

VT-SW8PN

8-Port Layer 2 100M DIN-Rail Industrial Ethernet Switch



- Support 8*100M copper ports
- Support PROFINET protocol priority transmission
- The copper port supports 10/100M, full/half duplex, auto MDI/MDI-X, plug and play
- Support Jumbo frame transmission, maximum frame length 2kbyte
- Support half-duplex back pressure or full-duplex IEEE802.3x flow control
- Support dual DC9~60V or AC24V power input, support dual power redundancy, non-polarity
- High-strength metal casing, IP40 protection level, fanless casing for heat dissipation, work in -40°C~+75°C





Product Description

Featuring 8 auto-sensing 10/100M copper ports, the VT-SW8PN offers versatile connectivity options. Each port supports both full-duplex and half-duplex modes, with automatic MDI/MDI-X capabilities for simplified setup and dependable operation. Constructed with a high-strength aluminum alloy shell, this switch is designed for durability. Its fanless design promotes efficient heat dissipation, ensuring quiet and reliable performance even in harsh industrial conditions, with an operating temperature range from -40°C to +75°C. Engineered with PROFINET protocol support, the VT-SW8PN ensures priority transmission for critical data, making it a vital component in industrial automation and real-time communication systems. With a 35mm standard rail-mounted installation and the use of industrial-grade components, the VT-SW8PN is built for stability and long-lasting performance. The VT-SW8PN is more than just a standard Ethernet switch—it's designed to prioritize PROFINET protocol transmission, making it an ideal choice for industrial communication networks that require speed, reliability, and precision. This 8-port 100M unmanaged switch is perfect for those seeking easy plug-and-play installation in demanding environments.


Specification

| Protocol Standards | |
|--------------------------|--|
| IEEE Standards | IEEE802.3, IEEE802.3u, IEEE802.3x |
| Switch Capability | |
| Backplane Bandwidth | 1.6Gbps |
| Buffer Size | 768Kbit |
| Jumbo Frame | 2kbyte |
| MAC Table Size | 2K |
| Interface | |
| 100M Copper Port | 8 *10/100Base-T(X) auto-sensing 100M RJ45 ports, supporting full/half duplex, auto MDI/MDI-X |
| Status LED | Power indicator, interface indicator |
| Power Supply | |
| Input Voltage | DC9~60V or AC24V, dual power supply redundancy, no polarity |
| Power Consumption | <1.4W@DC24V |
| Connection | 5-pin 5.08mm pitch lock terminal block |
| Physical Characteristics | |
| Dimensions | 102×46×78 mm (DIN rail mounting clip excluded) |
| Installations | Standard installation on 35mm DIN rails |
| IP Code | High-strength aluminum alloy housing, IP40 |
| Weight | about 0.33kg |
| Working Environment | |
| Operating Temp | -40°C~ +75°C |
| Storage Temp | -40°C~ +85°C |
| Relative Humidity | 5%~95% (non-condensing) |

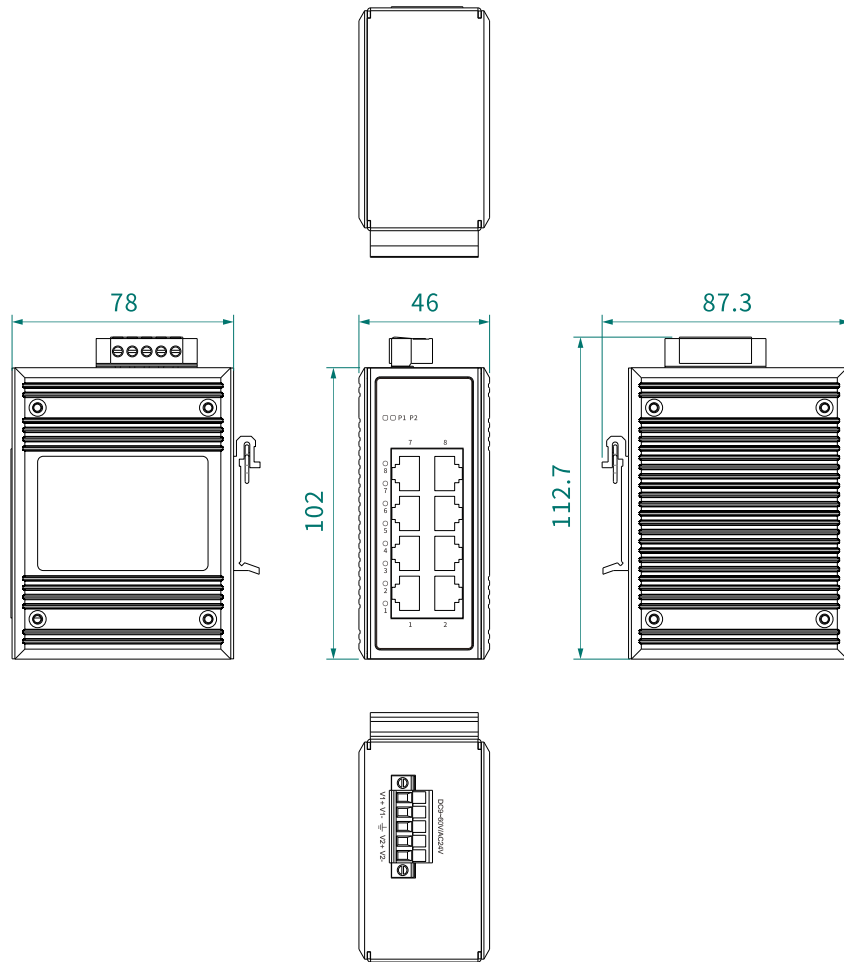
 Specification

| Industry Standards | |
|--------------------|--|
| EMC | IEC 61000-4-2 (ESD): Level 4 IEC 61000-4-5 (Surge): Level 4 IEC 61000-4-4 (EFT): Level 4 |
| Certification | CE, FCC, RoHS |



Dimensions

Unit: mm





Ordering Information

| Standard Model | 100M Copper Port | Input Voltage |
|----------------|------------------|-----------------------|
| VT-SW8PN | 8 | Dual DC9~60V Or AC24V |

Contact Us

Shanghai Valtoris Electronic Technology Co., Ltd.

Address: 1088 Fanghe Road, Minhang District, Shanghai, China (201109)

Mail: sales@valtoris.com

Official site: www.valtoris.com

Copyright © Valtoris Technology All rights reserved