



## 2-Port Serial Server

■ ■ SE5002

*RoHS-compliant*

### Features

- Rugged metal case with DIN-Rail/wall-mount
- 15KV ESD protection for serial signals
- 10/100Mbps Fast Ethernet full duplex auto negotiation
- Support multiple 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 dual 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 Ethernet.

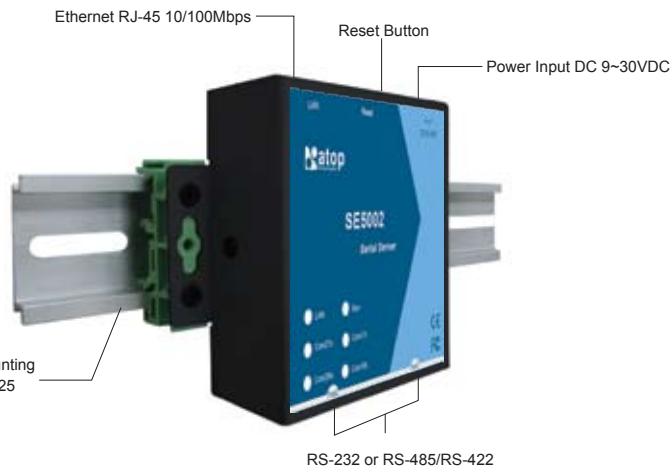
### Specially Designed for Automation Fields

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.

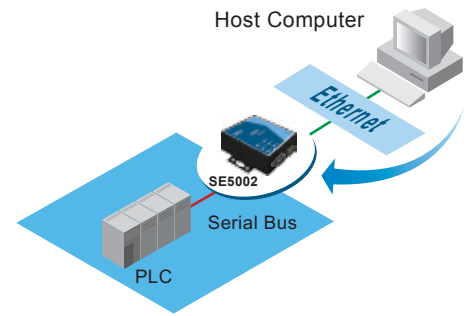
# 2-Port Serial Server



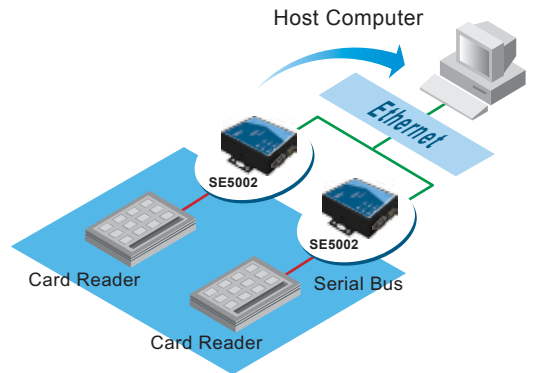
Specifications		
CPU	16-bit x86 Embedded CPU	
Flash	512 Kbytes	
RAM	512 Kbytes SDRAM	
EEPROM	512 Bytes	
Network Interface	10/100Mbps Fast Ethernet	
Network Protocol	TCP(UDP)/IP, HTTP, SNMP, Telnet, ICMP, SMTP, DHCP client	
Reset	Built-in reset key to restore the defaults	
Serial Interface	RS-232/RS-485/RS-422 or RS-485/RS-422 (by model)	
Serial Connector	DB9 male for SE5002, TB5 (Lockable) for SE5002-S55is	
Serial Communication	Baud Rate: 1200 bps~230 Kbps Data Bits: 5, 6, 7, 8 Parity: None, Even, Odd, Mark, Space Stop Bits: 1 or 2 Flow Control: None, Software: Xon/Xoff, Hardware: RTS/CTS	
LED Indicator	LAN, RUN and COM	
Power Requirement	9~30VDC, 1A	
Temperature	Operating: 0°C~ 60°C, Storage : -40°C~85°C	
Humidity	20%~90% non-condensing	
Dimension	75mm x 85mm x 28mm (W x H x D)	
Software	Windows OS based Configuration Utility, Virtual COM software	
Configuration	Web Page / Telnet / Serial Console / Windows Utility	
Ordering Information (by Model)		
SE5002	2-port software selectable RS232/422/485(D-Sub) serial server without adapter	
SE5002-S55is	2-port software selectable RS422/485(Terminal block lockable) photo-isolation serial server without adapter	
Optional Accessories		
Power Adapter -SE5002	1A25F US/EU: AC100~240V / DC12V: 1.25A DC Jack Lockable	
1A25F (US) -SE5002-S55is	US315-12 US/EU: AC100~240V / DC 12V: 5.08mm pitch Terminal block	
Package		
	SE5002	SE5002-S55is
5.08mm pitch Terminal block 3-pin x 1 3.81mm pitch 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



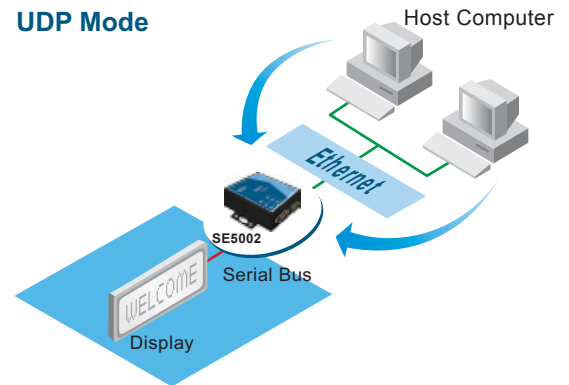
## TCP Server Mode



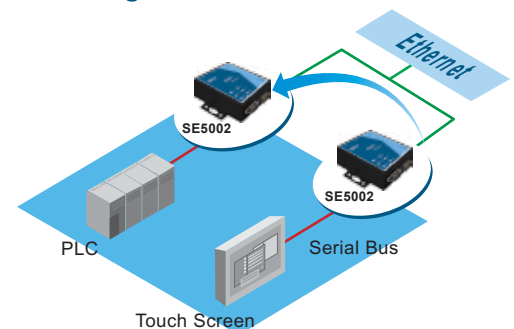
## TCP Client Mode



## UDP Mode



## Tunneling Mode



### Atop Technologies, Inc.

TEL : +886-3-5508137  
 FAX : +886-3-5508131  
 sales@atop.com.tw  
 http : //www.atop.com.tw

Design and specification are subject to change without notice.  
 All other product names referenced herein are registered trademarks of their respective companies.



CA\_SE5002\_E : p-070130