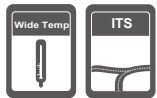


SE6300 Series

Hardened 2/4 ports Serial Device Server



Value

- Best hardened model for serial to Ethernet data transmission with various communication modes
- Serial interface with optical isolation protection is available
- Wide operation temperature specification supports harsh environment applications
- 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 design for redundant Ethernet connection
- Supports RJ45 and single-mode/multi-mode fiber optics through SC and ST fiber connector
- 512KB port 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 to avoid unexpected electrical failure
- Aluminum housing with flexible installation by DIN-Rail, panel and wall mounting

Ordering Information

SE6302-00B	2-port RS-232/422/485 Serial Device Server with 2-port 10/100BASE-TX
SE6302-1XB	2-port RS-232/422/485 Serial Device Server with 1-port 10/100BASE-TX and 1-port 100BASE-FX
SE6302-2XB	2-port RS-232/422/485 Serial Device Server with 2-port 100BASE-FX
SE6304-00B	4-port RS-232/422/485 Serial Device Server with 2-port 10/100BASE-TX
SE6304-1XB	4-port RS-232/422/485 Serial Device Server with 1-port 10/100BASE-TX and 1-port 100BASE-FX
SE6304-2XB	4-port RS-232/422/485 Serial Device Server with 2-port 100BASE-FX
SE6320-00B	2-port isolated RS-422/485 Serial Device Server with 2-port 10/100BASE-TX
SE6320-1XB	2-port isolated RS-422/485 Serial Device Server with 1-port 10/100BASE-TX and 1-port 100BASE-FX
SE6320-2XB	2-port isolated RS-422/485 Serial Device Server with 2-port 100BASE-FX

100FX Fiber Options :

- (X) = 1 : Multi Mode (SC)
 2 : Multi Mode (ST)
 A : Single Mode (SC) - 20Km
 B : Single Mode (SC) - 40Km
 H : Single Mode (ST) - 20Km

Power Supply : (Optional)

*Option A - The Terminal Block type external power supplies 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 adapters and power cords 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 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	<ul style="list-style-type: none"> 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 (SE6320)
Serial Communication Parameters	<ul style="list-style-type: none"> Parity: None, Even, Odd, Space, Mark Data Bits: 5, 6, 7, 8 Stop Bit: 1, 1.5, 2 Flow Control: None, RTS/CTS, Xon/Xoff Speed: SE6304 & SE6302, 50 bps to 460.8Kbps SE6320, 50 bps to 230.4Kbps
Protocols	<ul style="list-style-type: none"> ICMP, IP, TCP, UDP, DHCP client, Telnet, DNS, SNMPv2, HTTP, SMTP, SNTP, ARP, RARP, RFC2217
Operation mode	<ul style="list-style-type: none"> Virtual COM, TCP server, TCP client, UDP, Pair Connection
OS Driver Support	<ul style="list-style-type: none"> Windows 2000/XP/2003 COM driver
Management	<ul style="list-style-type: none"> Web, Telnet console, SNMP
Port Buffer	<ul style="list-style-type: none"> 512K bits
Power	
Input	<ul style="list-style-type: none"> Input Voltage: 12 to 32VDC (Terminal Block); 12VDC (DC Jack)
Power Consumption	<ul style="list-style-type: none"> 4.32W Max. 0.36A @ 12VDC, 0.18A @ 24VDC
Connector	<ul style="list-style-type: none"> Terminal Block and DC Jack with latch
Mechanical	
Casing	<ul style="list-style-type: none"> Aluminum case
Dimensions	<ul style="list-style-type: none"> 100mm (W) x 125mm (D) x 30mm(H) (3.94" (W) x 4.92" (D) x 1.18" (H))
Weight	<ul style="list-style-type: none"> 0.3kg (0.66 lb)
Installation	<ul style="list-style-type: none"> DIN-Rail (Top hat type 35mm), Panel Mounting

Interface	
Ethernet Port	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Per Unit: Power Status (Power 1, Power 2), Status Local/Sub-master, Fault 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	<ul style="list-style-type: none"> -25°C to 70°C (-13°F to 158°F)
Storage Temperature	<ul style="list-style-type: none"> -25°C to 85°C (-13°F to 185°F)
Ambient Relative Humidity	<ul style="list-style-type: none"> 5% to 95% non-condensing

Regulatory Approvals	
Emission Compliance	<ul style="list-style-type: none"> CE Mark Class A FCC Part 15 Class A VCCI Class A

Diagrams

Unit: mm

