

## XPS-1220-18P

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



- 16 Port 1000BaseT
- 2 Port 100/1000 SFP
- L2+ Features
- Total PoE Budget: 250 W
- 16 ports PoE
- IEEE802.1x
- IEEE802.3z/ab

### Technical Specs.

Model No	XPS-1220-18P
Port Capacity	18 Port Managed PoE Switch
Port Types	16x 10/100/1000Base-T RJ45 copper ports (PoE) + 2x 100/1000 SFP ports + 1 RJ45 console port

### Performance

Switching Capacity	36 Gbps, wire speed, (non-blocking)
Forwarding Rate	26.78 Mpps
MAC Table	8K
Jumbo Frames	9KB
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 (TRUNK)	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,
Port Mirroring	DHCP Client	(HTTP/HTTPs and TFTP)
Port Isolation	Web GUI Interface	LLDP
Telnet/SSH	Cable Diagnostics	SNTP
Ping	CPU Load	TFTP
HTTP/HTTPs	Dual Image	Syslog
Timezone		

### IPv6

IPv6 MLD snooping	IPv4/IPv6 Dual Protocol Stack
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### 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>	250W
<b>Max. PoE Power for each port</b>	30W

### Environment

<b>Input Power</b>	AC100-240V, 50-60Hz
<b>Total Power Consumption</b>	261W
<b>Operating/Storage Temperature</b>	0 - 50 °C / -20 - 75 °C
<b>Operating Humidity</b>	10% - 90%, non-condensing



### Mechanical

<b>Dimension</b>	440 x 290 x 44.5 mm
<b>Weight</b>	3.614 kg
<b>Installation</b>	Free-standing, wall-mounted

### Standards

CE mark, commercial	FCC Part 15 Class B
VCCI Class B	ISO 9001
EN55022 (CISPR 22), Class B	CE/LVD EN60950, RoHS

### Ordering Information

**XPS-1220-18P**      16 port 10/100/1000 PoE + 2 port 100/1000 SFP L2+ Managed Switch

### Modules

**XPS-21LX**            XPS Dual Core LX SM 10Km SFP Module -10/50°C  
**XPS-21SX**            XPS Dual Core SX MM SFP Module -10/50°C

\*more module ranges are available upon request.