

24-Port Gigabit L2+ Managed Industrial Switch

4*GE Combo Ports + 24*GE RJ45 Ports



XPTN-9000-87-24GT4GC-R-M



XPTN-9000-87-24GP4GC-R-M



Multiple management methods



Non-blocking, low delay design



Rich in L2/L3 features



Strong security policy and strategy



Eco-friendly and energy-saving



| Product Overview

This device is a 24-port Gigabit L2+ managed industrial switch with 24×GE RJ45 ports, 4×GE combo ports, and 1×Console port. It delivers non-blocking, low-latency switching with 56Gbps capacity, rich L2/L3 functions, and comprehensive security and management features (Web/CLI/Telnet/SSH/SNMP). Designed for harsh environments, it offers -40~75°C operation, 6KV surge protection, 8/15KV ESD protection, and CE/FCC/RoHS compliance. The GP model supports IEEE 802.3af/at PoE with a 400W budget, and the series is eco-friendly and energy-saving.

| Key Features

- Supports IEEE 802.3 af/at, PoE management, and PoE Watchdog;
- 6KV port lightning protection;
- ESD: contact 8KV, air 15KV;
- -40~75℃ wide operating temperature range;
- Support static routing function;
- Support L2 management functions such as VLAN, LLDP, LACP etc.;
- Support rich security features such as 802.1, AAA, Port Security, DHCP Snooping, Port Isolation, DAI etc.;
- Support Telnet/SSH, SNMP, WEB UI, CLI.

| Hardware Features

Model	XPTN-9000-87 -24GT4GC-R-M	XPTN-9000-87 -24GP4GC-R-M
Interface	4*100/1000M Combo ports + 24*10/100/1000M RJ45 ports	
	1*Console Management	
Switching Capacity	56Gbps	
Packets Forwarding Rate	41.616Mpps	
MAC Table	8K	
Packet Buffer	4.1M	
Transfer Delay	<10us	
Power Supply	AC100-240V 50/60HZ	
	Empty Load Power: <20W	
LED Indicators	PWR,SYS, Link/ACT	

| Hardware Features

Model	XPTN-9000-87 -24GT4GC-R-M	XPTN-9000-87 -24GP4GC-R-M
PoE	—	1-24ports support PoE
		IEEE 802.3 af/at standards
		Whole device power budget: 400W
		PIN Sequence: 1,2+/3,6-
Environment	Working Temperature: -40 °C ~ 75°C Storage Temperature: -40 °C ~ 75°C Working Humidity: 10%~95% non-condensing Storage Humidity: 10%~95% non-condensing	
Size(W*D*H)	440*280*44mm	
Weight	3.8KG	3.8KG
EMC	Power Surge Protection: 6KV/2KV	
	Ethernet Port Surge Protection: 4KV/2KV	
	Anti-static Interference: 8KV/15KV	
	Free Drop: 0.5M	
Certificate Compliance	CE/FCC/RoHS	

| Software Specifications

Model	XPTN-9000-87 -24GT4GC-R-M	XPTN-9000-87 -24GP4GC-R-M
VLAN	Support 4K IEEE 802.1Q VLAN	
	Support protocol VLAN	

| Software Specifications

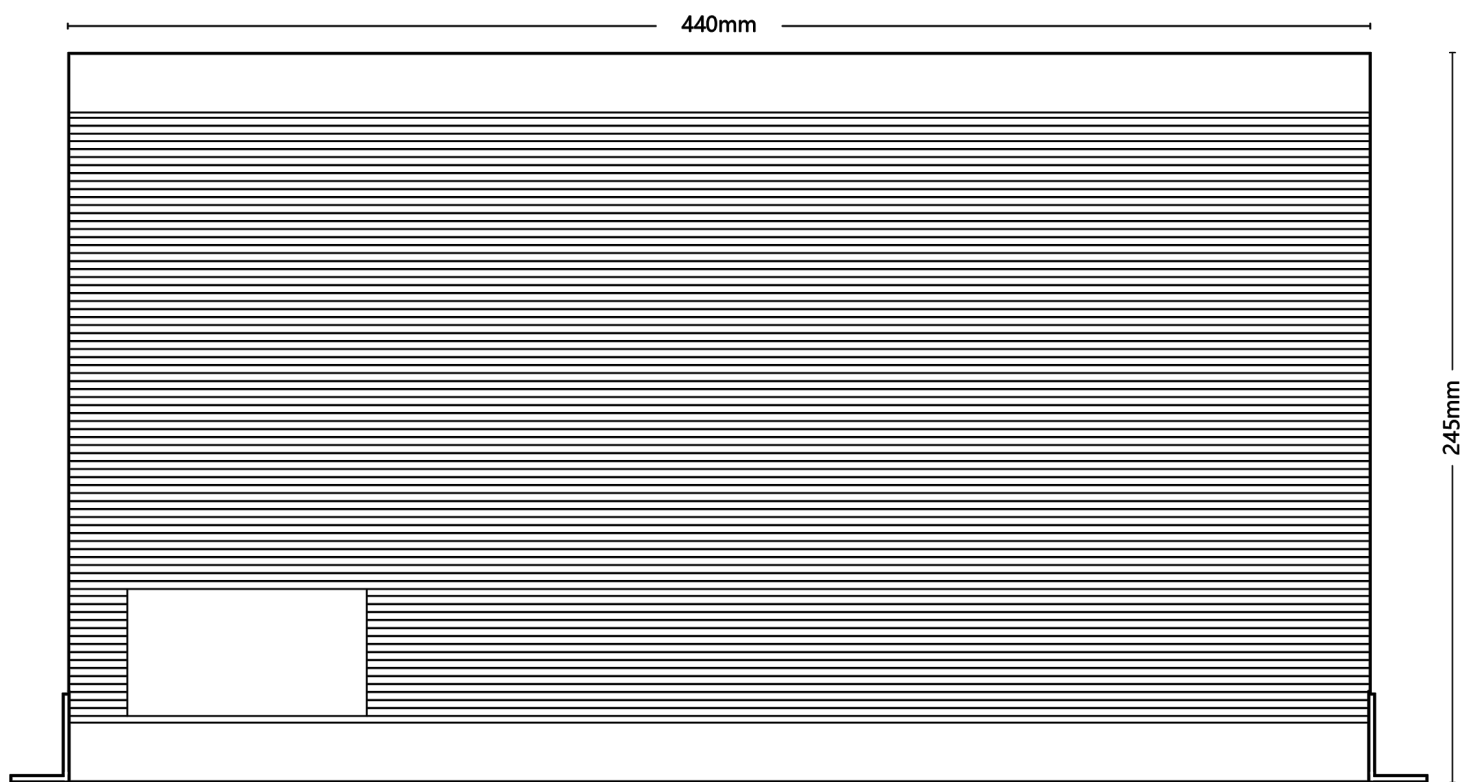
Model	XPTN-9000-87 -24GT4GC-R-M	XPTN-9000-87 -24GP4GC-R-M
VLAN	Support MAC VLAN	
	Support voice VLAN	
	Support video VLAN	
	Support GVRP	
LACP	Support IEEE 802.3ad	
	Support static LACP	
	Support dynamic LACP	
STP	Support IEEE 802.1d STP	
	Support IEEE 802.1w RSTP	
	Support IEEE 802.1s MSTP	
	Spanning Tree BPDU Filtering	
	Spanning Tree BPDU Guard	
	Spanning Tree Edge Port	
LLDP	Support IEEE 802.1ab protocol	
ERPS	Support ITUT G.8032 protocol	
Port	Support Jumbo Frame	
	Support IEEE802.3X Flow Control	
	Support port statistics	
	Support Auto-MDI/MDIX	
Multicast	Support IGMP Snooping	
	Support MLD Snooping	
	Support MVR	
ACL	Support MAC Standard/Extended ACL	
	Support IPv4 Standard/Extended ACL	
	Support IPv6 Standard/Extended ACL	

Model	XPTN-9000-87 -24GT4GC-R-M	XPTN-9000-87 -24GP4GC-R-M
QoS	Support QoS Re-marking	
	Support Port Trust	
	Support Port Rate Limiting	
	Support Egress Queue Rate Limiting	
	Support SP, WRR scheduling algorithms	
	Support CoS, DSCP, IP Priority Mapping	
DHCP	DHCP Interface Priority IP Binding	
	Support DHCP Snooping	
	Support DHCP Client	
	Support DHCP Server	
L3 Route	IPv4 Management Address	
	IPv6 Management Address	
	Static IPv4 Route	
	Static IPv6 Route	
	ARP	
	Loopback Interface	
Security	Support Management Channel Configuration	
	Support AAA	
	Support IEEE802.1X	
	Support MAC-Based IEEE802.1X	
	Support WEB-Based IEEE802.1X	
	Denial of Service Protection	
	Dynamic ARP Inspection(DAI)	
	IP Source Guard	
	Port Security	
	Port Isolation	
DNS	Support DNS Client	
	Support DNS Server	

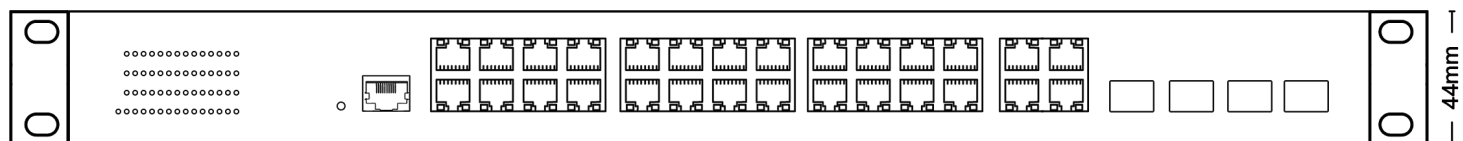
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	IP Source Guard	
	Port Security	
	Port Isolation	
DNS	Support DNS Client	
	Support DNS Server	
Diagnosis	Support Console Logs	
	Support RAM logs	
	Support Flash logs	
	Support Port Mirroring(1:1,N:1)	
	Support Ping	
	Support Traceroute	
	Support Cable Test	
	Support UDLD protocol	
	Support Optical Module Information	
Management	Support User Management	
	Support System Log	
	Support Firmware Upgrade	
	Support File Upgrade	
	Support SNMP	
	Support WEB Management	

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	Support MQTT L2+ Management	
	Support System Log	
	Support Firmware Upgrade	
	Support File Upgrade	
	Support SNMP	
	Support WEB Management	
	Support Console	
	Support CLI	
	Support Telnet/SSH	
	Support SNMP Client	
	Support RMON	
EEE	Support IEEE802.3az	

| Product Dimensions



Top View



440mm
Front View