

JHA-MIGS1212H Series

24-port Managed Industrial Ethernet Switch, with 12 1000Base-X SFP Slot and 12 10/100/1000Base-T(X) Ethernet Port

Features



- Support 12 1000Base-X SFP slot and 12 10/100/1000Base-T(X) Ethernet port.
- Support STP/RSTP/MSTP production tree protocol, eliminate layer two loop, realize link backup.
- Support IEEE 802.1Q VLAN, users can flexibly divide VLAN according to their needs, support Voice VLAN, and support QinQ configuration.
- Support IGMP V1/V2 multicast protocol, support IGMP Snooping, meet multi-terminal high-definition video
- 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-MIGS1212H is a high performance, cost-effective high-end Layer 3 industrial Ethernet switch. The switch provides 12 10/100/1000Base-T(X) Ethernet port and 12 1000Base-X SFP slot. It Support WEB management, VLAN, QoS, SNMP, IGMP snooping and other network functions; Support Ethernet fast ring network protection former STP/RSTP/MSTP spanning tree ring network; Industrial-grade three-level ESD protection is suitable for many occasions, such as Intelligent transportation, outdoor surveillance, industrial networks, safe cities, and other harsh environments require deployment in this product while adopting a fanless, low power consumption, industrial-grade design, and an operating temperature range of -40 to 85°C, which can meet various industrial site requirements.

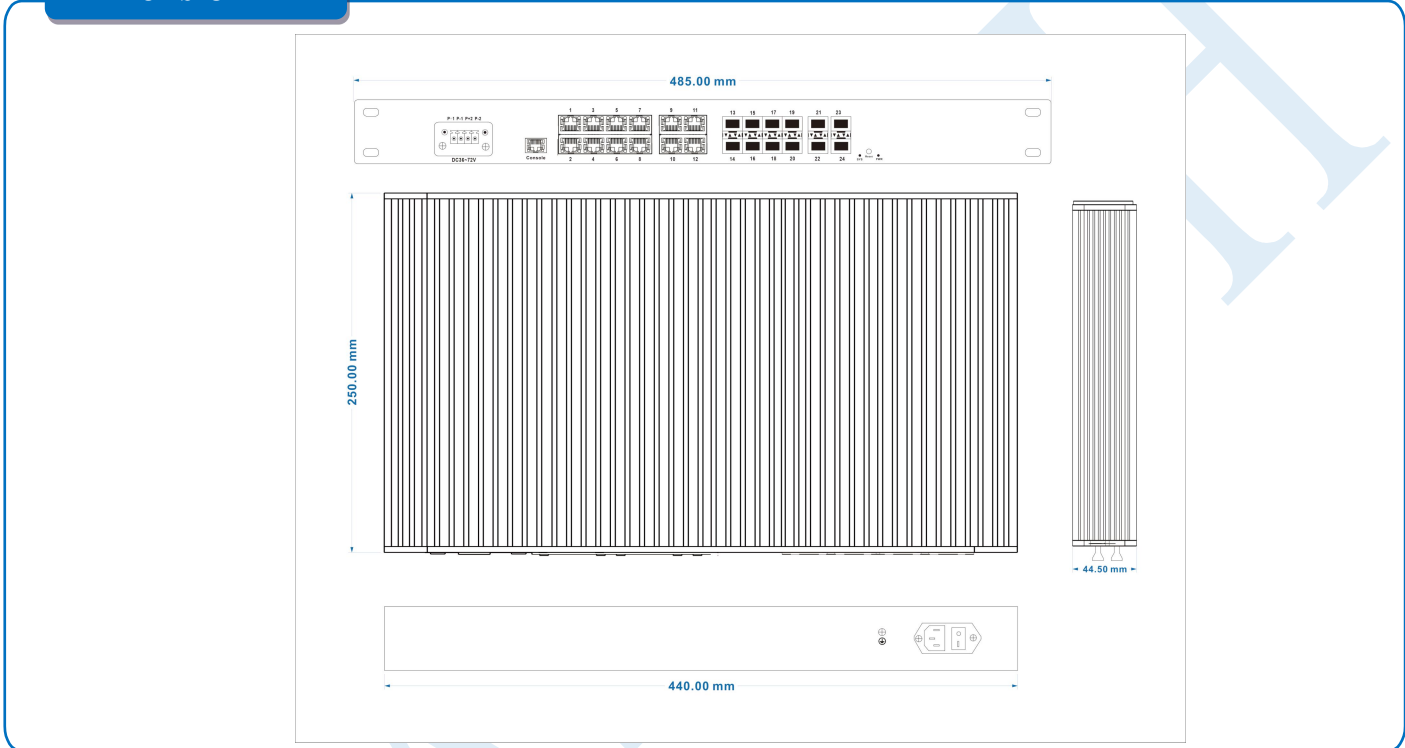
Specification

Interface	
Fiber Port	12*100/1000Base-X SFP
Ethernet Port	12*10/100/1000 Base-T
Manage Port	1*RJ45 Console port
Power connector	4P Phoenix terminal, dual power supply redundancy, 100-240VAC input
LED Indicator	PWR (green); System indicator: SYS (green); Network indicator: Speed (green) Link (yellow), optical port L/A (green)
Cable type and distance	
Twisted pair cable	0-100m (CAT5e, CAT6)
Single-mode fiber	20/40/60/80/100KM
Multimode fiber	550m/2KM
Optical fiber interface	LC/SC
Network topology & scale	
Ring topology	Support
Star topology	Support
Bus topology	Support
Tree topology	Support
Hybrid topology	Support
Electrical characteristics	
Input voltage	DC36~72V/AC 100-240V 50-60HZ
Power consumption	Non-POE full load (Total power) <70W
L2 Features	
Exchange capacity	128G
Packet forwarding rate	95.23Mpps
MAC address table	16K
VLAN support and quantity	Support 4K
Report buffer	12M
Forwarding delay	<10us
Port characteristics	Cross-connect and direct-adaptive
Flow control	Support
Jumbo frame support	Support 10Kbytes
Spanning Tree Protocol	Support STP/RSTP/MSTP
Ring network protocol	Support ERPS
Link aggregation	Support 12 groups
Multicast	Support IGMP Snooping
Port mirroring	Support

Storm suppression	Support
Port traffic statistics	Support
Port flow system	Support
QINQ	Support
Protection	Shell: IP40 protection, aluminum alloy housing 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
Convergence Service	
ACL	Support 500 ACLs; Support IP standard ACL; Support MAC extended ACL; Support IP extended ACL;
QoS	Support QoS re-marking and priority mapping; Support SP, WRR queue scheduling; Support entry speed limit and exit speed limit; Support flow-based QoS
Management function	
Command line	Support
Management serial port	Support
Telnet	Support
WEB management	Support
SNMP	Support SNMPv1/v2c
User management	Support
System log	Support
File upgrade	Support
Firmware upgrade	Support
SFP module DDM	Support
Environmental conditions	
Working temperature	-40℃~+85℃
Storage/transport temperature	-40℃~+85℃
Relative humidity	5%~95% does not support condensation (non-condensing)
Cooling method	No fan design, natural heat dissipation
Working temperature	-40℃~+85℃

Mechanical structure	
Size	440X250X44.5mm
Installation method	1U 19" Rack Mount Installation
Weight	3.5KG

Dimension



Order Information

Model No.	Description of Goods
JHA-MIGS1212H	Managed Industrial Ethernet Switch, 12 1000Base-X SFP Slot and 12 10/100/1000Base-T(X), 1U 19" Rack Mount Installtion, DC36~72V, -40-85° C Operating Temperature