XPTN-9000-85-4GX24GT-HR-V
Managed Industrial PoE Switch

Main Features:

Power input: DC 36~75V/ AC 100~240V 50/60Hz

Operate temperature：-40℃ ～ +75℃

Shell：IP40 protection level， fanless design

Test report：CCC/CE/FCC/RoHS

Anti-static：8KV-15KV
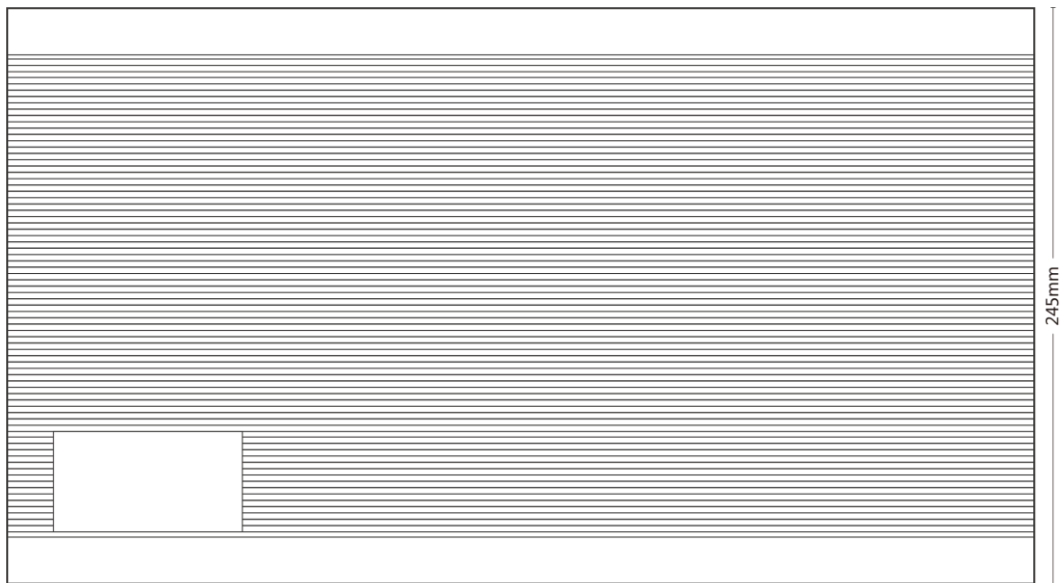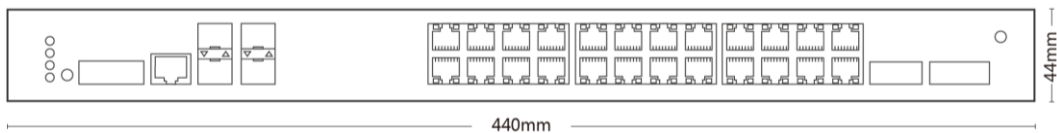
MTBF：100000hours

PRODUCT DESCRIPTION

Scodeno 4*10GBase-X, 24*10/100/1000Base-T, management industrial Ethernet switches, providing excellent industrial quality such as high/low temperature resistance, lightning protection, etc., through the design of fanless cooling circuit, wide range working environment temperature, high protection grade and other technologies. Besides, various rich protocols, such as integrated switching and security, support public Ethernet multi-ring protection technology (ERPS), greatly improve network flexibility and enhance the reliability and security of industrial networks. It can also meet the deployment requirements of rail transit, safe city, intelligent transportation, outdoor monitoring and other harsh environments.

Side view

Front view

PRODUCT PARAMETERS

Provider Mode Ports	
Fixed port	4*10G Base-X, 24*10/100/1000 Base-T
Management Port	Support console
Power interface	Phoenix terminal, dual power supply redundancy
LED Indicators	PWR，Link/ACT LED
Cable Type & Transmission Distance	
Twisted-pair	0-100m（CAT5e,CAT6)
Monomode optical fiber	20/40/60/80/100KM
Multimode optical fiber	550m
Network Topology	
Ring topology	Support
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	Support
Electrical Specifications	

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Input voltage	DC 36~75V/AC 100-240V 50-60HZ
Total Power consumption	<36W

Layer 2 Switching

Switching capacity	160G
Packet forwarding rate	95.23Mpps
MAC address table	16K
VLAN	Support 4K
Buffer	12M
Forwarding delay	<10us
MDX/MIDX	Support
Flow control	Support
Jumbo Frame	Support 10Kbytes
Spanning Tree	Support STP/RSTP/MSTP
Ring Protocol	Support ERPS
Link Aggregation	Support 12group
Multicast	Support IGMP Snooping
Port Mirroring	Support
Storm Control	Support
Interface Counters	Support
QINQ	Support
802.1X	Support
Radius/Mac authentication	Support
Port Isolation	Support
Rmon	Support
NTP client	Support
DHCP client	Support
DHCP snooping	Support
Ping/tracer detection	Support
Dying gasp	Support
Fiber module DDM	Support

Convergence

ACL	Support ACL 500 lines Support IP standard ACL Support MAC extended ACL Support IP extended ACL
QOS	Support QoS heavy markup, priority mapping； Support SP, WRR queue scheduling； Support inlet speed limit, exit speed limit； Support flow based QoS

Management

CLI	Support
Console	Support
Telnet	Support
WEB management	Support
SNMP	Support SNMPv1/v2c/v3
User Management	Support

System Log	Support
Configuration File Download/Upload	Support
Upgrade Firmware	Support

Environment

Operating temperature	-40℃~+75℃
	(The device is tested for 4 hours at temperatures in 85℃)
Storage temperature	-40℃~+75℃
Relative humidity	5%~95%　(non-condensing)
Thermal methods	Fanless design, natural cooling
MTBF	100,000 hours

Mechanical Dimensions

Product size	440*245*44mm
Installation Method	Rack mounted
Weight	3.6KG

EMC & Ingress Protection

IP Level	IP40
Surge protection of Power	IEC 61000-4-5　Level 3　(4KV/2KV)　(8/20us)
Surge protection of Ethernet port	IEC 61000-4-5　Level 3　(4KV/2KV)　(10/700us)
RS	IEC 61000-4-3　Level 3　(10V/m)
EFI	IEC 61000-4-4　Level 3　(1V/2V)
CS	IEC 61000-4-6　Level 3　(10V/m)
PFMF	IEC 61000-4-8　Level4　(30A/m)
DIP	IEC 61000-4-11　Level3　(10V)
ESD	IEC 61000-4-2　Level 4　(8K/15K)
Free fall	0.5m

Authentication

Authentication	CCC/CE/FCC/RoHS

Accessories

Accessories	Equipment, terminals, power adapter(optional), Instructions, product certification

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