

**JETLINK**
**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 PROFINET 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 -40~75°C
- Dual 12-48V Wide Power Input
- IP 30 Metal Case Protection


**Layer 2**

**Factory**

**Wide Temp**

**Dual Power**
**Overview**

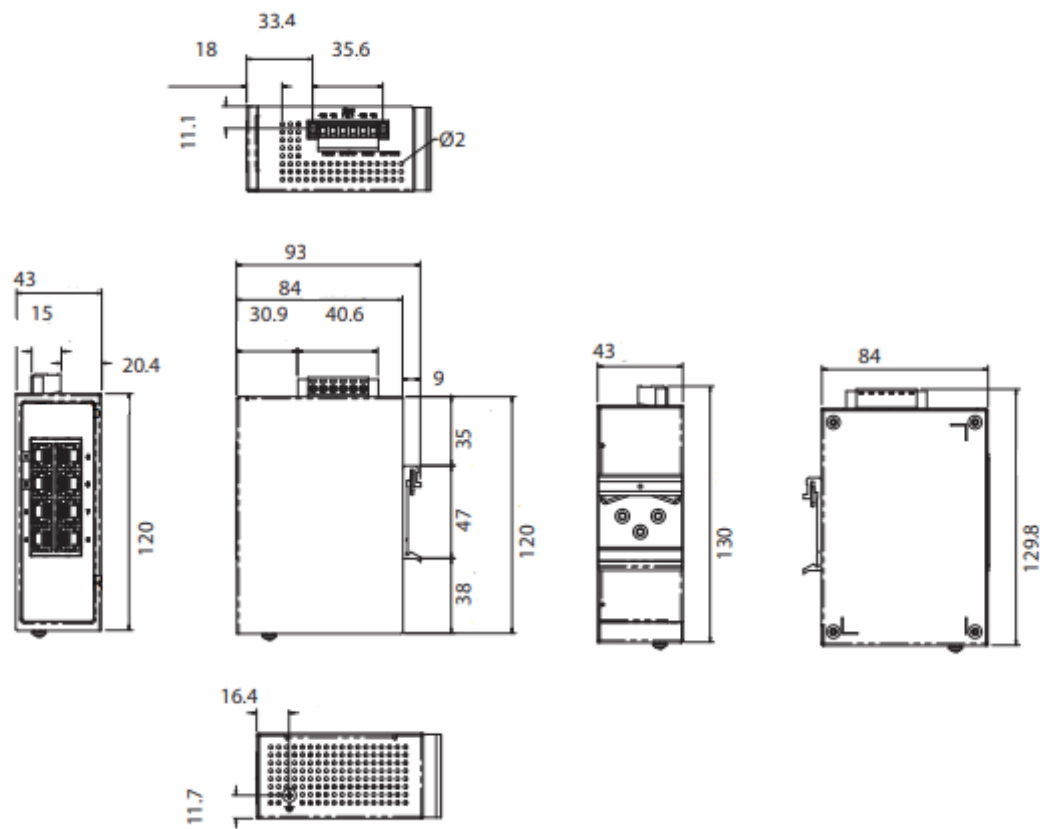
JetLink 2308 and JetLink 2308M are new generation of entry-level managed switch products. They support media redundancy protocol master and meet the PROFINET real time standard. The devices come with a compact metal housing that is IP30 rated to protect against dusty industrial environments. The wide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


**SIEMENS**

**PLC**
**korenix**  
 A Beijer Electronics Group Company

**JetLink 2308**
**JetLink 2308M**

Dimension



Specification

| Technology            |   |
|-----------------------|---|
| Standard              | IEEE802.3 10Base-T<br>IEEE802.3u 100Base-TX<br>IEEE802.3x flow control and back-pressure.<br>IEEE802.1p Class of Service<br>IEEE802.1D Spanning Tree Protocol (STP)<br>IEEE802.1w Rapid Spanning Tree Protocol (RSTP)<br>IEEE802.1s Multiple Spanning Tree Protocol (MSTP)<br>IEEE802.1p class of service<br>IEEE802.1X Port based Network Access Control<br>IEEE802.3AD Link Aggregation Protocol (LACP)<br>IEEE802.3az Energy Efficient Ethernet<br>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  |

|  |  |
|--|--|
| <b>Interface</b>                       |  |
| <b>Ethernet Port - RJ-45</b>           | 8 x 10/100 Base-TX   |
| <b>Connectors</b>                      | 10/100Base-TX: RJ-45<br>Terminal block: 4-Pin for redundant power input; 2-Pin for alarm relay output.   |
| <b>Cables</b>                          | RJ-45 Connector: 4 pairs of Cat-5e UTP/STP cable<br>Maximum link distance is 100meters.  |
| <b>Diagnostic LEDs</b>                 | System:<br><ul style="list-style-type: none"> <li>- 2 x Power: On (Power On), Off (Power Off)</li> <li>- 1 x Alarm: On (Disconnect), Off (Connected)</li> <li>- 1 x Status: On (Loop), Off (Non-Loop)</li> </ul> |
| <b>Power Connector</b>                 | Removable Terminal Block: 12-48V power Input   |
| <b>Power Requirement</b>               |  |
| <b>Power</b>                           | Removable Terminal Block: 12-48V power Input<br>Power input with polarity reverse correction and over current protection.  |
| <b>Power Consumption</b>               | 8 Watts / DC 24V   |
| <b>Mechanical</b>                      |  |
| <b>Enclosure Protection</b>            | Ingress Protection code - 30   |
| <b>Case</b>                            | Slim metal case  |
| <b>Mounting</b>                        | DIN Rail   |
| <b>Dimension</b>                       | 84(D) X 43(W)x 120(H) mm (Without Din-rail kit)  |
| <b>Weight</b>                          | 0.6 kg without package   |
| <b>Environmental</b>                   |  |
| <b>Operating Temperature</b>           | -40°C~75°C   |
| <b>Operating Humidity</b>              | 10% ~ 95% non-condensing   |
| <b>Storage Temperature</b>             | -40°C~85°C   |
| <b>Storage Humidity</b>                | 10%- 95% non-condensing  |
| <b>Approvals</b>                       |  |
| <b>EMI</b>                             | CE/EN 55032 class A, FCC Class A, EN 61000-3-2 :2014, EN 61000-3-3, EN 61000-6-4   |
| <b>EMS</b>                             | 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   |
| <b>Safety</b>                          | UL508, Class 1 Division 2, ATEX (Compliance)   |
| <b>Shock</b>                           | IEC60068-2-27 (Compliance)   |
| <b>Vibration</b>                       | IEC60068-2-6 (Compliance)  |
| <b>Free Fall</b>                       | IEC60068-2-32 (Compliance)   |
| <b>MTBF</b>                            | 4,177,000 hours  |
| <b>Ordering Information</b>            |  |
| <b>JetLink 2308/<br/>JetLink 2308M</b> | Industrial 8FE Managed Ethernet Switch support PROFINET(Slave)<br>Industrial 8FE Managed Ethernet Switch support PROFINET MRP Master   |
| <b>Includes</b>                        | 1 x JetLink 2308/JetLink2308M<br>1 x DIN Rail Kit  |