SE5300 Series

Industrial 2/4 ports Serial Device Server

Wide Temp
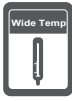
✓ *Value*

> Best industrial model for serial to Ethernet data transmission with various communication modes
> Serial interface with optical isolation protection is available
> Redundant Ethernet interfaces prevents Ethernet interruption

Features

> Supports 2 or 4 ports of RS-232/422/485 serial communication
> Equipped with 2KV optical isolation protection and 15KV ESD surge protection of serial interfaces
> Dual LAN Ports for redundant Ethernet connection
> Supports RJ45 and single-mode/multi-mode fiber optics through SC and ST fiber connector
> 512Kb Memory buffer prevents data loss when connection fails
> Alarm by Relay Output for Loss of Ethernet Connection

> Supports Virtual COM, TCP server, TCP client, UDP, and Pair Connection
> Multiple configuration interfaces: Web, Telnet console, SNMP and windows-based utility
> Both Terminal Block and latch secure DC Jack power inputs are provided for flexible power connectivity
> Redundant power inputs designs to avoid unexpected electrical problem
> Aluminum housing with flexible installation design by DIN-Rail, panel and wall mounting

Ordering Information

SE5302-00B	2-port RS-232/422/485 Serial Device Server with 2-port 10/100BASE-TX
SE5302-1XB	2-port RS-232/422/485 Serial Device Server with 1-port 10/100BASE-TX and 1-port 100BASE-FX
SE5302-2XB	2-port RS-232/422/485 Serial Device Server with 2-port 100BASE-FX
SE5304-00B	4-port RS-232/422/485 Serial Device Server with 2-port 10/100BASE-TX
SE5304-1XB	4-port RS-232/422/485 Serial Device Server with 1-port 10/100BASE-TX and 1-port 100BASE-FX
SE5304-2XB	4-port RS-232/422/485 Serial Device Server with 2-port 100BASE-FX
SE5320-00B	2-port isolated RS-422/485 Serial Device Server with 2-port 10/100BASE-TX
SE5320-1XB	2-port isolated RS-422/485 Serial Device Server with 1-port 10/100BASE-TX and 1-port 100BASE-FX
SE5320-2XB	2-port isolated RS-422/485 Serial Device Server with 2-port 100BASE-FX

100FX Fiber Options :

(X) = 1 : Multi Mode (SC) - 2Km (1310nm)

      2 : Multi Mode (ST) - 2Km (1310nm)

      A : Single Mode (SC) - 20Km (1310nm)

      B : Single Mode (SC) - 40Km (1310nm)

      H : Single Mode (ST) - 20Km (1310nm)

Power Supply : (Optional)

    *Option A - The Terminal Block type external power supply are not included. Please order the following part numbers:
      DR-30-24, DR-60-24, DR-75-24, DR-120-24 or 41-136046-X (X)=1: US, 2: EU, 3: UK, 4: AU, 5: JP

    **Option B - The external power adapter and power cord are not included. Please order the following part numbers:
      41-136044-X (X)=1: US, 2: EU, 3: UK, 4: AU, 5: JP

Installation Type : DIN-Rail (mounting kit is included)
               Optional Panel mount kit, part number: KP-AA51

Connection Cable : (Optional)
    10-pin RJ50 to male DB9, 180cm Cable: CS-50M9-180   10-pin RJ50 to female DB9, 180cm Cable: CS-50F9-180

Specifications

Technology

Serial Port	• Interface: RS-232/422/485
	• Connector: RJ50 for 4-port RS-232/422/485
	        DB9 for 2-port RS-232/422/485 (Male)
	        Terminal Block for isolated RS-422/485
	• Line Protection: 15KV ESD
	• Isolation: 2KV (SE5320)

Serial Communication Parameters	• Parity: None, Even, Odd, Space, Mar • Data Bits: 5, 6, 7, 8 • Stop Bit: 1, 1.5, 2 • Flow Control: None, RTS/CTS, Xon/Xoff • Speed: SE5304 & SE5302, 50 bps to 460.8Kbps SE5320, 50 bps to 230.4Kbps
Protocols	• ICMP, IP, TCP, UDP, DHCP client, Telnet, DNS, SNMPv2, • HTTP, SMTP, SNTP, ARP, RARP, RFC2217
Operation mode	• Virtual COM, TCP server, TCP client, UDP, Pair Connection
OS Driver Support	• Windows 2000/XP/2003 COM driver
Management	• Web, Telnet console, SNMP
Memory Buffer	• 512K bits

Power

Input	• Input Voltage: 12 to 32VDC (Terminal Block); 12VDC (DC Jack)
Power Consumption	• 4.32W Max. 0.36A @ 12VDC, 0.18A @ 24VDC
Connector	• Terminal Block and DC Jack with latch

Mechanical

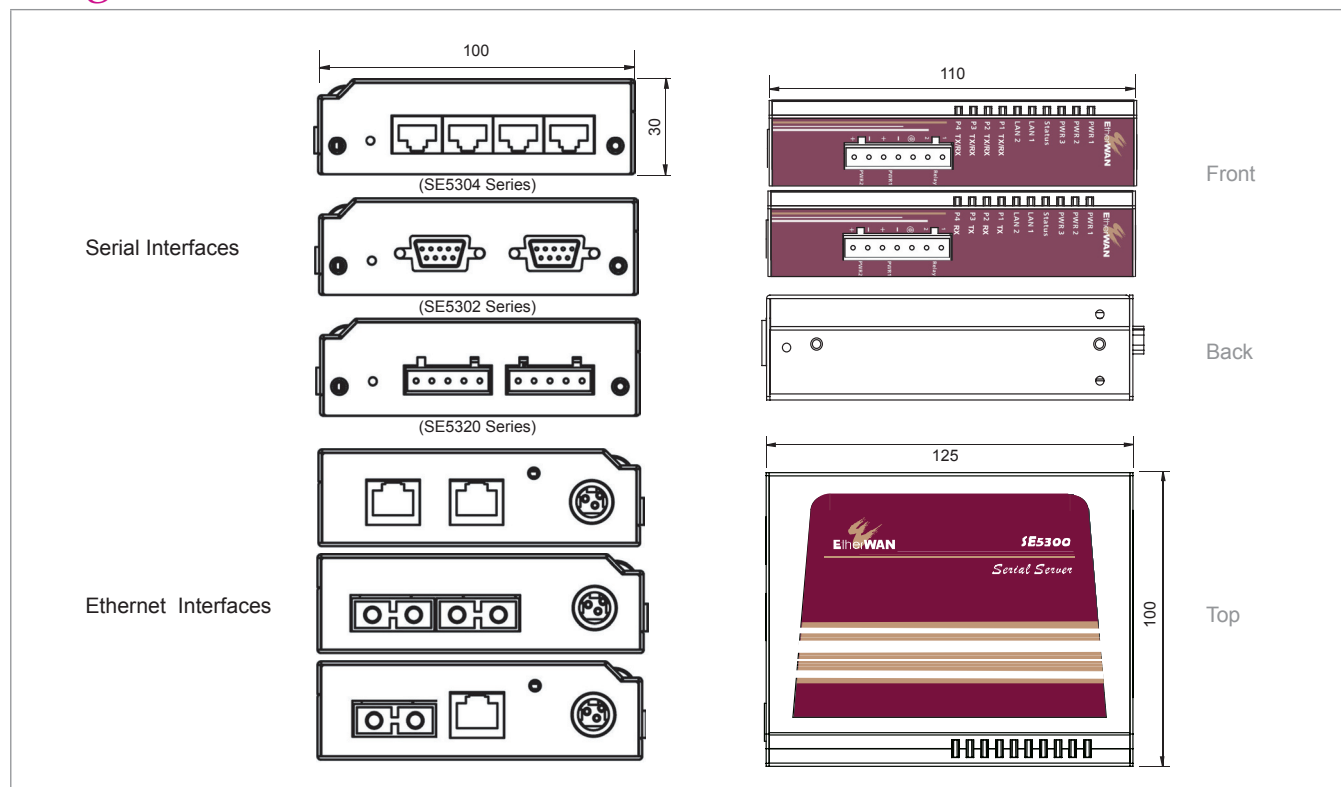|	
Casing	• Aluminum case
Dimensions	• 100mm (W) x 125mm (D) x 30mm(H) (3.94" (W) x 4.92" (D) x 1.18" (H))
Weight	• 0.3kg (0.66 lb)
Installation	• DIN-Rail (Top hat type 35mm), Panel Mounting

Interface

Ethernet Port	• Interface: 10/100BASE-TX; 100BASE-FX • Connector: RJ45 (10/100BASE-TX); SC, ST Type (100BASE-FX) • Isolation: Built-in 1.5KV magnetic isolation

Serial Port	• RJ50- RS232/422/485: 4 port
	  or
	• DB9- RS232/422/485: 2 port
	  or
	• 5Pin Terminal Block (Isolation version)- RS422/485: 2 port

LED Indicators	• Per Unit: Power Status (Power 1, Power 2), Status
	• Per Port: Ethernet: LAN1,LAN2
	        Serial: Port1 TX, Port1 RX, Port2 TX, Port2 RX
	        Port1 TX/RX, Port2 TX/RX, Port3 TX/RX,
	        Port4 TX/RX for RJ50 Interface Version

Environment

Operating Temperature	• -10°C to 60°C (14°F to 140°F) Test @ -20°C to 65°C (-4°F to 149°F)
Storage Temperature	• -20°C to 85°C (-4°F to 185°F)
Ambient Relative Humidity	• 5% to 95% non-condensing

Regulatory Approvals

Emission Compliance	• CE Mark Class A • FCC Part 15 Class A • VCCI Class A

Diagrams

Unit: mm

Serial Interfaces

(SE5304 Series)

(SE5302 Series)

(SE5320 Series)

Ethernet Interfaces

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