

XPS-I7121-10P

8 port 10/100/1000 PoE + 2 Gigabit Combo (TP/SFP) L2+ Yönetilebilir Endüstriyel Switch



- 8 Port 10/100/1000BaseT
- 2 Port 100/1000 TP/SFP
- L2+ Özellikleri
- Toplam PoE Tüketimi: 240 W
- 8 port PoE
- IEEE802.1x
- Rapid Ring (R-Ring)
- IEEE802.3az
- IEEE802.3z/ab
- ITU-T G.8031 (EPS)
- ITU-T G.8032 (ERPS)

Teknik Özellikler

Model No	XPS-I7121-10P
Port Kapasitesi	10 Port Gigabit Yönetilebilir Endüstriyel PoE Switch
Port Tipi	8x 10/100/1000Base-T RJ45 bakır portlar (PoE) + 2 Gigabit Combo (10/100/1000BaseT - 100/1000 SFP) + 1 RJ45 konsol portu

Ürün Performans Özellikleri

Anahtarlama Kapasitesi	20 Gbps, wire speed (non-blocking)
Yönlendirme Hızı	14.88 Mpps
MAC Adres Tablosu	8K
Jumbo Frames	9Kb
Memory	32M
Auto-negotiation	•
Otomatik MDI/MDIX	•
Store-and-Forward	•

L2+ Özellikleri

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/v3 (Supports 1024 multicast groups)
VLANs	4K VLAN desteği (Support up to 4K VLANs) Port bazlı VLAN (Port-based VLAN) Tag-based VLAN (802.1Q), VLAN tagging/trunking MAC bazlı VLAN (MAC-based VLAN) Management VLAN Private VLAN Edge (PVE) Voice VLAN GARP VLAN Registration Protocol (GVRP)
Link Aggregation	IEEE 802.3ad LACP
Ethernet Protection Switching	G.8031 EPS
Ethernet Ring Protection Switching	G.8032 ERPS
Flow Control	IEEE802.3x
Private VLAN	•
Static Routing (IPv4 and IPv6)	•
Q in Q (802.3ad)	•
DHCP Relay (works with DHCP Option 82)	•
IGMP Querier/Proxy	•
Multicast VLAN Registration (MVR)	•

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Güvenlik Özellikleri

Broadcast, multicast, unicast storm control
Secure Sockets Layer (SSL), Web security
ARP Inspection
ACLs, VLAN ID or IP address, MAC Bazlı (MAC Based), Protokol Bazlı (Protocol based), Port Bazlı (Port Based), TCP/ UDP, Ethernet type, ICMP, IGMP, TCP flag, 802.1p priority

Secure Shell (SSH), Telnet security, SSH v1 and v2 desteği (supports SSH v1 and v2)
DHCP Snooping
Port Security, IEEE 802.1x - IP, MAC bazlı doğrulama (MAC based authentication)
AAA, RADIUS and TACACS+
Loop Protection
IP Source Guard

Yönetim Özellikleri

Web/SSL	SNMP (v1, v2c, v3)	Firmware Yükseltme (Firmware upgrade), (HTTP/HTTPs, TFTP and console)
Port Mirroring	DHCP Client/DHCPv6 Client	LLDP (IEEE 802.1ab)
Telnet	DHCP Server	NTP (Network Time Protocol)
SSH	Web GUI Interface	TFTP
Ping	CLI via Console Port	Syslog
HTTP/HTTPs	Cable Diagnostics	IPv6 Management
Timezone	CPU Load	UPnP
HW Monitoring	Dual Image	iPush
IEEE 1588v2 PTP (Precision Time Protocol)	RMON (1,2,3,9 group)	s-Flow
IEEE 802.3ah (OAM Link-Fault Management)	HW Watchdog	
	IEEE 802.1ag (Y.1731)	

IPv6 Uygulamaları

IPv6 Yönetim (IPv6 Management)	IPv4/IPv6 Dual Protocol Stack
IPv6 Ping	IPv6 MLD v1/v2 snooping

Quality of Service

CoS	Port boşuna 8 kuyruk (8 queues per port) TCP/ UDP Strict priority Weighted Round Robin (WRR) Queue assignment based on DSCP and class of service
Rate Limiting	Ingress/Egress Rate control
Trafik Sınıflandırma (Traffic classification)	IEEE802.1p VLAN priority based Traffic Shaper (Port based shaping) DSCP/IP precedence DiffServ/ToS Classification and re-marking ACLs

PoE

Standart	IEEE802.3af IEEE802.3at
Toplam PoE Güç Tüketimi	240W
Bir Port için Maks. PoE Güç Tüketimi	30W

Alarm

Dijital Röle Çıkışı	24VDC/1A
SNMP Traps	•

Ortam

DC Güç Girişi	47-55V
Toplam Güç Tüketimi	247W
Çalışma ve Depolama Sıcaklığı	-40 - 75 °C / -50 - 85 °C
Nemli Ortamda Çalışma Aralığı	5% - 95%, non-condensing
Fansız Dizayn	•

Mekanik

Boyutlar	135 x 130 x 62 mm
Ağırlık	0.95 kg
Montaj	IP30 rating, DIN-rail

Sertifika ve Standartlar

EN55022	EN61000-6-2	EN61000-4-5	IEC60068-2-27
EN61000-6-4	EN61000-4-2	EN61000-4-6	IEC 60068-2-32
EN61000-3-2	EN61000-4-3	EN61000-4-8	CE
EN61000-3-3	EN61000-4-4	IEC60068-2-6	FCC Part 15 Class A
ISO 9001			

Sipariş Bilgileri

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Modüller

XPS-I21LX	XPS Endüstriyel Dual Core LX SM 10Km SFP Modül -40/75°C
XPS-I21SX	XPS Endüstriyel Dual Core SX MM SFP Modül -40/75°C
XPS-I21LH	XPS Endüstriyel Dual Core ZX SM 50Km SFP Modül -40/75°C
XPS-I21ZX	XPS Endüstriyel Dual Core ZX SM 70Km SFP Modül -40/75°C

*ihtiyaç halinde daha fazla modül modeli tedarik edilebilmektedir.

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