SW900-16GT-2S

Gigabit Industrial Ethernet Switches| Anti-static

MAIN FEATURES

Input Voltage: DC24V

Operating Temperature: -40℃ ～ +75℃

Shell: IP40 protection, fanless design

Test Report: CCC, RoHS, FCC, CE

Anti-static: 8KV-15KV

MTBF: 100000 Hour

PRODUCT DESCRIPTION

This device is Gigabit Industrial Ethernet Switches. Through the fanless heat dissipation circuit design, wide range of working environment temperature, high protection level and other technologies, it provides excellent industrial quality with high/low temperature resistance and lightning protection, and enhances the reliability and safety of industrial networks. It can better meet the deployment requirements of rail transit, safe city, intelligent transportation, outdoor monitoring and other harsh environments.
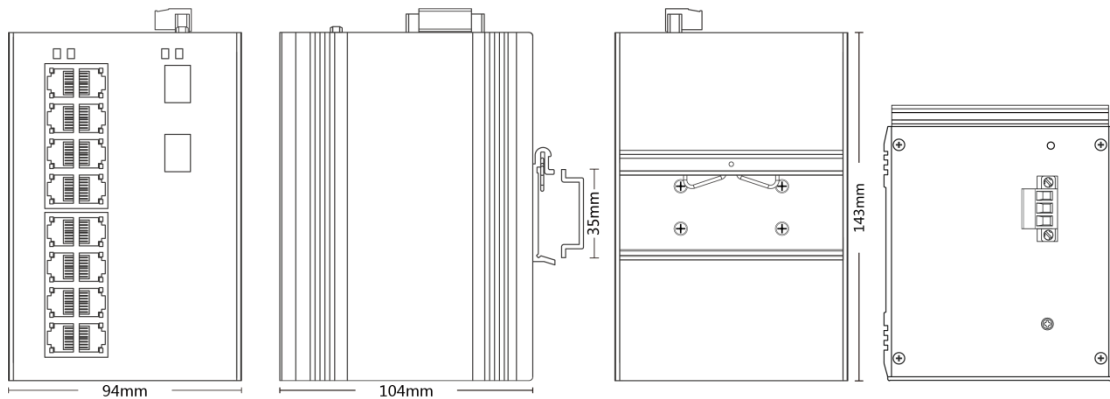
Scodena

PRODUCT PARAMETERS

Provider Mode Ports

Fixed port	2*1000 Base-X， 16*10/100/1000Base-T
Power interface	Phoenix terminal, redundant dual power supply
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	Unsupported
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	Support

Electrical Specifications

Input voltage	DC12-58V (Non-PoE)
Total Power consumption	<26W (Non-PoE)

Layer 2 Switching

Switching capacity	68G
Packet forwarding rate	50.59Mpps
MAC address table	16K
Buffer	12M
Forwarding delay	<10us
MDX/MIDX	Support
Flow control	Support
Jumbo Frame	Support 10K Bytes

Environment

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

Mechanical Dimensions

Product size	94*104*143mm
Installation Method	DIN rail
Weight	1KG around

EMC & Ingress Protection

IP Level	IP40
Surge protection of Power	IEC 61000-4-5 Level X（6KV/6KV）（8/20us）
Surge protection of Ethernet port	IEC 61000-4-5 Level X（4KV/4KV）（10/700us）
RS	IEC 61000-4-3 Level 3（10V/m）

Scodeno

EFI	IEC 61000-4-4　Level 3（1V/2V）
CS	IEC 61000-4-6　Level 3（10V/m）
PFMF	IEC 61000-4-8　Level 4（30A/m）
DIP	IEC 61000-4-11　Level 3　（10V）
ESD	IEC 61000-4-2　Level 4（8K/15K）
Free fall	0.5m
Authentication	
Authentication	CCC, CE, FCC, RoHS
Accessories	
Accessories	Device, Terminals, Specification, Certificate, power adapter

SIZE AND APPEARANCE

Front view　　　　Side view　　　　Back view　　　　Top view

Scodeno