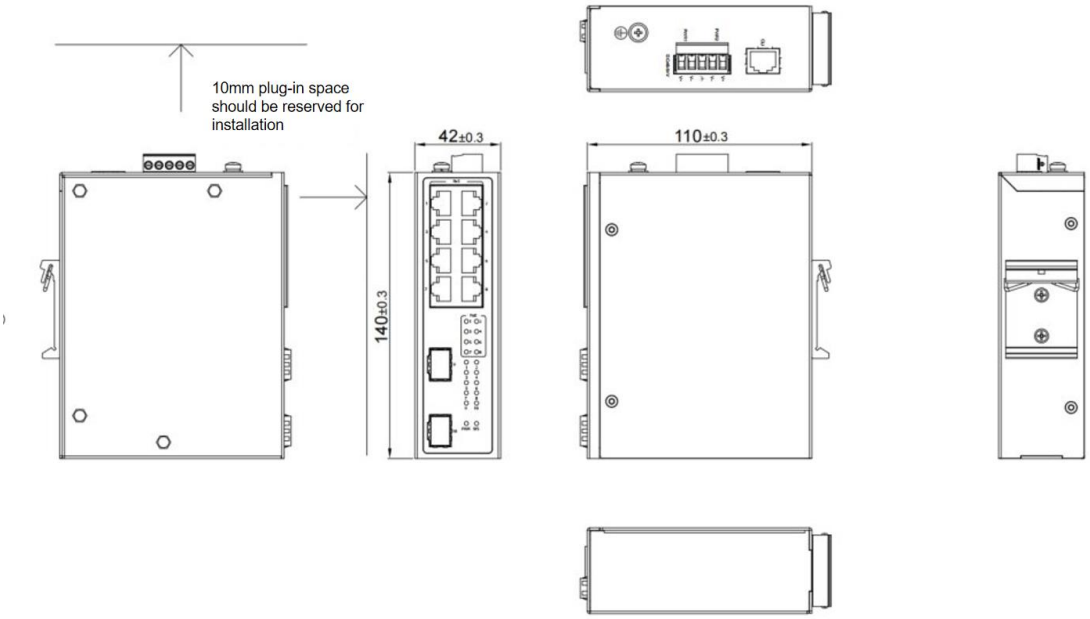
- **Available Product**

- **Physical Interface**





▪Dimension



▪ Accessory

▪Optional

NDR-75-48	NDR-240-48

See Far, Go Further

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