

# Specification

**ETS**  
ENTA SOURCE CO., LTD.

ETN9075-4XG16GT



**4\*10GBase-X, 16\*10/100/1000Base-T  
Managed Industrial Switches**

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## Main Features

### **4\*10GBase-X, 16\*10/100/1000Base-T Managed Industrial Switches**

**Input Voltage:** DC12~58V(Non-PoE),

**Operating Temperature:** -40°C ~ +75°C

**Shell:** IP40 protection, fanless design

**Test Report:** CCC, RoHS, FCC, CE

**Anti-static:** 8KV-15KV

**MTBF:** 100000 Hours

## PRODUCT DESCRIPTION

The equipment is 4\*10GBase-X, 16\*10/100/1000 Base-T Managed Industrial Ethernet fast switch, through the fanless cooling circuit design, wide range working environment temperature, high protection level and other technologies, provide high / low temperature, lightning protection and other outstanding industrial quality, and integrated switching, safety and various rich protocols, simultaneously supported The public Ethernet multi ring protection technology (ERPS) has greatly enhanced the flexibility of the network and enhanced the reliability and security of the industrial network. It can meet the deployment requirements of rail transit, safe city, intelligent transportation, outdoor monitoring and other harsh environments.

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## PRODUCT PARAMETERS

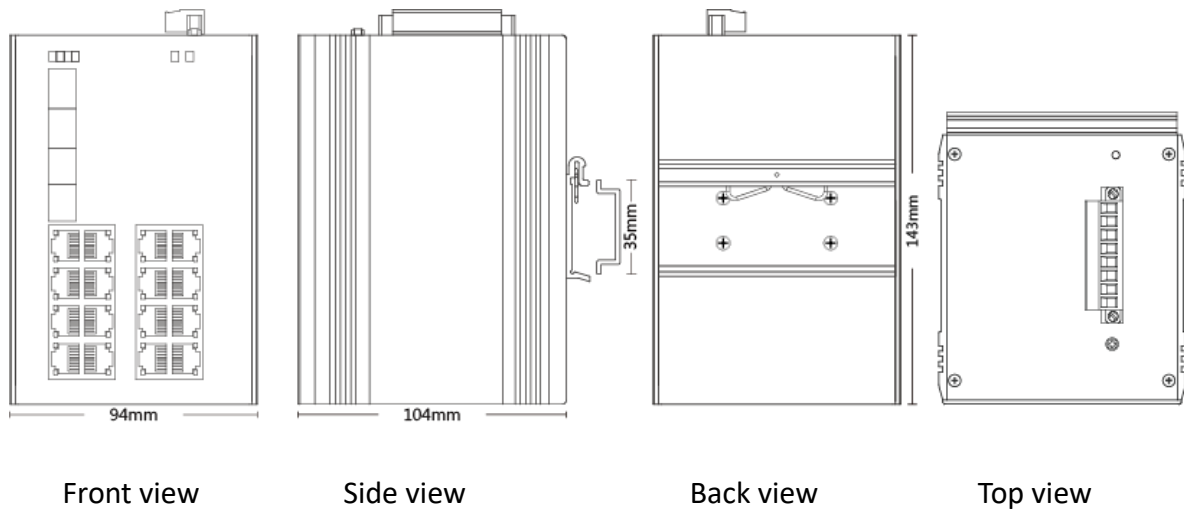
<b>Provider Mode Ports</b>	
Fixed port	4*10G Base-X, 16*10/100/1000 Base-T
Management Port	Support Console
Power interface	Phoenix terminal, dual power input
LED Indicators	PWR, Link/ACT LED
<b>Cable Type &amp; Transmission Distance</b>	
Twisted-pair	0-100m (CAT5e,CAT6)
Monomode optical fiber	20/40/60/80/100KM
Multimode optical fibre	550m
<b>Network Topology</b>	
Ring topology	Support
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	Support
<b>Electrical Specifications</b>	
Input voltage	DC12~58V(Non-PoE)
Total Power consumption	< 26W (Non-PoE)
<b>Layer 2 Switching</b>	
Switching capacity	128G
Packet forwarding rate	101.2Mpps
MAC address table	16K
VLAN	
Buffer	12M
Forwarding delay	<10us
MDX/MIDX	Support
Flow control	Support
Jumbo Frame	Support 4K
Spanning Tree	Support STP/RSTP/MSTP
Ring Protocol	Support ERPS
Link Aggregation	Support 12 group
Multicast	Support IGMP Snooping
Port Mirroring	Support 10Kbytes
Storm Control	Support
Interface Counters	Support
QINQ	Support
802.1X	Support
MAC Authentication	Support
Port Isolation	Support
RMON	Support
NTP Client	Support
DHCP CLIENT	Support
DHCP snooping	Support
Ping/tracert test	Support
Dying gasp	Support
DDM	Support

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<b>Convergence</b>		Support
ACL		Support ACL 500 Support IP standard ACL Support MAC expand ACL Support IP expand ACL
QoS		Support QoS re-marking, priority mapping Support SP, WRR queue scheduling Support egress rate-limited, egress rate-limit Support Policy-based QoS
<b>Management</b>		
CLI		
Console		Support
Management IP		Support IPv4/IPv6
Telnet/SSH		Support
WEB management		Support
SNMP		Support
User Management		Support
System Log		Support
Configuration File Download/Upload		Support
Upgrade Firmware		Support
		Support SNMPv1/v2c/v3
<b>Environment</b>		
Operating temperature		Non-PoE: -40°C~+75°C PoE: -40°C~+85°C
Storage temperature		-40°C~+85°C
Relative humidity		5%~95% (non-condensing)
Thermal methods		
MTBF		100,000 hours
<b>Mechanical Dimensions</b>		
Product size		94*104*143mm
Installation Method		Fanless, natural cooling
Weight		1KG
<b>EMC&amp;INGRESS PROTECTION</b>		
IP Level		IP40
Surge protection of Power		DIN-rail
Surge protection of Ethernet port		IEC 61000-4-5 Level 4 (4KV/4KV) (10/700us)
RSIEC 61000-4-3 Level 3 (10V/m)		
EFIIIEC 61000-4-4 Level 3 (1V/2V)		
CS		IEC 61000-4-6 Level 3 (10V/m)
PFMF		IEC 61000-4-5 Level X (6KV/6KV) (8/20us)
DIP		IEC 61000-4-11 Level 3 (10V)
ESD		IEC 61000-4-2 Level 4 (8K/15K)
Free fall		0.5m
<b>Authentication</b>		IEC 61000-4-8 Level 4 (30A/m)
Authentication		CCC/CE/FCC/RoHS
<b>Accessories</b>		
Accessories Device, Terminals, Specification, Certificate		
Adapter(optional)		

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## SIZE AND APPEARANCE



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