Device Networking Access

2-Port Serial Server

SE5002

RoHS-compliant

- Rugged metal case with DIN-Rail/wall-mount
- 15KV ESD protection for serial signals
- 10/100Mbps Fast Ethernet full duplex auto negotiation
- Support multipl link mode with TCP server/client, UDP and Virtual COM mode
- Monitor, manage and control industrial field devices remotely
- Configuration: Built-in Web Server /Serial Console/ Telnet
- Windows Base utility for IP configuration
- Upgrade firmware from remote-PC via Ethernet

Make Serial Devices Ready to the Network

The Industrial Serial Server SE5002 is a 2-port 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, SE5002 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 9~30VDC wide power input range, SE5002 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 Ethenet.

Specially Designed for Automation Fields

In industrial and manufacturing automation fields, SE5002 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.

atop Technologies

2-Port Serial Server

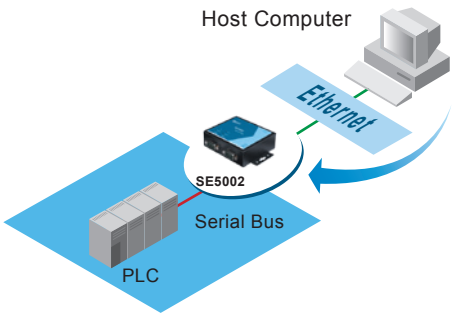
SE5002

Specifications	
System	
CPU	16-bit x86 Embedded CPU
Flash	512 KBytes
RAM	512 KBytes SDRAM
EEPROM	512 Bytes
Watchdog	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-232/422/485 software selectable(SE5002) / RS-422/485 software selectable(SE5002-S55is)
Ports	2-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 9 ~ 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	75mm x 85mm 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	
SE5002	2-port software selectable RS-232/422/485 (D-Sub) serial server without adapter
SE5002-S55is	2-port software selectable RS-422/485 (Terminal Block lockable) photo-isolation serial server without adapter
Optional Accessories	
Power Adapter	UV315-12(EU/US): AC100~240V/DC12V 1.25A DC Jack lockable(SE5002)
	US315-12 US/EU: AC100~240V/DC12V 5.08mm pitch Terminal block(SE5002-S55is)

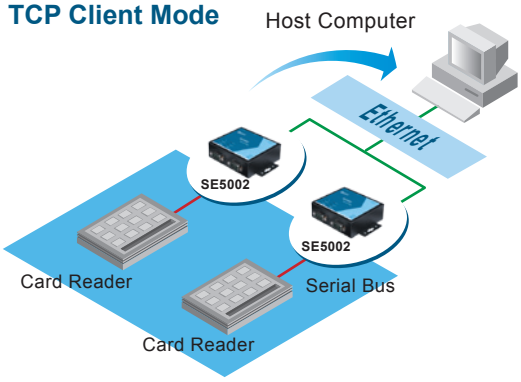
Package

	SE5002	SE5002-S55is
5.08mm pitch Terminal block 3-pin x 1 3.81mm pich Terminal block 5-pin x 2		√
Quick Start Guide	1	1
Warranty Card	1	1
Product CD	Standard Edition	Standard Edition
Others	Mount screw x 2	Mount screw x 2

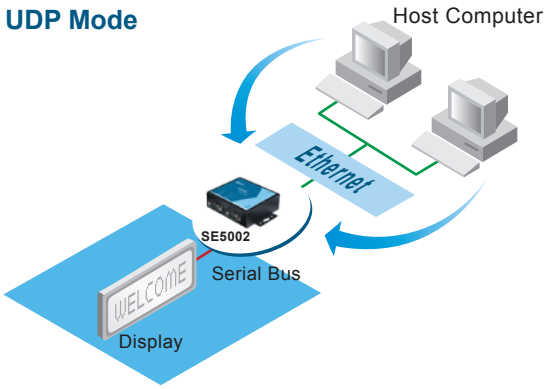
TCP Server Mode



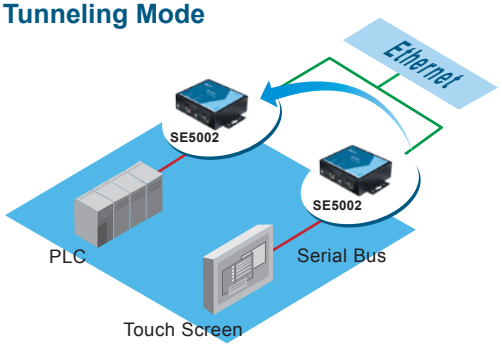
TCP Client Mode



UDP Mode



Tunneling Mode



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CA_SE5002_E : V1-070130