

## JHA-IG024D Series

24-port Unmanaged Industrial Ethernet Switch, with 24 10/100/1000Base-T(X)

Ethernet Port

### Features



- Support 24 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.
- DC12~58V redundancy power, reverse polarity protection.
- Industrial grade 4 design, -40-85° C operating temperature.
- IP40 rated aluminum alloy housing, rack mount.

### Introduction

JHA-IG024D 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-IG024D support 24 10/100/1000Base-T(X) Ethernet port. It support CE, FCC, RoHS standard, rugged high-strength metal case, power input (DC12~58V). The switch support IEEE802.3, IEEE802.3u, IEEE802.3x with 10/100/1000Base-T(X), full/half-duplex, and MDI/MDI-X auto-adaptation, the -40-85 °C operating temperature can meet all kinds of industrial environment requirement, providing reliable and economic solution for your industrial Ethernet network.

## Specification

<b>Protocol Standard</b>	IEEE802.3, IEEE802.3u, IEEE802.3x
<b>Flow Control</b>	IEEE802.3x flow control, back press flow control
<b>Switching Performance</b>	Forwarding Rate: 26.8Mpps Transmission Mode: Store and Forward Packet Buffer Size: 4.1M Exchange capacity:56G MAC Table Size: 8K Delay Time: <10μs
<b>Ethernet Port</b>	10/100/1000Base-T(X) auto speed control, full/half duplex and MDI/MDI-X auto-adaptation
<b>Fiber Port</b>	1000Base-X SFP Slot
<b>LED Indicator</b>	Power indicator: PWR (green); Optical port: FX (green); Network port indicator: yellow(1000 or POE) Green (Link)
<b>Power Supply</b>	Input Voltage: DC102-58V Connector: 6 bit 5.08mm removable terminal block Full Load: <10W Protection Mechanism: overload protection, reverse connection protection, redundancy protection
<b>Mechanical Structure</b>	Shell: IP40 protection, aluminum alloy housing Dimension: 181*146*47mm( L*W*H ) Weight: 1KG Installation: DIN-Rail mounting, wall mounting
<b>Operating Environment</b>	Operating Temperature: -40-85°C Storage Temperature: -40-85°C Ambient Relative Humidity: 5%-95% (non-condensing)
<b>Industry Standards</b>	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) CLASS A IEC 61000-4-2 Level 4 (15KV/30KV) Free fall 0.5m
<b>Certification</b>	CE, FCC, RoHS
<b>MTBF</b>	>100,000 Hours
<b>Warranty</b>	5-years

### Order Information

Model No.	Description of Goods
JHA-IG024D	Unmanaged Industrial Ethernet Switch, 24 10/100/1000Base-T(X),DIN-Rail, DC12-58V, -40-85° C Operating Temperature
DC24V DIN-Rail Power Supply or Power Adapter is Optional.	