DS-3T3512P
8 Port Gigabit Full Managed Industrial PoE Switch

- 4 × 1000BaseX SFP Port, 8 × 802.3af/at PoE/PoE+ 10/100/1000BaseT Port, and 1 × Management Serial CLI Port.
- Support static routing, policy routing, rip, OSPF and other three-layer routing protocols.
- 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.
- Each PoE port provides up to 30 W output power.
- PoE management: PoE device detection, PoE power management
- Dual redundant power inputs design for DC models
- Die-casting aluminum alloy housing
- Fanless, -40 °C to 75 °C wide operating temperature range

▪ Specification

General	
Net Weight	0.67 kg (1.48 lb)
Gross Weight	0.75kg (1.65 lb)
Dimension (W × H × D)	140 mm × 52 mm × 110 mm (5.50" × 2.04" × 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	48-57 V DC, Redundant dual inputs (Power supply unit is not included)
Max. Power Consumption	250 W
Network Parameters	
MAC Address Table	8 K
Ports	8 × Gigabit PoE port,4 × Gigabit fiber optical port
Switching Capacity	Whole-Device Performance:24 Gbps Port Performance:24 Gbps
Packet Forwarding Rate	Whole-Device Performance:17.85 Mpps Port Performance:17.85 Mpps
PoE Power Supply	
PoE Power Pin	8-pin power: 1/2(+), 3/6(-), 4/5(-), 7/8(+);
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 Congestion avoidance, Tail-Drop and WRED Support 802.1p, TOS, DSCP, and EXP priority mapping 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, mini usb console, SSH Support web, http,https Support FTP, TFTP, Xmodem, SFTP Support SNMP V1/V2c/V3 Support RMON Support NTP

Reliability	Support STP/RSTP/MSTP
	Support EAPS/MEAPS
	Support MRD-Ring
	Support ERPS
	Support VRRP
	Support BFD for OSPF
	Support BFD for OSPF
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, port and VLAN
	Support MAC authentication
	Support MAC address filtering
	Support Broadcast/Multicast/Unknown-unicast Storm Control
Multicast	Support IGMP v1/v2/v3 Snooping
	Support IGMP V1/V2/V3
	Support MLD Snooping v1/v2
	Support MLD v1/v2
Approval	
EMC	FCC (ANSI C63.4, 47 CFR PART 15B); CE-EMC/RCM (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 28)
Safety	UL (UL 62368-1); CB (IEC 62368-1:2014); CE-LVD (EN 62368-1:2014+A11:2038)
Chemistry	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2027)

▪ Available Model

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▪ **Accessory**

▪**Optional**

HK-SFP-1.25G-20-1550 SFP Module	HK-SFP-1.25G-20-1310 SFP Module	HK-SFP-1.25G-1310-DF-MM SFP Module	HK-SFP-1.25G-20-1310-DF SFP Module	DRL-48V75W1AZ Industrial Power Supply Unit

DRL-48V240W1EN Industrial Power Supply Unit

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