



## UES-8

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



- Support 8\*100M copper ports
- 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℃~+75℃





## Product Description

With 8 auto-sensing 10/100M copper ports, the UES-8 provides robust and flexible data transfer options. Each port supports full-duplex and half-duplex modes, while automatic MDI/MDI-X functionality simplifies setup, making it perfect for quick and easy deployment. Built with a high-strength aluminum alloy shell, the UES-8 is engineered for durability. Its fanless design promotes efficient heat dissipation, ensuring quiet operation. With a wide operating temperature range of  $-40^{\circ}\text{C}$  to  $+75^{\circ}\text{C}$ , this switch is built to thrive in the harshest industrial conditions. The 35mm standard rail-mounted installation and use of industrial-grade components make the UES-8 a robust choice for stable communication.

The UES-8 is your reliable solution for industrial communication, offering an 8-port 100M unmanaged Ethernet switch that's designed to withstand the rigors of tough environments. Whether you're powering smart city infrastructure, enhancing industrial automation, or driving intelligent transportation systems, this switch ensures dependable, plug-and-play connectivity to keep your operations seamless.



## 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(full load)                                                                      |
| 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℃~ +75℃                                                                                   |
| Storage Temp             | -40℃~ +85℃                                                                                   |
| Relative Humidity        | 5%~95% (non-condensing)                                                                      |



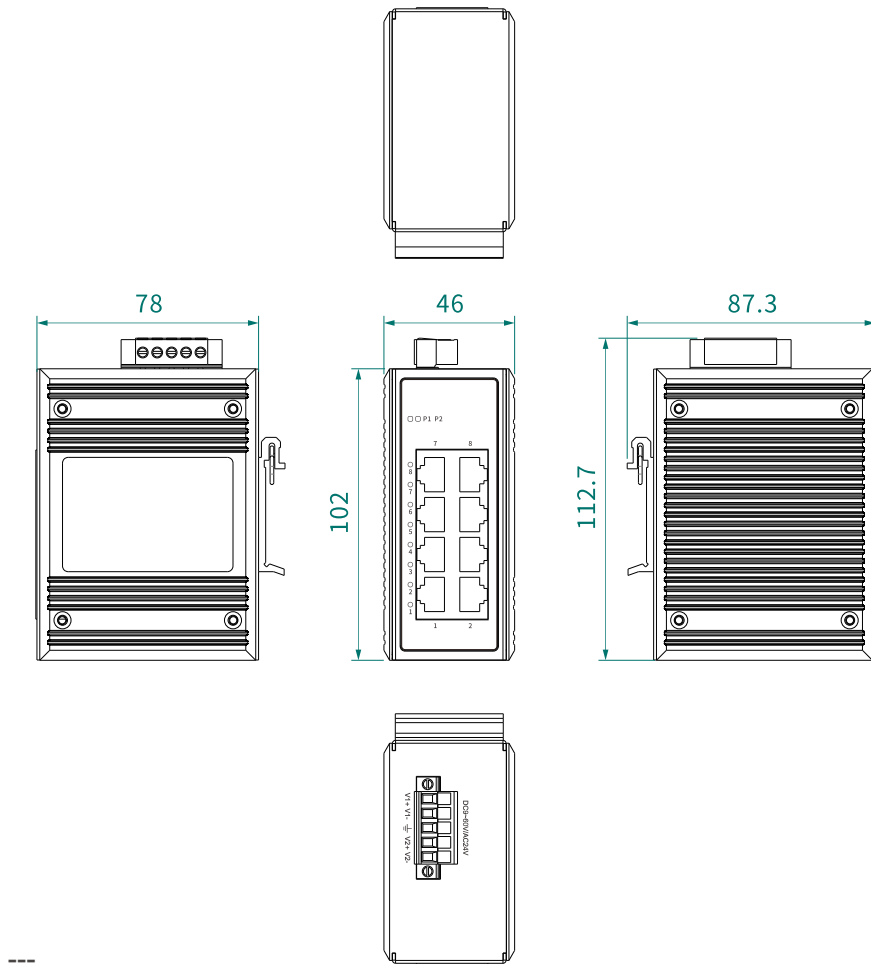
## Specification

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



## Dimensions

Unit: mm





## Ordering Information

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



## Contact Us

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