

XPS-I7120-18P4B

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



- 16 Port 1000BaseT
- 2 Port 100/1000 SFP
- L2+ Features
- Total PoE Budget: 600 W
- 16 ports PoE
- IEEE802.1x
- IEEE802.3az
- IEEE802.3bt
- IEEE802.3z/ab
- IP30
- DIN Rail

Technical Specs.

Model No	XPS-I7120-18P4B
Port Capacity	18 Port Gigabit Industrial Managed PoE Switch
Port Types	16x 10/100/1000Base-T RJ45 copper ports (PoE) + 2x 100/1000 SFP ports+1 RJ45 console port +1 Alarm Port

Performance

Switching Capacity	36 Gbps , wire speed (non-blocking)
Forwarding Rate	26.78 Mpps
MAC Table	8K
Jumbo Frames	9.6K
Memory	4M
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 BPDU Guard
IGMP Snooping	IGMP v1/v2/v3 , MLD Snooping v1/v2 , IGMP Query
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	EPPS/EAPS
Flow Control	IEEE802.3x
Private VLAN	✓
Static Routing	✓
Q in Q	✓

Security Features

Broadcast, multicast , unicast storm control	Secure Shell (SSH), 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 (One to One , One to Many)	DHCP Client	LLDP
Port Isolation	Web GUI Interface	SNTP
Telnet/SSH	Cable Diagnostics	TFTP
Ping	CPU Load	Syslog
HTTP/HTTPs	Dual Image	SFP DDM
Timezone	RMON	

Quality of Service

CoS	8 queues per port TCP/ UDP Strict priority WRR, SP, WFQ priority 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	600W
Max. PoE Power for each port	30W (Port 1 – 4 max 90W)

Environment

DC Power Input	47-55V
Total Power Consumption	623W
Operating/Storage Temperature	-40 - 75 °C / -50 - 85 °C
Operating Humidity	5% - 95% , non-condensing
EDS Protection	8KV DC
MTBF	> 255.000 hours

Mechanical

Dimension	295 x 195 x 45 mm
Weight	1.4 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	IEC60068-2-32
EN61000-3-2	EN61000-4-3	EN61000-4-8	CE / FCC
EN61000-3-3	EN61000-4-4	IEC60068-2-6	ISO 9001

Ordering Information

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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.