

## XPS-I7120-6

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



- 4 Port 1000BaseT
- 2 Port 100/1000 SFP
- L2+ Features
- IEEE802.1x
- IEEE802.3az
- IEEE802.3z/ab
- IP30
- DIN Rail

### Technical Specs.

Model No	XPS-I7120-6
Port Capacity	6 Port Industrial Managed Switch
Port Types	4x 10/100/1000Base-T RJ45 copper ports + 2x 100/1000 SFP ports + 1 RJ45 console port

### Performance

Switching Capacity	12 Gbps, wire speed (non-blocking)
Forwarding Rate	8.93 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
IGMP Snooping	IGMP v1/v2
VLANs	Support up to 4K VLANs Port-based VLAN 802.1Q tag-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 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		

### 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

### Environment

<b>DC Power Input</b>	12-48V
<b>Total Power Consumption</b>	8.8W
<b>Operating/Storage Temperature</b>	-40 - 75 °C / -50 - 85 °C
<b>Operating Humidity</b>	5% - 95% , non-condensing

### Mechanical

Dimension	165 x 148 x 54 mm
Weight	0.812 kg
Installation	IP30 rating , DIN-rail

### Standards

EN55022	EN61000-4-4	EN61000-6-4	CE
EN61000-3-2	EN61000-4-5	IEC60068-2-6	FCC
EN61000-3-3	EN61000-4-6	IEC60068-2-27 Ea	RoHS
EN61000-4-2	EN61000-4-8	CE/LVD EN60950	ISO 9001
EN61000-4-3	EN61000-6-2	VCCI Class B	

### Ordering Information

**XPS-I7120-6** 4 port 10/100/1000T + 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.