Industrial Managed Protocol Switch

JetLink 2308 Managed Switch w/ PROFINET
JetLink 2308M Managed Switch w/ PROFINET MRP Master

Feature:

- 8 ports 10/100 Base-T Fast Ethernet RJ-45
- Supports PROFIENT Protocol for Factory Automation
- Meet PROFINET RT(Real-time) standard
- PROFINET Class B
- GSDML files available
- SNMP v1/v2c/v3, WEB, Standard MIB, Private MIB
- Layer 2 Network Performance – Port based VLAN, GVRP, IGMP Snooping v1/v2/v3, MLD Snooping, Storm Control, Link Aggregation
- Layer Security: Static, Dynamic, MAC address filtering
- Software Feature: TFTP, HTTP, Dual Image
- JetLink Ring: High-speed recovery time less than 20ms
- Wide Temperature design -40~75ºC
- Dual 12-48V Wide Power Input
- IP 30 Metal Case Protection

Layer 2 **Factory** **Wide Temp** **Dual Power**

Overview

JetLink 2308 and JetLink 2308M are new generation of entry-level managed switch products.
They support media redundancy protocol master and meet the PROFINET real time standard.
The devices come with a compact metal housing that is IP30 rated to protect against dusty industrial environments. The wide power input power (12 to 48 VDC) and wide temperature (-40~75ºC) design are dedicated to operating in areas of unstable power and rugged environments.
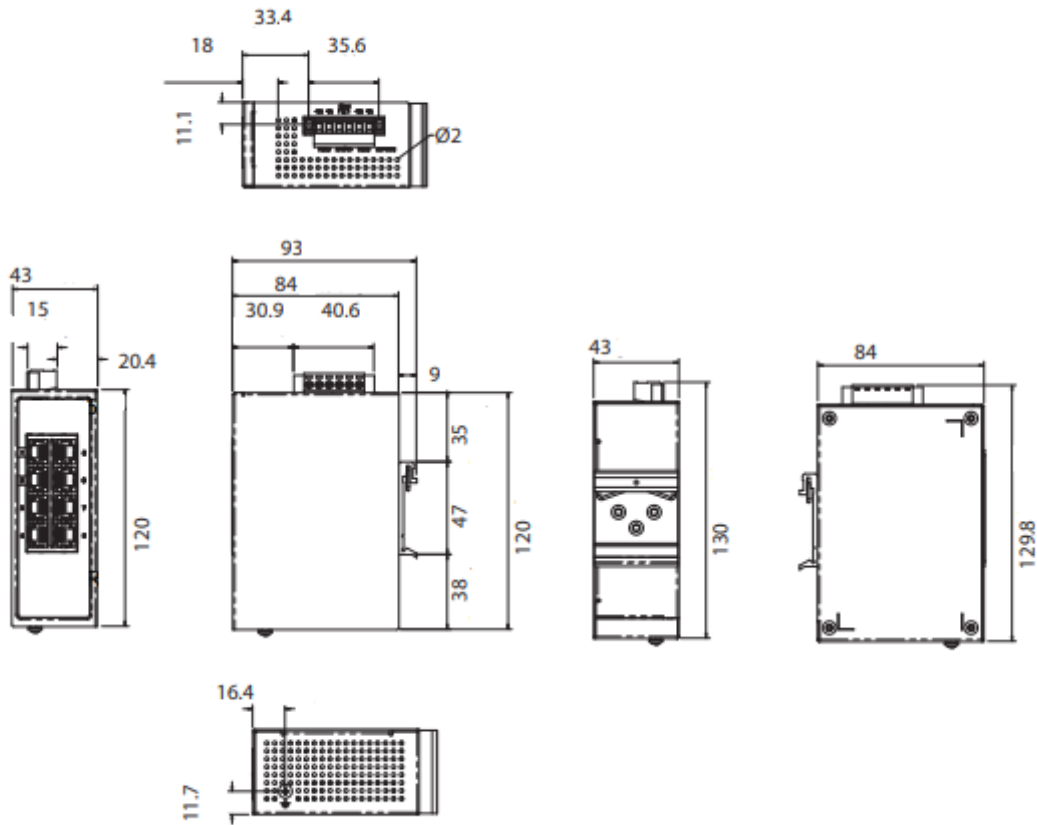

PLC

JetLink 2308
JetLink 2308M

Dimension

Specification

Technology	
Standard	IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE802.3x flow control and back-pressure. IEEE802.1p Class of Service IEEE802.1D Spanning Tree Protocol (STP) IEEE802.1w Rapid Spanning Tree Protocol (RSTP) IEEE802.1s Multiple Spanning Tree Protocol (MSTP) IEEE802.1p class of service IEEE802.1X Port based Network Access Control IEEE802.3AD Link Aggregation Protocol (LACP) IEEE802.3az Energy Efficient Ethernet IEEE802.1Q Quality of Service
Performance	
Forwarding Technology	Store and Forward Technology 1.6Gbps with Non-Blocking Switch Fabric
System Throughput	1.5MBytes shared memory for packet buffer with intelligent memory management unit for burst data traffic
MAC Address	8k
Jumbo Frame	9216Bytes
Event Alarm	Configurable relay alarm output for port or power events
Class of Service	4 queues for each port with 8:1 forwarding scheme for High/Low queue
Quality of Service	Supports Tag based packet priority, IPv4 ToS and IPv6 DSCP

Interface	
Ethernet Port – RJ-45	8 x 10/100 Base-TX
Connectors	10/100Base-TX: RJ-45 Terminal block: 4-Pin for redundant power input; 2-Pin for alarm relay output.
Cables	RJ-45 Connector: 4 pairs of Cat-5e UTP/STP cable Maximum link distance is 100meters.
Diagnostic LEDs	System: - 2 x Power: On (Power On), Off (Power Off) - 1 x Alarm: On (Disconnect), Off (Connected) - 1 x Status: On (Loop), Off (Non-Loop)
Power Connector	Removable Terminal Block: 12-48V power Input
Power Requirement	
Power	Removable Terminal Block: 12-48V power Input Power input with polarity reverse correction and over current protection.
Power Consumption	8 Watts / DC 24V
Mechanical	
Enclosure Protection	Ingress Protection code – 30
Case	Slim metal case
Mounting	DIN Rail
Dimension	84(D) X 43(W)x 120(H) mm (Without Din-rail kit)
Weight	0.6 kg without package
Environmental	
Operating Temperature	-40℃~75℃
Operating Humidity	10% ~ 95% non-condensing
Storage Temperature	-40℃~85℃
Storage Humidity	10%~ 95% non-condensing
Approvals	
EMI	CE/EN 55032 class A, FCC Class A, EN 61000-3-2 :2014, EN 61000-3-3, EN 61000-6-4
EMS	CE/ EN 55024, EN 61000-6-2, IEC 61000-4-2,IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11
Safety	UL508, Class 1 Division 2, ATEX (Compliance)
Shock	IEC60068-2-27 (Compliance)
Vibration	IEC60068-2-6 (Compliance)
Free Fall	IEC60068-2-32 (Compliance)
MTBF	4,177,000 hours
Ordering Information	
JetLink 2308/ JetLink 2308M	Industrial 8FE Managed Ethernet Switch support PROFINET(Slave) Industrial 8FE Managed Ethernet Switch support PROFINET MRP Master
Includes	1 x JetLink 2308/JetLink2308M 1 x DIN Rail Kit