

IES618

8 ports 10/100M Managed Industrial Ethernet Switch

Features

1. Support 8 RJ45 Ethernet ports
2. SW-Ring(recovery time < 20 ms at full load)
3. Port-based VLAN, IEEE 802.1Q VLAN to ease network planning
4. Support IEEE802.1p_QOS
5. Support IGMP, Port Trunking and Port mirroring function
6. Support WEB management, easy- to-use
7. Design for industrial Level 4 standard
8. IP 30 protection, rugged high-strength metal case
9. DIN-Rail or panel mounting



Introduction

IES618 is a type of WEB managed redundant Industrial Ethernet Switch, which support 8 10/100M Ethernet ports(RJ45), double power supply input and 1 route relay output. It supports SW-Ring patented technology (self-recovery time <20ms) to enhance the reliability of the network. What's more, IES618 supports several

network managements, such as 802.1QVLAN, QoS, IGMP, port trunking and port mirroring. It has got the certification of CE, FCC and Industrial level 4 standard. It can meet the requirement of each type of industrial environment with the temperature range of -40 to 75 °C.

Specification

Technology:

Standard: IEEE802.3、IEEE802.3u、IEEE802.3x、IEEE802.1Q、IEEE802.1p、IEEE802.1D、IEEE802.1W

Protocol: SW-Ring、STP/RSTP、QoS、VLAN、IGMP v1/v2/v3、SNMP v1/v2c、Telnet

Flow control: IEEE802.3x, back pressure control

Interface:

Ethernet port : 10Base-T/100Base-TX , RJ45, auto flow control, full/half duplex mode and MDI/MDI-X auto-connection

Console port: Based serial network management (RS-232), RJ45

Alarm output interface: 1 relay alarm output, 2 terminal blocks

Current carrying capability: 1A@30VDC

Processing Type: Store and Forward

System exchange bandwidth: 2.0G

Cache: 1Mbits

MAC address: 2K

Priority queue: 4

VLAN No.: 256

VLAN ID: 1~4094

IGMP Groups: 256

Indicator:

Run indicator: Run

Interface indicator: Link1~8

Power indicator: PWR1、PWR2

Alarm indicator: Alarm

Transmission Distance:

Double-twisted cable: 100M(standard CAT5/CAT5e cable)

Multi-mode fiber : 850nm, 2Km; 1310nm, 5Km

Single-mode fiber: 1310nm, 20Km; 1310nm, 40Km

1310nm, 60Km; 1550nm, 80Km

Power Supply:

Voltage input: 24VDC (12~48VDC)

Terminal Blocks: 4 cores 7.62mm terminal blocks

No-load power: 1.7W@24VDC

Full load power: 3.6W@24VDC

Support redundant protection

Support reverse polarity protection

Support overload current protection

Environment:

Operating Temperature: -40~75°C

Storage Temperature: -40~85°C

Relative Humidity: 10 to 95% (non-condensing)

Mechanical Structure:

Shell: IP30 protection, metal case

Installation: DIN-rail mounting

Weight: 800g

Dimension(W×H×D): 136 mm×52mm×105mm

Approvals

EMI: FCC Part 15, CISPR (EN55022) class A

EMS: EN61000-4-2 (ESD), Level 4

EN61000-4-3 (RS), Level 3

EN61000-4-4 (EFT), Level 4

EN61000-4-5 (Surge), Level 4

EN61000-4-6 (CS), Level 4

EN61000-4-8, Level 5

Shock: IEC60068-2-27

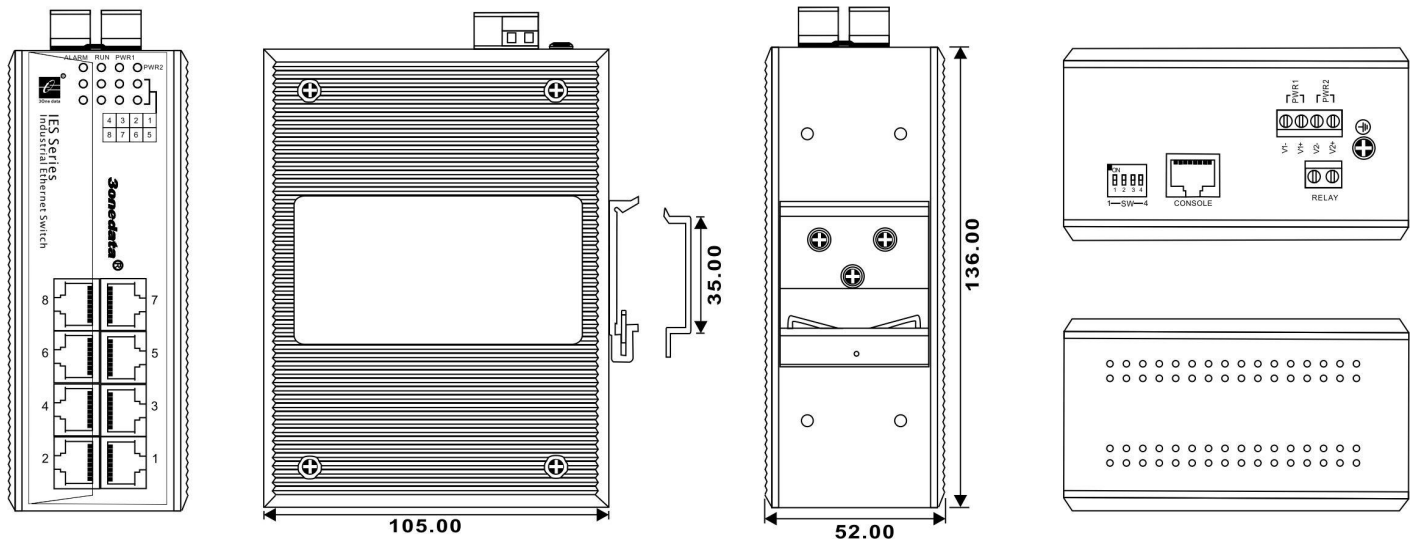
Free Fall: IEC 60068-2-32

Vibration: IEC60068-2-6

Warranty: 5 years

CE、FCC、RoHS、PAL、UL508

Dimension



Ordering Information

Model	Interface				Voltage Range
	100M TP port	100M Fiber port (SC/ST/FC)			
		Single mode	Single mode, single fiber	Multi-mode	
IES618	8	—	—	—	12~48VDC Support redundant protection