

EZISNSN44

8-port RS-232/422/485

Industrial Serial Device Port



Introduction

SUNIX's Industrial Serial Device Port is ideal for expanding the connectivity of traditional I/O devices. The EZISNSN44 enables its user to expand 8 RS232/422/485 serial ports via an Ethernet network. Equipped with SUNIX's DPA5110 high-performance Ethernet UART controller and exclusive serial port redirection technology, the Industrial Serial Device Port enables the creation of a physical serial port that can support real-time data communication and hot swapping, and also automatically detect the Industrial Serial Device Port's online/offline functions. Users can easily expand their RS232/422/485 serial ports to not only achieve better deployment efficiency, but also better reliability when increasing the efficiency of their commercial and industrial automation applications.

Features

- 8-port RS-232/422/485
- Built-in with SUNIX DPA5110 High-Performance Ethernet-IO controller
- Full hot swap and plug-and-play features
- SUNIX proprietary Ethernet I/O redirection technology, supports real-time data transmission
- Supports offline configuration
 - Retain system serial ports when network interface is in offline mode
 - Instantly restore system serial ports after establishing network interface connection
- Built-in dual 10/100 Ethernet ports for Ethernet cascading capability
- Supports wall or rail (DIN) mounted

Common Specifications

LAN

Ethernet: 2-port 10/100 Mbps RJ45 ports

Protection: 1.5 KV magnetic isolation

Protocols: SUNIX EAZInet

Power Requirements

Input Voltage: 5 to 48 VDC

Connector: 6 PIN Terminal Block

*Support 2 ports input power & relay output

*Support OVP

Note: the high-voltage power input priority first ,when multiple power inputs

Environmental Limits

Operating Temperature:

-40 to 75°C (-40 to 167°F)

Storage Temperature:

-40 to 85°C (-40 to 185°F)

Operation Humidity:

10 to 95% (non-condensing)

Certifications

- CE
- FCC
- VCCI
- BSMI

Serial Port specifications

Serial Port type:

Channels: 8

Interface: RS-232/422/485

Controller: SUNIX DPA5110

FIFO: 1Kbyte Hardware / per port

Baud rate: 50 bps ~921.6 Kbps

Stop bit: 1, 1.5, 2

Parity: even, odd, none, mark, space

Flow Control: Xon/Xoff (software control)

RTS/CTS (hardware control)

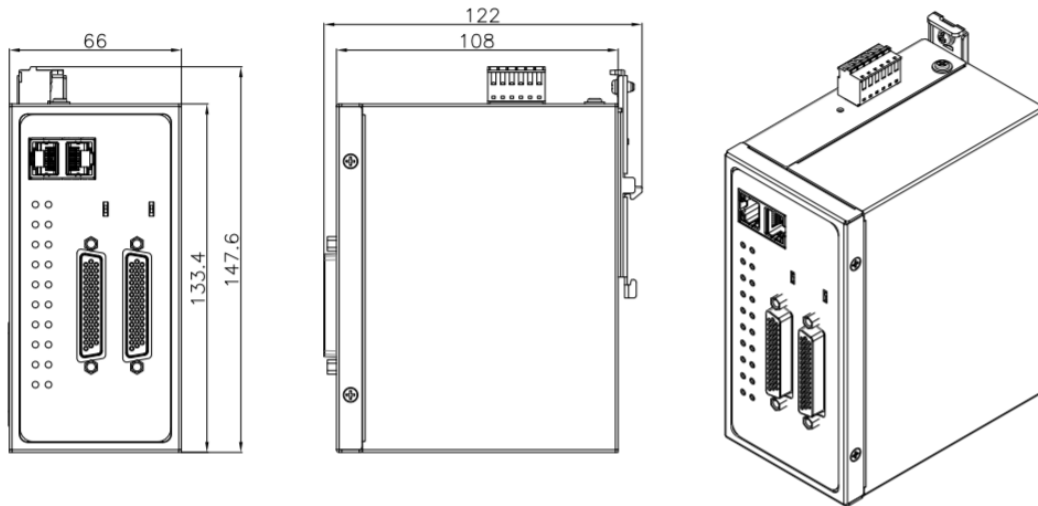
Connector: DB44 Serial port

Connector Pin Assignment: refer to Quick Installation Guide

Physical Characteristics

Dimension: 66 x 147.6 x 122 mm (2.6 x 5.81 x 4.80 in)

Weight: 755g +-5%



Package contents

- SUNIX Industrial DevicePort I/O product x1
- Quick Installation Guide x1

Accessories

- DB44 to 4-port DB9 Male Connection Cable x2



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