JHA-IGS48H Series

13-port Unmanaged Industrial Ethernet Switch, with 4 1000Base-X SFP Slot and 8 10/100/1000Base-T(X) Ethernet Port

Features

- Support 4 1000Base-X SFP Slot and 8 10/100/1000Base-T(X) Ethernet port.
- Support IEEE802.3, IEEE802.3u, IEEE802.3x.
- Plug-and-play,10/100/1000Base-T(X), full/half duplex, MDI/MDI-X auto-adaptation.
- Industrial chip design, 15kV ESD protection, 8kV surge protection.
- DC10-58V redundancy power, reverse polarity protection.
- Industrial grade 4 design, -40-85°C operating temperature.
- IP40 rated aluminum alloy housing, DIN-Rail mounted.
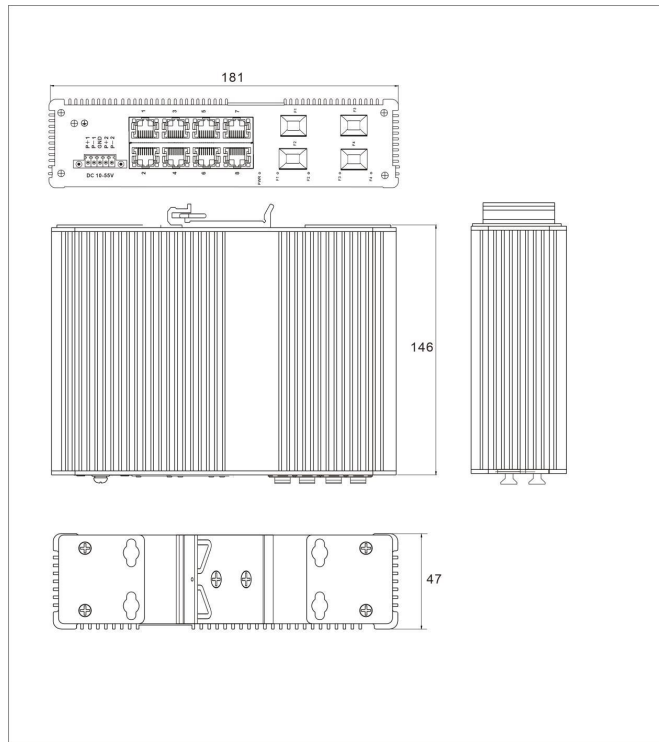
Introduction

JHA-IGS48H is a plug-and-play unmanaged industrial Ethernet switch, which can provide economical solution for your Ethernet. Its dust-proof fully sealed structure(IP40 protection grade), over-current, over-voltage and EMC protected, redundant double power input as well as built-in intelligent alarm design can help system main tenancy personnel monitor the network operation, which can work reliably in harsh and dangerous environment.

JHA-IGS48H support 4 1000Base-X SFP Slot and 8 10/100/1000Base-T(X) Ethernet port. It support CE, FCC, RoHS standard, rugged high-strength metal case, power input (DC10-58V). The switch support IEEE802.3, IEEE802.3u, IEEE802.3x with 10/100Base-T(X), full/half-duplex, and MDI/MDI-X auto-adaptation, the -40-85℃ operating temperature can meet all kinds of industrial environment requirement, providing reliable and economic solution for your industrial Ethernet network.

Specification

Protocol Standard	IEEE802.3, IEEE802.3u, IEEE802.3x
Flow Control	IEEE802.3x flow control, back press flow control
Switching Performance	VLAN support and quantity:Support 4096 VLAN IDs Transmission Mode: Store and Forward Packet forwarding rate:147.8Mpps Backplane Bandwidth: 24Gbps MAC Table Size:16K Delay Time: < 10μs
Ethernet Port	10/100/1000Base-T(X) auto speed control, full/half duplex and MDI/MDI-X auto-adaptation
Fiber Port	1000Base-X SFP Slot
LED Indicator	Power indicator: PWR (green); Optical port: FX (green); Network port indicator: yellow(100 or POE) Green (Link)
Power Supply	Input Voltage: DC10-58V/AC 100-240V 50-60HZ Connector: 5P Phoenix terminal, dual power supply redundancy Full Load: <10W Protection Mechanism: overload protection, reverse connection protection, redundancy protection
Mechanical Structure	Shell: IP40 protection, aluminum alloy housing Dimension: 158*118*24mm(L*W*H) Weight: 0.75KG Installation: DIN-Rail mounting, wall mounting
Operating Environment	Operating Temperature: -40-85°C Storage Temperature: -40-85°C Ambient Relative Humidity: 5%-95% (non-condensing)
Industry Standards	IEC 61000-4-5 Level 3 (4KV/2KV) (8/20us) IEC 61000-4-5 Level 3 (6KV/2KV) (10/700us) IEC 61000-4-3 Level 3 (10V/m) IEC 61000-4-4 Level 3 (1V/2V) IEC 61000-4-6 Level 3 (10V/m) IEC 61000-4-8 Level4 (30A/m) IEC 61000-4-11 Level3 (10V) EMI CLASS A IEC 61000-4-2 Level 4 (15KV/30KV) Free fall 0.5m
Certification	CE, FCC, RoHS
MTBF	>100,000 Hours
Warranty	5-years

Dimension

Order Information

Model No.	Description of Goods
JHA-IG48H	Unmanaged Industrial Ethernet Switch,4 1000Base-FX and 8 10/100/1000Base-T(X), SC Connector, Multimode, Dual Fiber, 2Km, DIN-Rail, DC10-58V, -40-85°C Operating Temperature
JHA-IGS48H-20	Unmanaged Industrial Ethernet Switch, 4 1000Base-FX and 8 10/100/1000Base-T(X), SC Connector, Single Mode, Dual Fiber, 20Km, DIN-Rail, DC10-58V, -40-85°C Operating Temperature
JHA-IG48WH-20	Unmanaged Industrial Ethernet Switch,4 1000Base-FX and 8 10/100/1000Base-T(X), SC Connector, Single Mode, Single Fiber, 20Km, DIN-Rail, DC10-58V, -40-85°C Operating Temperature
JHA-IGS48H	Unmanaged Industrial Ethernet Switch, 4 1000Base-X SFP Slot and 8 10/100/1000Base-T(X), DIN-Rail, DC10-58V, -40-85°C Operating Temperature

Fiber Connector: SC/ST/FC/LC(SFP Slot), Single Mode/Multimode, Dual Fiber/Single Fiber, 2Km/20Km/40Km/60Km/80Km/100Km/120Km is Optional.

Power Supply: DC24V DIN-Rail Power Supply or Power Adapter is Optional.