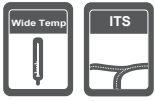


# SE6100 Series

## Hardened 1-port Serial Device Server



### Value

- › Best hardened model for serial to Ethernet data transmission with various communication modes
- › Wide operation temperature specification supports harsh environment applications



## Features

- › Supports RS-232/422/485 serial communication
- › 15KV ESD surge protection of serial interfaces
- › Supports RJ45 and single-mode/multi-mode fiber optics through SC and ST fiber connector
- › 256Kb Memory buffer prevents data loss when connection fails
- › 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
- › Aluminum housing with flexible installation by DIN-Rail, panel and wall mounting

## Ordering Information

SE6101-00B	1-port RS-232/422/485 Serial Device Server with 1-port 10/100BASE-TX
SE6101-1XB	1-port RS-232/422/485 Serial Device Server with 1-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 included)

Optional Panel mount kit, part number: KP-AA51



# Specifications

Technology	
Serial Port	<ul style="list-style-type: none"> <li>Interface: RS-232/422/485</li> <li>Connector: DB9 for RS-232/422/485 (Male) Terminal Block for RS-422/485</li> <li>Line Protection: 15KV ESD</li> </ul>
Serial Communication Parameters	<ul style="list-style-type: none"> <li>Parity: None, Even, Odd, Space, Mark</li> <li>Data Bits: 5, 6, 7, 8</li> <li>Stop Bit: 1, 1.5, 2</li> <li>Flow Control: None, RTS/CTS, Xon/Xoff</li> <li>Speed: SE6101, 50 bps to 460.8Kbps</li> </ul>
Protocols	<ul style="list-style-type: none"> <li>ICMP, IP, TCP, UDP, DHCP client, Telnet, DNS, SNMPv2,</li> <li>HTTP, SMTP, SNTP, ARP, RARP, RFC2217</li> </ul>
Operation mode	<ul style="list-style-type: none"> <li>Virtual COM, TCP server, TCP client, UDP, Pair Connection mode</li> </ul>
OS Driver Support	<ul style="list-style-type: none"> <li>Windows 2000/XP/2003 COM driver</li> </ul>
Management	<ul style="list-style-type: none"> <li>Web, Telnet console, SNMP</li> </ul>
Memory Buffer	<ul style="list-style-type: none"> <li>256K bits</li> </ul>

Power	
Input	<ul style="list-style-type: none"> <li>Input Voltage: 12 to 32VDC (Terminal Block); 12VDC (DC Jack)</li> </ul>
Power Consumption	<ul style="list-style-type: none"> <li>2.88W Max. 0.24A @ 12VDC, 0.12A @ 24VDC</li> </ul>
Connector	<ul style="list-style-type: none"> <li>Terminal Block and DC Jack with latch</li> </ul>

Mechanical	
Casing	<ul style="list-style-type: none"> <li>Aluminum case</li> </ul>
Dimensions	<ul style="list-style-type: none"> <li>70mm (W) x 110mm (D) x 30 mm(H)</li> <li>(2.76" (W) x 4.33" (D) x 1.18" (H))</li> </ul>
Weight	<ul style="list-style-type: none"> <li>0.25kg (0.55 lb)</li> </ul>
Installation	<ul style="list-style-type: none"> <li>DIN-Rail (Top hat type 35mm), Panel Mounting</li> </ul>

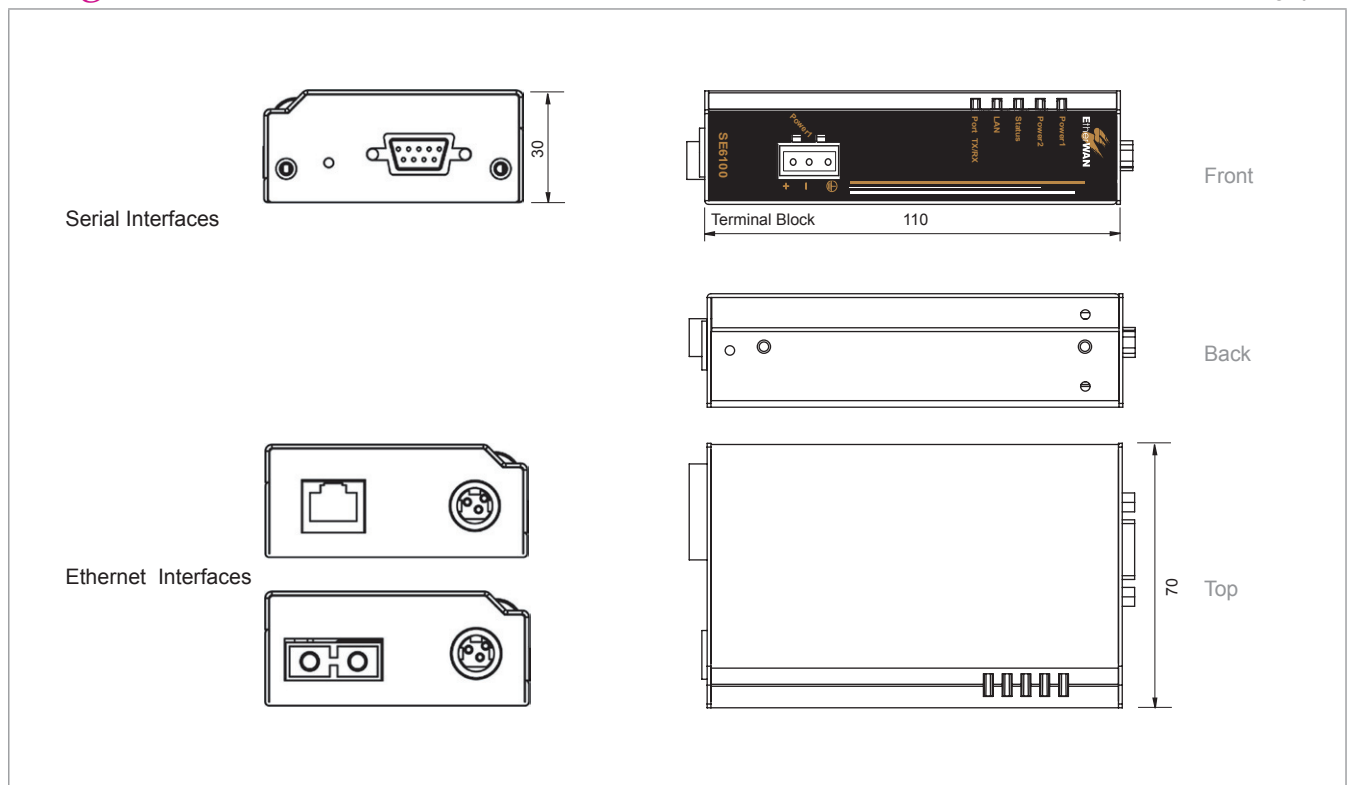
Interface	
Ethernet Port	<ul style="list-style-type: none"> <li>Interface: 10/100BASE-TX; 100BASE-FX</li> <li>Connector: RJ45 (10/100BASE-TX); SC, ST Type (100BASE-FX)</li> <li>Isolation: Built-in 1.5KV magnetic isolation</li> </ul>
Serial Port	<ul style="list-style-type: none"> <li>DB9- RS232/422/485: 1 port</li> </ul>
LED Indicators	<ul style="list-style-type: none"> <li>Per Unit: Power Status (Power 1, Power 2), Status</li> <li>Per Port: Ethernet: LAN1, Serial: Port TX/RX</li> </ul>

Environment	
Operating Temperature	<ul style="list-style-type: none"> <li>10/100BASE-TX Interface: -34°C to 75°C (-29.2°F to 167°F)</li> <li>100BASE-FX Interface: -25°C to 75°C (-13°F to 167°F)</li> </ul>
Storage Temperature	<ul style="list-style-type: none"> <li>10/100BASE-TX Interface: -34°C to 85°C (-29.2°F to 185°F)</li> <li>100BASE-FX Interface: -25°C to 85°C (-13°F to 185°F)</li> </ul>
Ambient Relative Humidity	<ul style="list-style-type: none"> <li>5% to 95% non-condensing</li> </ul>

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

# Diagrams

Unit: mm



Ethernet Switches

Media Converters

Ethernet Extenders

Serial Device Servers

Accessories