



1-Port Serial Server

■ ■ SE5001

RoHS-compliant

- Cigarette pack size
- Rugged metal case with wall/DIN-Rail mount
- Watch Dog Timer 1.34 sec. hardware auto reset
- 15KV ESD protection for serial signals
- 10/100Mbps Fast Ethernet full duplex auto negotiation
- Support TCP server/client, UDP for Virtual COM mode and Tunneling mode
- Monitor, manage and control industrial field devices remotely
- Configuration: Web Server page/Serial Console/ Telnet Console
- Monitor IP configuration utility for Windows
- Upgrade firmware from remote-PC via Ethernet
- Redundant dual DC power inputs for non-stop operation

Make Serial Devices Ready to the Network

The Industrial Serial Server SE5001 is a cost effective gateway between Ethernet (TCP/IP) and serial signal 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, SE5001 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 for wall or DIN-Rail mount with 5~30VDC wide power input range, SE5001 is ideal for almost any industrial and manufacturing automation.

ATOP Virtual COM software provides existing Windows based application to access serial device by mapping to remote serial server via Ethernet.

Specially Designed for Automation Fields

In industrial and manufacturing automation fields, SE5001 is used as a field device to connect Ethernet through TCP/IP protocol directly. It is also specially designed for conjunction with PLCs, HMIs, Barcode Scanners, Data Terminals, Electronic Kanbans, Shop Floor Control Systems, and Pick-to-Light Systems.

Ethernet Serial Server

➔ SE5001

Specifications

System	
CPU	16-bit x86 Embedded CPU
Flash	512 KBytes
RAM	512 KBytes SDRAM
EEPROM	512 Bytes
Watchdog	ASIC Hardware built-in
Ethernet	
Compliance	IEEE802.3
Port	1-port
Transmission Rate	10/100Mbps Auto-detection
Connector	RJ-45
Auto MDI/MDI-X	Yes
Link Mode	
TCP Server	Single connection or Virtual Com mode
TCP Client	Single destination
UDP	Single destination
Serial	
Interface	RS-232(SE5001-S2) / RS-422/RS485 software selectable(SE5001-S5)
Ports	1-port
Baud Rate	1200bps~230Kbps
Parity	None, Odd, Even, Mark, Space
Data Bits	7, 8
Stop Bits	1, 2
Flow Control	None, Software: Xon/Xoff, Hardware: RTS/CTS
Connector	9-pin D-Sub
Protection	15KV ESD
Power	
Input	DC 5 ~ 30V
Consumption	Max. 1.5W
Environment	
Operating	0°C ~ 60°C (32° ~ 140°F)
Storage	-40° ~ 85°C (-40°~ 185°F), 5 ~ 95%RH
Dimension	
W x H x D	65mm x 78mm x 28mm
Software	
Configuration	Web Page / Telnet / Serial console / Windows utility
Virtual Com	Windows port redirection software
Support Protocol	ICMP, TCP(UDP) / IP, DHCP client, SNMP, SMTP, HTTP, Telnet

Ordering Information

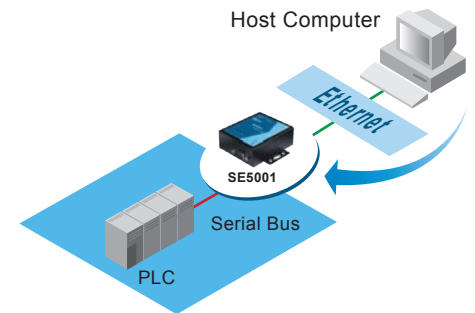
SE5001-S2	1-port RS-232(D-Sub) serial server without adapter
SE5001-S5	1-port RS-422/485(D-Sub) serial server without adapter

Optional Accessories

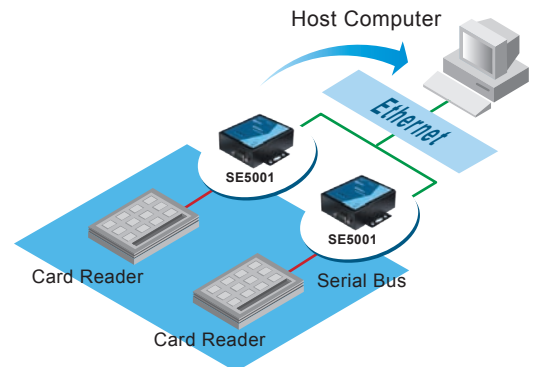
Power Adapter	US315-12 US / EU: AC100 ~ 240V / DC 12V ; 5.08mm pitch terminal block AD5V1A(US/EU): DC5V1A DC Jack
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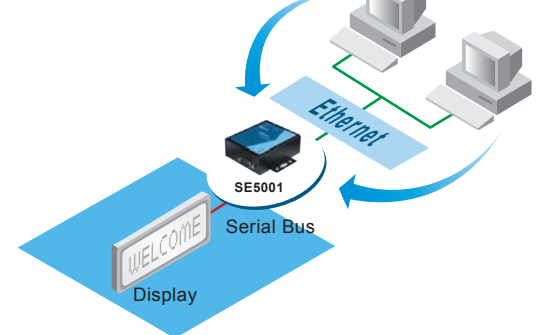
TCP Server Mode



TCP Client mode



UDP mode



Tunneling mode

