

## XPS-I7120-6P

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



- 4 Port 1000BaseT
- 2 Port 100/1000 SFP
- L2+ Features
- Total PoE Budget: 120 W
- 4 ports PoE
- IEEE802.1x
- IEEE802.3az
- IEEE802.3z/ab
- IP30
- DIN Rail

### Technical Specs.

<b>Model No</b>	XPS-I7120-6P
<b>Port Capacity</b>	6-Port Gigabit Industrial Managed PoE Switch
<b>Port Types</b>	4x 10/100/1000BaseT RJ45 copper ports (PoE) + 2x 100/1000 SFP ports + 1 RJ45 console port

### Performance

<b>Switching Capacity</b>	12 Gbps, wire speed (non-blocking)
<b>Forwarding Rate</b>	8.93 Mpps
<b>MAC Table</b>	8K
<b>Jumbo Frames</b>	9.6K
<b>Memory</b>	4M
<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
<b>VLANs</b>	Support up to 4K VLANs Port-based VLAN 802.1Q tag-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>Q in Q</b>	•

### Security Features

**Broadcast, multicast , unicast storm control**  
**Secure Sockets Layer (SSL),** Web security  
**DHCP Snooping**  
**ARP Inspection**  
**IP Source Guard**  
**AAA, RADIUS and TACACS+**

**Secure Shell (SSH),** Telnet security, supports SSH v1 and v2  
**ACL,** VLAN ID or IP address,  
 MAC Based, Protocol based, Port Based, TCP/ UDP  
 Ethernet type,ICMP, IGMP, TCP flag  
**Port Security**

### Management

Web/SSL	SNMP	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	

### Quality of Service

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

### PoE

<b>Standard</b>	IEEE802.3af IEEE802.3at
<b>Total PoE Budget</b>	120W
<b>Max. PoE Power for each port</b>	30W

**Environment**

DC Power Input	47-55V
Total Power Consumption	135W
Operating/Storage Temperature	-40 - 75 °C / -50 - 85 °C
Operating Humidity	5% - 95% , non-condensing

**Mechanical**

Dimension	165 x 148 x 54 mm
Weight	1.436 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	FCC
EN61000-3-3	EN61000-4-4	IEC60068-2-6	ISO 9001

**Ordering Information**

**XPS-I7120-6P**      4 port 10/100/1000 PoE + 2 port 100/1000 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

\*more module ranges are available upon request.