

XPS-I8130-10P1T

8 port 10/100/1000 PoE + 2 port 1/2.5/10G SFP+ L3 Managed Industrial Switch



- 8 Port 1000BaseT PoE
- 2 Port 1/2.5/10G SFP+
- L3 Features
- Total PoE Budget: 300 W
- 8 ports PoE (802.3af/at/bt)
- IEEE802.1x
- IEEE802.3az
- IEEE802.3z/ab
- IP40
- DIN Rail

Technical Specs.

Model No	XPS-I8130-10P1T
Port Capacity	8 Port Gigabit / 2 Port 10 G uplink Industrial Managed PoE Switch
Port Types	8x 10/100/1000Base-T RJ45 copper ports (PoE) + 2x 1/2.5/10G SFP+ ports+1 RJ45 (RS-232)console port

Performance

Switching Capacity	56 Gbps , wire speed (non-blocking)
Forwarding Rate	71.42 Mpps
MAC Table	16K
Jumbo Frames	10K
Memory	2G DDR3
Flash Memory	512M
Packet Buffer Size	12M
Auto-negotiation	✓
Auto MDI/MDIX	✓
Store-and-Forward	✓

Layer 2 Features

Spanning Tree Protocol (STP)	IEEE802.1d Spanning Tree Protocol IEEE802.1w Rapid Spanning Tree Protocol IEEE802.1s Multiple Spanning Tree Protocol Loop Back Detection EAPS ERPS Support G.8032/Y.1344 UDLD
BPDU	Guard and Filter
IGMP Snooping	IGMP v1/v2/v3
MVR	✓
GMRP	✓
VLANs	Support up to 4K VLANs Port/IP/MAC/Protocol-based VLAN 802.1Q tag-based/trunk based VLAN Guest VLAN
Link Aggregation	IEEE 802.3ad LACP
Flow Control	IEEE802.3x
Private VLAN	✓
Static Routing	✓
Q in Q	✓ (Basic / Flexible)

Security Features

Broadcast, multicast , unicast storm control	Secure Shell (SSH, SFTP), Telnet security, supports MAC Learning Limit, MAC/IP-MAC Binding, MAC Filter
Secure Sockets Layer (SSL), Web security	Port Based ACL (1024) , VLAN1 ID or IP address, MAC Based, Protocol based, Port Based, TCP/ UDP
SSH v1 and v2	Ethernet type,ICMP, IGMP, TCP flag
DHCP Snooping	Port Security , 802.1x
ARP Inspection	Port Protection , AAA, RADIUS and TACACS+
IP Source Guard	

Management

Web/SSL , CLI	SNMP (v1, v2, v3)	Firmware upgrade, (HTTP/HTTPs and TFTP)
Port Mirroring	DHCP Option 82	LLDP
Port Isolation	Web GUI Interface	SNTP
Telnet/SSH	Cable Diagnostics	TFTP
Ping	CPU Load	Syslog
HTTP/HTTPs	Dual Image	DHCP Client/Snooping/Relay/Server
Timezone	RMON	

Layer 3 Features

Static IP Routing	OSPF V2	Policy Routing
RIP v1/v2	IP VLAN interfaces	Support static and dynamic ARP

IPv6

IPv6 MLD snooping	IPv4/IPv6 Dual Protocol Stack
IPv6 Ping	IPv6 VLAN

Quality of Service

CoS	8 queues per port TCP/ UDP Strict priority Weighted Round Robin (WRR) Traffic Shaping
Rate Limiting	Ingress/Egress Rate control
Traffic classification	IEEE802.1p DSCP / IP precedence ToS

PoE

Standard	IEEE802.3af IEEE802.3at IEEE802.3bt (Port 1 only)
Total PoE Budget	300W
Max. PoE Power for t	90W (Port 1 only)

Environment

DC Power Input (Terminal Block)	47-55V Redundant
Max. Power Consumption	312W
Operating/Storage Temperature	-40 - 75 °C / -50 - 85 °C
Operating Humidity	5% - 95% , non-condensing
MTBF	> 255.000 hours

Mechanical

Dimension	165 x 148 x 54 mm
Weight	0.9 kg
Installation	IP40 rating , DIN-rail

Standards

EN55022	EN61000-6-2	EN61000-4-5	IEC60068-2-27 Ea
EN61000-6-4	EN61000-4-2	EN61000-4-6	CE
EN61000-3-2	EN61000-4-3	EN61000-4-8	EN50121-4
EN61000-3-3	EN61000-4-4	IEC60068-2-6	ISO 9001

Ordering Information

XPS-I8130-10P1T 8 port 10/100/1000 PoE + 2 port 1/2.5/10G SFP+ L2+ Managed Industrial Switch

Modules

XPS-I21LX	XPS Industrial Dual Core LX SM 10Km SFP Module -40/75°C
XPS-I21SX	XPS Industrial Dual Core SX MM SFP Module -40/75°C
XPS-I22LR	XPS Industrial Dual Core 10G LR SM 10Km SFP+ Module -40/75°C
XPS-I22SR	XPS Industrial Dual Core 10G SR MM SFP+ Module -40/75°C

*more module ranges are available upon request.