



Multi-Port Serial Server

■ ■ SE5008/SE5016

RoHS-compliant

Features

- 8/16-port Ethernet serial server with RISC 32bits 266MHz CPU
- 19-inch rack-mount metal housing
- Software selectable RS-232/RS-485/RS-422 with Gas Discharge Tube for Surge protection or photo-coupled isolation RS-422/RS-485
- Dual 10/100Mbps Ethernet for networking redundancy
- UDP, TCP Server and Client for Virtual COM mode
- Configuration via Serial Console, Telnet, Web Server or Windows-based utilities
- Linux with GNU C SDK for user application programming

Make Serial Devices Ready to the Network

The Multi-port Industrial Serial Server SE5008/SE5016 is a gateway between Ethernet (TCP/IP) and RS-232/RS-422/RS-485 communications. It allows almost any serial device to be connected to a new or existing Ethernet network.

By encapsulating serial data and transporting it over Ethernet, SE5008/SE5016 offers full-duplex, bi-directional data transmission transparent between serial port and Ethernet network.

Easy to Use

Flexible configuration options enable this unit to be setup over Ethernet by Telnet, Web browser, Serial Console, or other Windows utilities. Packed in a rugged metal housing with 19-inch rack-mount and 100~240VAC wide power input range, SE5008/SE5016 is ideal for almost any industrial and manufacturing automation.

High Performance Programmable Device Server

With its powerful computing power and Linux SDK, it could be a high performance programmable controller for time-critical, high-security, multi-function controller such as SCADA, telecommunication, transportation, banking, hospital, etc.

Specifications	
CPU	RISC 266MHZ Processor with MMU
Flash Memory	8MB
DDR Memory	32MB
Network Interface	Dual 10/100Mbps Ethernet
Network Protocol	ICMP, IP, TCP, UDP, DHCP, BOOTP, Telnet, DNS, SNMP, HTTP, SMTP, SNTP
Serial Interface	Software selectable RS-232/RS-422/RS-485 with Gas Discharge Tube for Surge protection
Serial Connector	R-J45 (8-pin) type
Networking Protection	Built-in 2.0 KV magnetic isolation
Serial Communication	Data Rate: 1200bps~921Kbps, Support user define baud rate (base 100) Characters: 7 or 8 data bits Parity: None, Even, Odd, Mark, Space. Stop Bits: 1 or 2 Flow Control: Xon/Xoff, RTS/CTS
Serial LED Indicator	Tx, Rx
Power Requirement	100~240 VAC, 47~63 Hz (3-pin Terminal Block)
Power Protection	4 KV Burst (EFT), 2 KV Surge
Mechanical Specifications	SECC sheet metal (1 mm)
Temperature	Operation: 0°C~60°C, Storage: -20°C~85°C
Humidity	5%~95% non-condensing
Dimension	436mm x 43.5mm x 200mm (W x H x D)
Software	Windows 95/98/ME/NT/2000/XP/2003 Virtual Com drivers
Configuration	Web Browser, Telnet Console, Serial Console, LCM with 4 push button and Windows Utility

Ordering Information

Models include

SE5008 SDK (US): Selectable 8-port Module/Programmable/US plug

SE5008 SDK (EU): Selectable 8-port Module/Programmable/EU plug

SE5008 STD (US): Selectable 8-port Module/Virtual COM/US plug

SE5008 STD (EU): Selectable 8-port Module/Virtual COM/EU plug

SE5008 TS (US): Selectable 8-port Module/Terminal Server/US plug

SE5008 TS (EU): Selectable 8-port Module/Terminal Server/EU plug

SE5016 SDK (US): Selectable 16-port Module/Programmable/US plug

SE5016 SDK (EU): Selectable 16-port Module/Programmable/EU plug

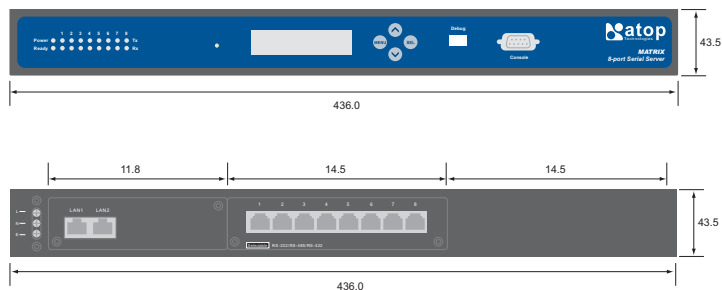
SE5016 STD (US): Selectable 16-port Module/Virtual COM/US plug

SE5016 STD (EU): Selectable 16-port Module/Virtual COM/EU plug

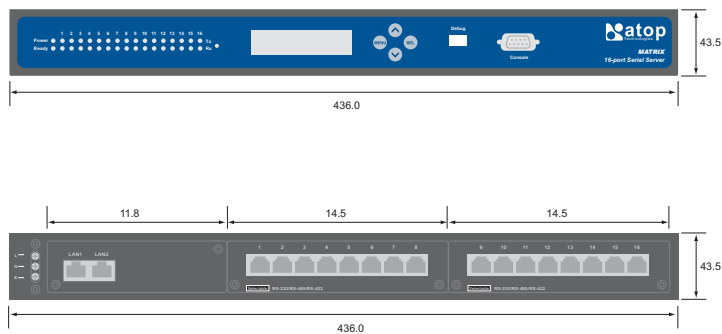
SE5016 TS (US): Selectable 16-port Module/Terminal Server/US plug

SE5016 TS (EU): Selectable 16-port Module/Terminal Server/EU plug

SE5008 Front Panel



SE5016 Front Panel



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