



XPTN-9000-77-8GX8GT-M Industrial Managed Switch

Input Voltage: 12 to 58VDC

Operating Temperature: -40°C ~ +70°C

Housing: IP40, Aluminum

Certification: CE/FCC/RoHS

ESD: 8 kV-15 kV

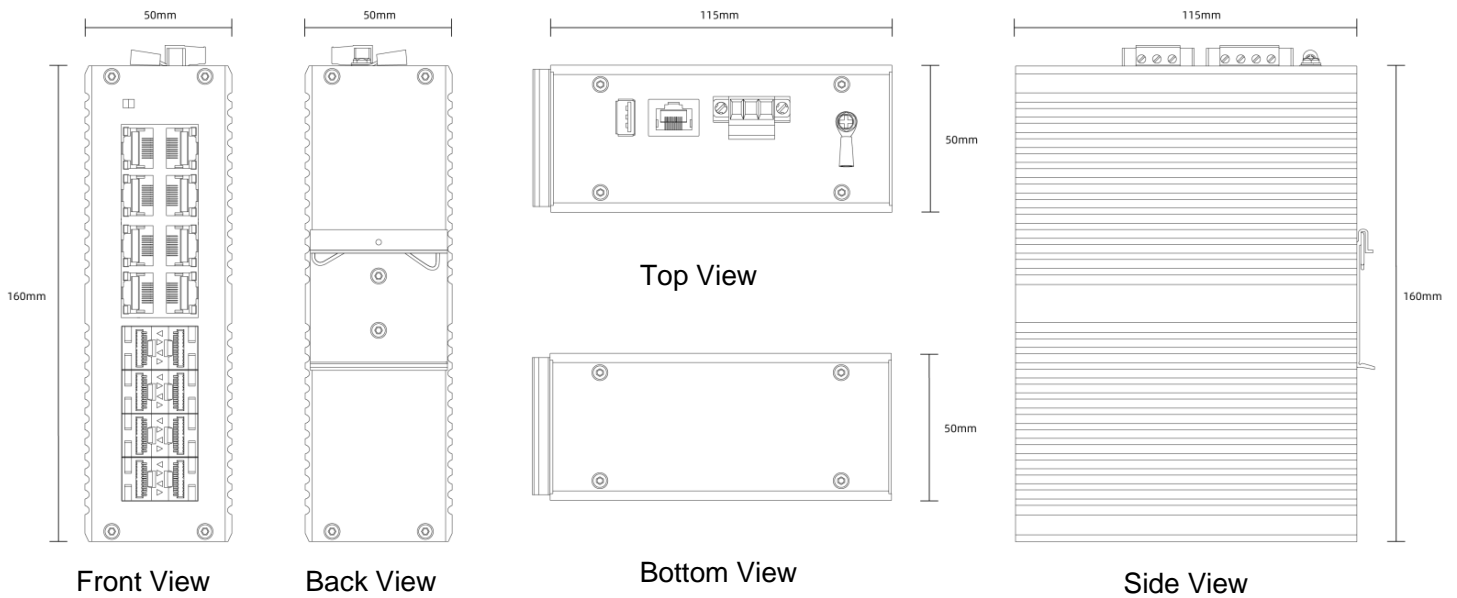
MTBF: 100000H

The XPTN-9000-77-8GX8GT-M features 8 x 10/100/1000BASE-T ports and 8 x 100/1000BASE-X SFP ports, which is designed especially for industrial application. Equipped with an IP40 rated metal enclosure, it can operate within a wide temperature range of -40 to 75°C (-40 to 167°F). This switch is ideal for harsh environments, such as traffic control cabinets, factory floors, and the outdoor places where temperature is extremely low or high.

The XPTN-9000-77-8GX8GT-M supports Layer 3 routing functionality to facilitate the deployment of applications across networks, making them ideal for large-scale industrial networks.

The XPTN-9000-77-8GX8GT-M's full Gigabit capability increases bandwidth to provide high performance and the ability to quickly transfer large amounts of video, voice, and data across a network. The fan-less switch supports the LACP and RSTP/STP redundancy technologies, and come with an isolated redundant power supply to increase system reliability and the availability of your network backbone.

Dimension



Hardware	
Ethernet Interface	8 x RJ45 100/1000Base-T 8 x 100/1000BASE-X 1 x RJ-45 Console 1 x USB Type A
Power Interface	1 x Terminal Block, 3-pin
LED Indicators	PWR, RUN, Link/ACT LED
Fan	Fan-less
Input Voltage	12 to 58VDC
Power consumption	20W
Dimensions (L x W x H)	160 x 50 x 50 mm
Weight	0.96 kg
Installation	DIN-Rail
Network Topology	
Ring Topology	Yes
Star Topology	Yes
Bus Topology	Yes
Spanning Tree Topology	Yes
Hybrid Topology	Yes
Layer 2 Switching	
Bandwidth	128G
Packet forwarding Rate	95.23Mpps

MAC address	16k
Buffer	12M
Forwarding delay	<10us
MDI/MDIX	Yes
VLAN	4K
GVRP	Yes
Protocol VLAN	Yes
Voice VLAN	Yes
Surveillance VLAN	Yes
MAC VLAN	Yes
Etherchannle/ 802 .3ad	Yes
LACP	Yes
Interface Speed	Yes
Duplex Mode	Yes
Flow Control	Yes
Jumbo Frame	10K
DHCP Client	Yes
SNTP Client	Yes
Port Statistics	Yes
Protected Ports	Yes
EEE	Yes
Ethernet Ring Protection	Yes
LLDP	Yes
LLDP 802.1 TLV	Yes
MSTP / RSTP / STP	Yes
STP BPDU Filter	Yes
STP BPDU guard	Yes
STP Port Fast	Yes
IGMP Snooping	Yes
MLD Snooping	Yes
MVR	Yes
Layer 3 Switching	
IPv4	Yes
IPv6	Yes
ARP	Yes
Loopback Interface	Yes

VRRP	Yes
RIP	Yes
OSPFv2	Yes
DHCP Server	Yes
DNS Server	Yes
Convergence	
ACL	Support MAC Standard and Extended ACL Support IPv4 Standard and Extended ACL Support IPv6 Standard and Extended ACL
QoS	Support QOS remarking Support port trust Support port speed limit Support export queue rate limit Support SP, WRR scheduling algorithm Support COS mapping, DSCP mapping, IP priority mapping
Management	
User Management	Yes
System Log	Yes
Upgrade Firmware	Yes
Configuration File Download/Upload	Yes
SNMP	SNMP V1/V2/V3
WEB	Yes
CLI	Yes
Telnet/SSH	Yes
RMON	Yes
Security	
Management Channel	Yes
AAA	Yes
802.1X	Yes
MAC-Based	Yes
WEB-Based	Yes
DoS	Yes
ARP	Yes
DHCP Snooping	Yes
IP Source Guard	Yes
Port Security	Yes

Protected Ports	Yes
Storm Control	Yes
Equipment diagnosis	
RAM log	Yes
Flash Log	Yes
Port Mirror	1:1; 1:M
Ping	Yes
Traceroute	Yes
Electrical Port Test	Yes
SFP Info	Yes
UDLD	Yes
Environment	
Operating temperature	-40°C ~+70°C
Storage temperature	-40°C ~+85°C
Relative humidity	5%~95% non-condensing
MTBF	100,000H
EMC & INGRESS PROTECTION	
Surge protection of Power	Line/line 4 kV, Lint/Earth 2 kV
Surge protection of Ethernet port	Line/line 4 kV, Lint/Earth 2 kV
ESD	Contact 8K, Air 15K
Free fall	0.5 m
Certifications	
Certifications	CE, RoHS, FCC
Warranty	
Warranty Period	5 years
Details	See www.scodenonet.com