



FEATURE HIGHLIGHTS

- Cigarette pack compact size
- Rugged metal case with wall or DIN-Rail mount
- 10/100Mbps Fast Ethernet full duplex auto negotiation
- Support TCP server/client, UDP, Virtual COM and Tunneling modes
- Monitor, manage, and control industrial field devices remotely
- Configuration: Web Server page / Serial Console / Telnet Console / Windows Utility
- Upgrade firmware from a remote-PC via Ethernet
- Redundant dual DC power inputs for non-stop operation

PRODUCT DESCRIPTION

Make Serial Devices Ready to the Network

The Industrial Serial Server SE5001 is a cost effective gateway for 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 and bi-directional data that is transmission transparent between the serial port and the Ethernet network.

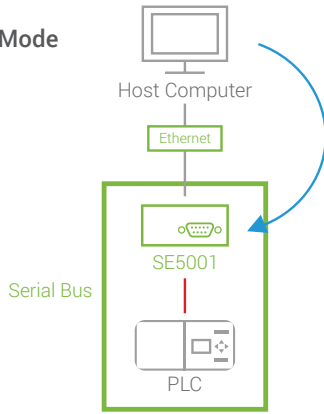
Easy to Use

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 the Virtual COM port to a remote serial server via Ethernet.

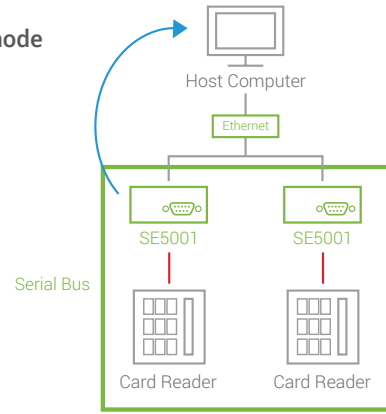
Specially Designed for Automation Fields

In industrial and manufacturing automation fields, SE5001 is used as a field device to connect the 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.

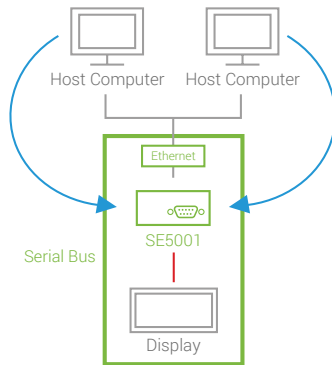
TCP Server Mode



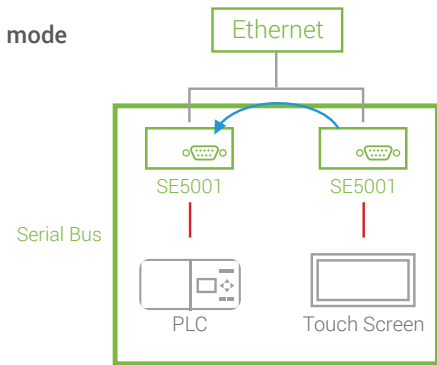
TCP Client mode



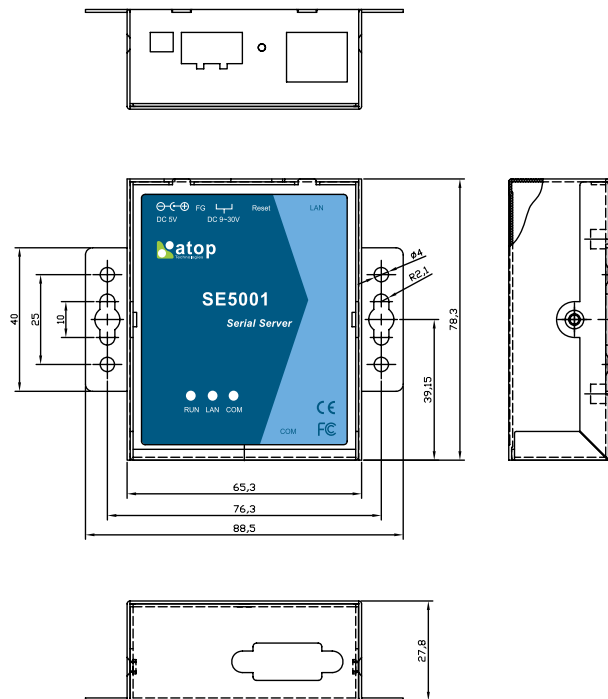
UDP mode



Tunneling mode



DIMENSIONS & LAYOUT



SPECIFICATIONS

Ethernet	
Compliance	IEEE802.3
Port	1-port
Transmission Rate	10/100Mbps Auto-detection
Connector	RJ-45
Compliance	Yes
Link Mode	
TCP Server	Single connection or Virtual COM mode
TCP Client	Single destination or Virtual COM mode
UDP	Up to 4 Ranges of IPs
Serial	
Interface	RS-232/422/485 Software selectable(SE5001)
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 5V and 9-30V
Consumption	Max. 1.5W
Environmental Limits	
Operating Temperature	0°C ~ 60°C (32° ~ 140°F)
Storage Temperature	-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, HTTP, Telnet

REGULATORY APPROVALS

Approvals				
Safety	CE LVD EN62368-1:2014/A11:2017			
EMC	CE EMC EN55032:2012+AC:2013 , Class A CE EMC EN55024:2010 FCC Part 15B , Class A			
Test	Item		Value	Level
IEC 61000-4-2	ESD	Contact Discharge	±4KV	2
		Air Discharge	±8KV	3
IEC 61000-4-3	RS	Radiated(Enclosure)	3 V/m	2
IEC 61000-4-4	EFT	DC Power Port	±1.0KV	2
		Signal Port	±0.5kV	2
IEC 61000-4-5	Surge	DC Power Port	Line to Line ±1.0kV	3
IEC 61000-4-6	CS	0.15-80MHz	3 Vr.m.s	2
IEC 61000-4-8	PFMF	Enclosure	1 A/m	1
IEC 61000-4-11	DIP	AC Power Port	-	-
Shock	IEC 60068-2-27			
Drop	IEC 60068-2-32			
Vibration	IEC 60068-2-64			
RoHS	Yes			
MTBF	55.46 Years (MIL-HDBK-217F)			
Warranty	5 years			

ORDERING INFORMATION

Ordering Information		
Model Name	Part Number	Description
SE5001	1P1SE500100003G	1-port RS-232/422/485(D-Sub) serial server without adapter

Optional Accessories

Model Name	Part Number	Description
UN315-1212 (US-Y)	50500151120003G	Y-Type power adapter, 100~240VAC input, 1.25A @ 12VDC output, US plug, LV6
UNE315-1212 (EU-Y)	50500151120013G	Y-Type power adapter, 100~240VAC input, 1.25A @ 12VDC output, EU plug, LV6
UV305-0510(US-DC)	50500051500003G	DC jack (3.5/1.35/7.5 mm) power adapter, 100~240VAC input, 1.0A @ 5 VDC output, US plug, LV6
UVE305-0510 (EU-DC)	50500051500013G	DC jack (3.5/1.35/7.5 mm) power adapter, 100~240VAC input, 1.0A @ 5 VDC output, EU plug, LV6
UVE305-0510(UK-DC)	50500051500023G	DC jack (3.5/1.35/7.5 mm) power adapter, 100~240VAC input, 1.0A @ 5 VDC output, UK plug, LV6
ADP-DB9(F)-TB5	59906231G	Female DB9 to Female 3.81mm TB5 Converter
DK-25	30200000000022G	DIN Rail Kit