

XPS-I7120-12PT

8 port 10/100/1000 PoE + 2 port 1000T + 2 port 100/1000 SFP L2+ Managed Industrial Switch



- 8 Port 1000BaseT PoE
- 2 Port 1000BaseT
- 2 Port 100/1000 SFP
- L2+ Features
- Total PoE Budget: 720 W
- 8 ports PoE
- IEEE802.1x
- IEEE802.3az
- IEEE802.3z/ab
- IP30
- DIN Rail
- Railway Certification (EN50121-4)

Technical Specs.

Model No	XPS-I7120-12PT
Port Capacity	12 Port Gigabit Industrial Managed PoE Switch
Port Types	8x 10/100/1000Base-T RJ45 copper ports (PoE) + 2x 1000Base-T 2x 100/1000 SFP ports+1 RJ45 console port +1 DI Port + 1 DO Port

Performance

Switching Capacity	24 Gbps , wire speed (non-blocking)
Forwarding Rate	19.90 Mpps
MAC Table	16K
Jumbo Frames	10K
Memory	8M
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
IGMP Snooping	IGMP v1/v2/v3
VLANs	Support up to 4K VLANs Port-based VLAN 802.1Q tag-based/trunk based VLAN
Link Aggregation	IEEE 802.3ad LACP
Ethernet Ring Protection Switching	G.8032 ERPS
Flow Control	IEEE802.3x
Private VLAN	✓
Static Routing	✓
Q in Q	✓

Security Features

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

Management

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

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
Total Power Budget	720W
Max. PoE Power for each port	90W

Environment

DC Power Input	47-55V
Total Power Consumption	735W
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	IP30 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-I7120-12PT	8 port 10/100/1000 PoE + 2 port 1000BaseT + 2 port 100/1000 SFP L2+ Managed Industrial Switch
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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

*more module ranges are available upon request.