IES1028-4GS-20F

4-port 10/100M Ethernet+ 20-port 100Base-FX(SC/ST/FC)+

4-port Gigabit (SFP slot) Unmanaged Industrial Ethernet Switch

Features

- Support IEEE802.3, IEEE802.3u, IEEE 802.3x, IEEE802.3z
- Store and Forward switching process type
- Plug-and-play , auto MDI/MDI-X connection
- Support 8K MAC address
- 10/100BaseT(X)(RJ45)
- Operating temperature range from -40 to 75°C
- Designed without fan
- IP30, rugged high-strength metal case
- 19-inch rack mounting

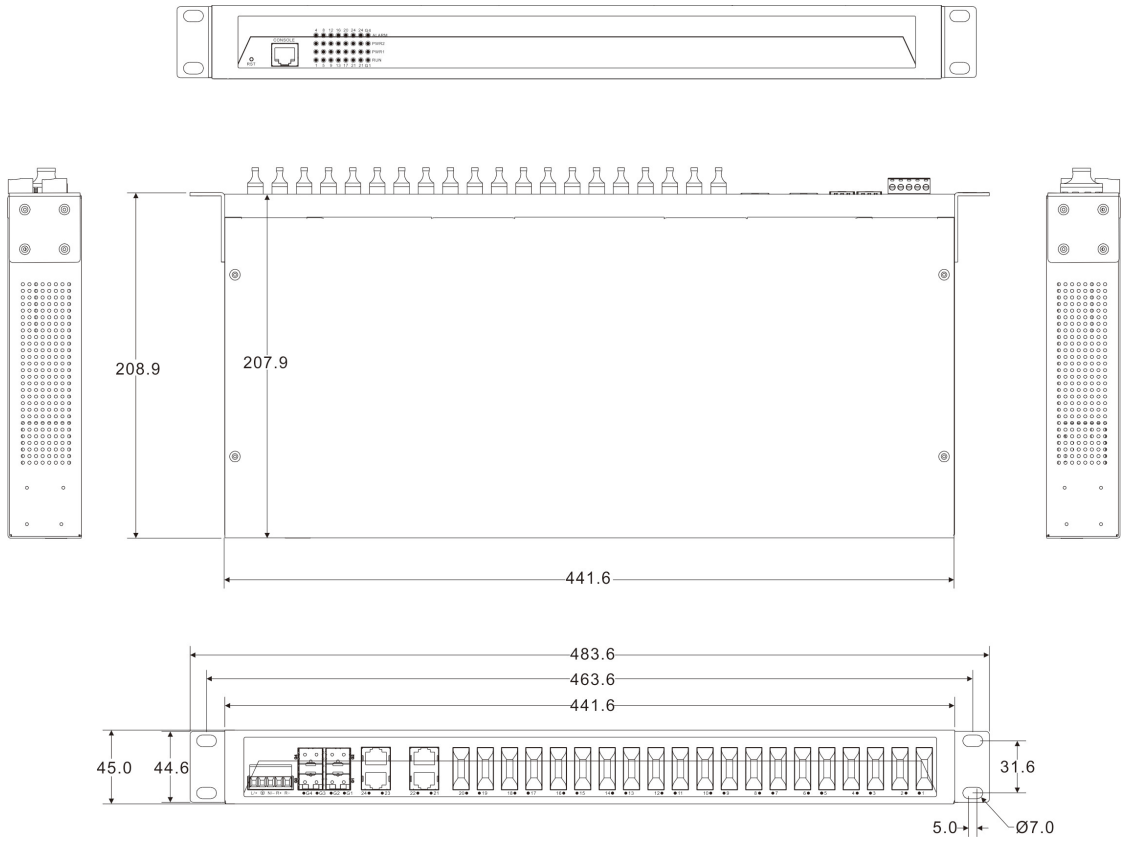


Introduction

The IES1028-4GS-20F industrial Ethernet switches consists of 4 Ethernet ports, 20 Fiber ports and 4 Gigabit (SFP slot) ports that provide an economical solution for your industrial Ethernet connection. The IES1028-4GS-20F switches have an operating temperature range of -40 to 75°C, and are designed with low consumption and without fan. The rugged hardware design makes the IES1028-4GS-20F perfect for ensuring that your Ethernet equipment can withstand the rigors of industrial applications.

Dimension

Unit (mm)



Specification

Technology

Standard: Support IEEE802.3, IEEE802.3u, IEEE 802.3x, IEEE802.3z

Flow control: IEEE802.3x flow control, back press flow control

Exchange attribute

100M forward speed: 148810pps

1000M forward speed: 1488100pps

Transmit mode: store and forward

System exchange bandwidth: 12.8G

MAC address table: 8K

Memory: 4M

Interface

Electric port: 10Base-T/100Base-TX auto speed control, Half/full duplex and MDI/MDI-X auto detect

100M optic fiber port: 100Base-FX, SC/ST/FC connector, support single mode (20/40/60/80Km optional), multi mode (2Km), wavelength: 1310nm, 1550nm

1000M fiber port: 1000Base-SX/LX/LHX/ZX（LC interface）

Console port: Retain

Alarm port: 2 bit terminal block

1 channel relay alarm output

Load ability: 5A@250VAC

Transfer distance

Twisted cable: 100M（ standard CAT5/CAT5e cable）

Multi-mode: 1310nm, 2/5Km

Single-mode: 1310nm, 20/40/60Km

1550nm, 80/100/120Km

LED indicator

Run indicator: Run

Interface indicator: Link (1~24/G1~G4)

Power supply indicator: PWR

Alarm indicator: Alarm

Power supply

Input Voltage: 100~240VAC

Overload Current Protection: 1.2A

Connection: 3 bit terminal block

Consumption

Unload consumption: 18.8W

Full load consumption: 23.1W

Working environment

Working temperature: -40～75℃

Storage temperature:-40～85℃

Relative Humidity: 5%~95 %(no condensation)

Mechanical Structure

Packaging: IP 30 protection, metal case

Installation: 19-inch racks mount

Dimensions (L×W×H): 441.6mm×208.9mm×45mm

Industry Standard

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

EN61000-4-4 (EFT), Level 4

EN61000-4-5 (Surge), Level 4

Certification

CE, FCC, RoHS, UL508 (Pending)

Warranty: 5 year

Ordering Information

IES1028-4GS-20F (M): 4 port 10/100Baes-T(X) + 20 port 100Base-FX Multi-mode SC/ST/FC + 4 port gigabit (SFP slot), 100-240VAC

IES1028-4GS-20F (S): 4 port 10/100Baes-T(X) + 20 port 100Base-FX Single-mode SC/ST/FC + 4 port gigabit (SFP slot), 100-240VAC

IES1028-4GS-20F (SS): 4 port 10/100Baes-T(X) + 20 port 100Base-FX single-mode, single fiber SC/ST/FC + 4 port gigabit (SFP slot), 100-240VAC

Packing List

1. Ethernet switch IES1028-4GS-20F (plus terminal block) × 1
2. User manual × 1
3. Certificate of quality × 1
4. Warranty card × 1
5. Power cable × 1