

## XPS-I7120-14P

10 port 10/100/1000T (8 ports PoE) + 4 port 100/1000 SFP L2+ Managed Industrial Switch



- 10 Port 1000BaseT
- 4 Port 100/1000 SFP
- L2+ Features
- Total PoE Budget: 240 W
- 8 ports PoE
- IEEE802.1x
- IEEE802.3az
- IEEE802.3z/ab
- IP30
- DIN Rail

## Technical Specs.

<b>Model No</b>	XPS-I7120-14P
<b>Port Capacity</b>	14 Port Gigabit Industrial Managed PoE Switch
<b>Port Types</b>	10x 10/100/1000Base-T RJ45 copper ports (8 ports PoE) + 2x 100/1000 SFP (100Base-FX, 1000Base-TX-SX-LX-ZX-BX) ports + 1 RJ45 console port +1 Alarm Port

## Performance

<b>Switching Capacity</b>	28 Gbps, wire speed (non-blocking)
<b>Forwarding Rate</b>	20.83 Mpps
<b>MAC Table</b>	8K
<b>Jumbo Frames</b>	9.6K
<b>RAM</b>	1GB
<b>Flash Memory</b>	128M
<b>Buffer</b>	6M
<b>Auto-negotiation</b>	✓
<b>Auto MDI/MDIX</b>	✓
<b>Store-and-Forward</b>	✓

## Layer 2+ Features

<b>Spanning Tree Protocol (STP)</b>	IEEE802.1d Spanning Tree Protocol IEEE802.1w Rapid Spanning Tree Protocol IEEE802.1s Multiple Spanning Tree Protocol Loop Back Detection
<b>IGMP Snooping</b>	IGMP v1/v2/v3
<b>Multicast Groups</b>	1024
<b>VLANs</b>	Support up to 4K VLANs Port-based VLAN IEEE 802.1Q tag-based/trunk based VLAN
<b>Link Aggregation</b>	IEEE 802.3ad LACP
<b>Ethernet Ring Protection Switching</b>	G.8032 ERPS
<b>Flow Control</b>	IEEE802.3x
<b>Private VLAN</b>	✓
<b>Static Routing</b>	✓
<b>ICMP</b>	✓
<b>Q in Q</b>	✓
<b>Q in Q VLAN</b>	✓

**Security Features**

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

Web/SSL	SNMP (v1, v2, v3)	Firmware upgrade, (HTTP/HTTPs and TFTP)
Port Mirroring	DHCP Client	LLDP
Port Isolation	Console Port	SNTP
Telnet/SSH	Web GUI Interface	TFTP
Ping	CPU Load	Syslog
HTTP/HTTPs	Dual Image	Cable Diagnostics
Timezone	RMON (1,2,3,9 group)	
Critical Alarm Relay	SNMP Traps	

**IPv6**

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

**Quality of Service**

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

**PoE**

<b>Standard</b>	IEEE802.3af IEEE802.3at
<b>Total PoE Budget</b>	240W
<b>Max. PoE Power for each port</b>	30W
<b>Ports</b>	8 ports support PoE

**Environment**

DC Power Input	47-55V
Total Power Consumption	254W
Operating/Storage Temperature	-40 - 75 °C / -50 - 85 °C
Operating Humidity	5% - 95% , non-condensing
MTBF	500.000 hours

**Mechanical**

Dimension	165 x 148 x 54 mm
Weight	1.0 kg
Installation	IP30 rating , DIN-rail

**Standards**

EN55022	EN61000-6-2	EN61000-4-5	CE
EN61000-6-4	EN61000-4-2	EN61000-4-6	FCC
EN61000-3-2	EN61000-4-3	EN61000-4-8	
EN61000-3-3	EN61000-4-4	EN61000-4-9	
IEC60068-2-6	IEC60068-2-27 Ea	ISO 9001	

**Ordering Information**

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**Modules**

<b>XPS-I21LX</b>	XPS Industrial Dual Core LX SM 10Km SFP Module -40/75°C
<b>XPS-I21SX</b>	XPS Industrial Dual Core SX MM SFP Module -40/75°C

\*more module ranges are available upon request.