

# Devolinx STE-501C/502C

1/2-Port Ethernet Serial Server



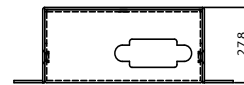
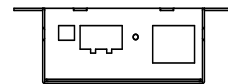
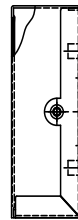
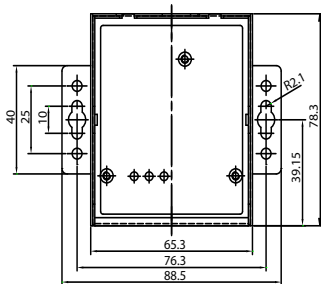
## Features

- ▶ Rugged Metal Case with DIN-Rail / Wall-Mount
- ▶ 15 KV ESD Protection for Serial Signals
- ▶ 10/100Mbps Fast Ethernet Full Duplex Auto Negotiation
- ▶ Supports Multiple Link Mode with TCP Server/Client, UDP, and Virtual COM Mode
- ▶ Monitor, Manage, and Control Industrial Field Devices Remotely
- ▶ Configurable via Built-In Web Server, Serial Console, or Telnet
- ▶ Windows Base Utility for IP Configuration
- ▶ Compact Size
- ▶ Upgradeable Firmware from Remote-PC via Ethernet

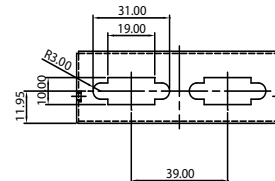
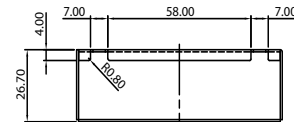
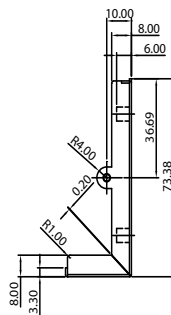
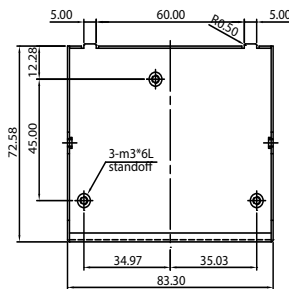


## ▶ Layout / Dimensions (unit = mm)

**STE-501C**



**STE-502C**



## ► Specifications

**CPU**  
16-bit Embedded CPU

**Flash Memory**  
512 KBytes

**SDRAM**  
512 KBytes

**EEPROM**  
512 Bytes

**Network Interface**  
10/100Mbps Fast Ethernet

**Network Protocol**  
TCP/IP, UDP, HTTP, SNMP, ARP, Telnet, ICMP, BOOTP, DHCP

**Reset**  
Built-In Reset Key to Restore Defaults

**Serial Interface**  
RS-232/422/485

**Serial Connector**  
DB9 Male

**Serial Communication**  
Data Rate: 1200 ~ 230400 bps (230Kbps)  
Characters: 7 or 8 Data Bits  
Parity: None, Even, Odd, Mark, Space  
Stop Bits: 1 or 2  
Flow Control: Xon/Xoff, RTS/CTS

**LED Indicators**  
LAN, RUN, and COM

**Software**  
Windows OS Based Configuration Utility, Virtual COM Software

**Configuration**  
Web (HTML), Telnet, Serial Console, and Configuration Utility

**Power Requirement**  
9 ~ 30VDC

**Power Consumption**  
3 Watts

**Operation Temperature**  
0° C to 60° C (32° F to 140° F)

**Storage Temperature**  
-20° C to 85° C (-4° F to 185° F)

**Operation Humidity**  
20% to 90% (Non-condensing)

**Dimension (W x H x D)**  
STE-501C: 65 x 80 x 28 mm (2.56 x 3.15 x 1.10 in.)  
STE-502C: 85 x 75 x 28 mm (3.35 x 2.95 x 1.10 in.)

**Approvals**  
FCC, CE

**Warranty**  
5-Year Warranty

## ► Comparison

Model	STE-501C	STE-502C	STE-601C	STW-601C
Number of Ports	1 Port	2 Ports	1 Port	1 Port
Case Design	Commercial	Commercial	Industrial	Industrial
Flash Memory	512KB	512KB	512KB	10MB (2MB for Bootloader)
SDRAM	512KB	512KB	512KB	32MB
Wireless LAN	No	No	No	Yes
Serial Connector	DB9 Male	DB9 Male	DB9 Male 5 Pin Terminal Block 8 Pin Mini-DIN	DB9 Male 5 Pin Terminal Block 8 Pin Mini-DIN

## ► Ordering Information

**STE-501C** 1 Port Ethernet Serial Server, RS-232 / 422 / 485, DIN-Rail/Wall-Mountable  
**STE-502C** 2 Port Ethernet Serial Server, RS-232 / 422 / 485, DIN-Rail/Wall-Mountable

\*\*\* POWER ADAPTER SOLD SEPARATELY \*\*\*

### Optional Accessories

**PA-STX-US** Power Adapter for STE-501C (USA)  
**PA-STE502-US** Power Adapter for STE-502C (USA)  
**PA-STX-EU** Power Adapter for STE-501C (Euro)  
**PA-STE502-EU** Power Adapter for STE-502C (Euro)  
**DIN-RAIL-KIT** DIN Rail Mounting Kit

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