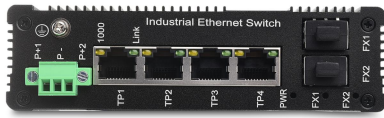# JHA-MIGS24H-WEB Series

6-port Smart WEB Managed Industrial Ethernet Switch, with 2 1000Base-X SFP Fiber Port and 4 10/100/1000Base-T(X) Ethernet Port

Features

■Support 2 1000Base-X SFP Port and 4 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.

■DC10-55V redundancy power, reverse polarity protection.

■Industrial grade 4 design, -40-85°C operating temperature.

■IP40 rated aluminum alloy housing, DIN-Rail mounted.

Introduction

JHA-MIGS24H-WEB is a smart Web managed 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-MIGS24HP-WEB support 2 1000Base-X SFP fiber port and 4 10/100/1000Base-T(X) Ethernet port. It support CE, FCC, RoHS standard, rugged high-strength metal case, power input (DC10-55V). 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.
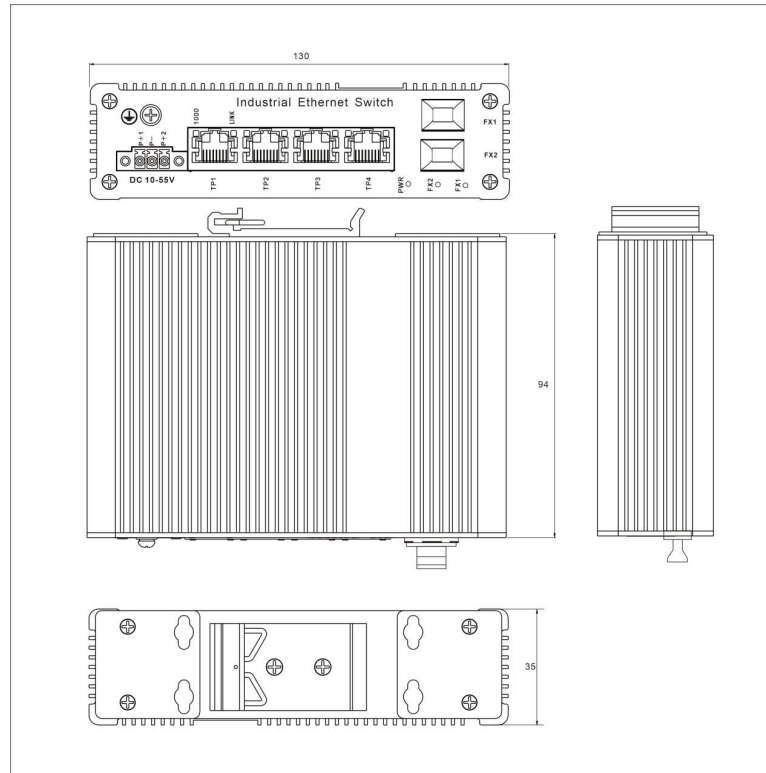
Specification

Fixed port	4 10 / 100 / 10000base TX RJ45 ports (data) 2 x 1000m SFP 1 reset* restore factory configuration button
Port characteristics	10 / 100 / 1000baset (x) automatic detection, full / half duplex MDI / mdi-x adaptive
Function switch	DUMP： Common network sharing WEB: SMART WEB management
Forwarding mode	Store and forward (full line speed)
backplane bandwidth	12Gbps （No blocking）
Packet forwarding rate	8.93Mpps
MAC address	Support 4K
Cache	32K
Network protocol	IEEE 802.3,802.3i,802.3u,802.3x,802.3ab,802.3z
Twisted pair transmission	10BASE-T ： Cat3,4,5 UTP(≤250 meter) 100BASE-TX ： Cat5 or later UTP(150 meter) 1000BASE-TX ： Cat6 or later UTP(150 meter)
LED indicator	Power: power indicator 5 6: (optical port connection indicator) 1-4Port: (Gree:Link ; Orange:1000M Speed)
Overall power consumption	Full load maximum 5W
Supporting power supply	DC10-55V/AC 100-240V 50-60HZ
Operating temperature / humidity	-40～+85°C；5%～90% RH No condensation
Storage temperature / humidity	-40～+85°C；5%～95% RH No condensation
Product size	130*94*35mm
Net weight	0.75kg
Installation mode	Desktop type (optional with wall hanging + rack lug accessories)
Lightning protection / protection grade	Port lightning protection: 3KV 8 / 20us; Protection grade: IP30
PoE Support(Optional)	PoE ports:1-4
	PoE protocol:802.3af, 802.3at
	PoE pin assignment:1,2,3,6
	PoE Power:DC48-55V
Safety certification	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 61000-4-2 Level 4 (15KV/30KV) 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
	Free fall 0.5mCE mark, commercial；CE/LVD EN60950；
	FCC Part 15 Class B；RoHS；
Warranty period	Complete machine 5 year (excluding accessories)

Software function list	
port configuration	Support port on / off
	Support port flow control
	Support port rate control
	Support port name customization
Layer 2 switching	Support port address dynamic learning
	Support port aggregation
	IGMP V1 / V2 support
Port Mirror	Support traffic statistics
	Support local entrance / exit monitoring
	Support loopback detection and loop blocking
VLAN	Support 802.11Q VLAN、MTU VLAN、Port VLAN
Service quality（Q0S）	Supports 4 port queues
	Support port priority, 802.1p priority and DSCP priority
	Support port bandwidth control, port isolation, storm suppression, loop
	Support mega frame configuration
	Support, MAC limit
PoE management	Connected device power consumption, PoE on and off
system management	Support management through web pages
System tools	Support software upgrade
	Support configuration backup and recovery
	Support system restart and software reset

Dimension

Order Information

Model No.	Description of Goods
JHA-MIGS24H-WEB	Web Managment Industrial Ethernet Switch, 2 1000Base-X SFP Slot, and 4 10/100/1000Base-T(X), DIN-Rail, DC10-58V, -40-85°C Operating Temperature
JHA-MIGS24HP-WEB	Web Managment Industrial PoE Switch, 2 1000Base-X SFP Slot and 4 10/100/1000Base-T(X) PoE/PoE+ , DIN-Rail, DC48-58V, -40-85°C Operating Temperature(1-4 port BT optional)
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.	
DC48V DIN-Rail Power Supply or Power Adapter is Optional(for PoE switch)	