

STE-501C

1-Port (RS232/422/485) Industrial Serial Device Server



Features

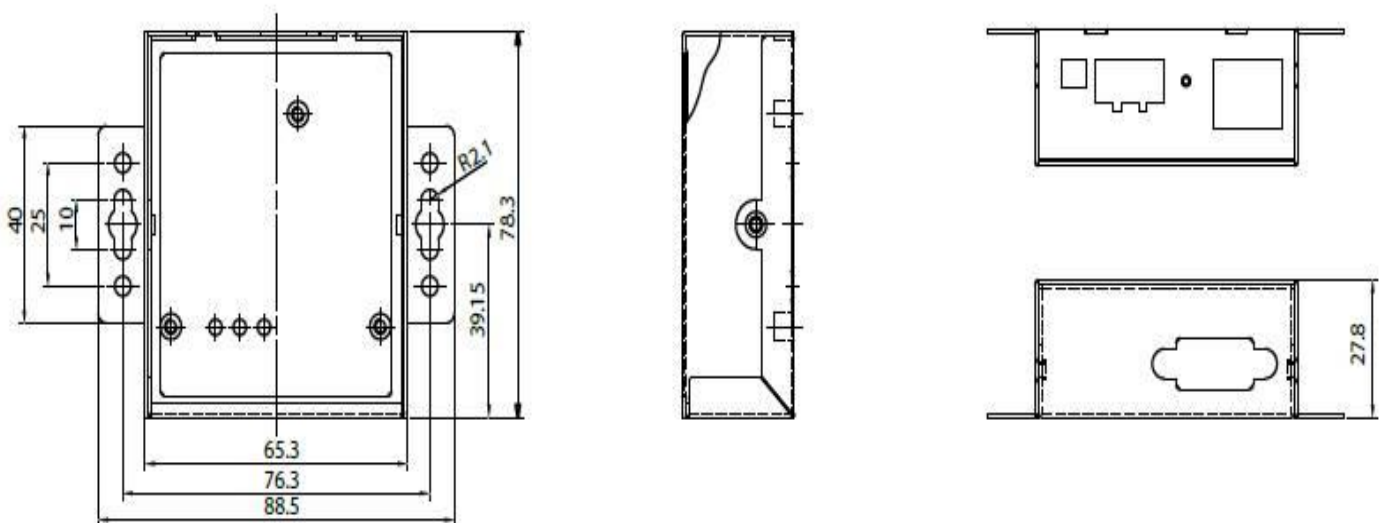
- ▶ Compact Metal Housing with DIN-Rail or Wall-Mount
- ▶ 1-Port RS232/422/485 (Software Selectable)
- ▶ 1-Port 10/100Mbps Fast Ethernet, Full Duplex, Auto Negotiation
- ▶ Built-in 15KV ESD Protection for Serial Signal
- ▶ Configuration via Web Console, Serial Console, Telnet, or Windows Utility
- ▶ Operation Modes: Virtual COM, TCP/UDP Server or Client
- ▶ Power Input: 5V (DC Jack), 9~30VDC (Terminal Block)
- ▶ Operating Temperature: 0°C to 60°C
- ▶ Approval: CE, FCC
- ▶ 5-Year Warranty

INTRODUCTION

Antaira Technologies' STE-501C is an industrial grade Serial-to-Ethernet device server for Ethernet (TCP/IP) and serial signal communications. It's embedded with one serial port (DB9M) with 3-in-1 option for RS232 or 422/485 software selectable, and one RJ45 port for 10/100Mbps Fast Ethernet connection. It provides full-duplex and bi-directional data transparent data transmission between the serial port and the Ethernet network. It can be setup with the built-in ease of use Web Console configuration interface, or via traditional Serial Console, Telnet, or Windows utilities. It supports both Windows and Linux OS with flexible operation modes Virtual COM to access serial device by COM port mapping, or socket mode in TCP/UDP Sever/Client for TCP port setup.

STE-501C provides instant device networking for any legacy serial devices for real-time monitoring, access, or control applications; especially in power/utility, water wastewater treatment, oil/gas and mining, transportation-ITS, factory automation, medical, entertainment, security industries, or any harsh or outdoor environment.

DIMENSIONS



SPECIFICATIONS

Serial Interface

Number of Ports 1*RS232/422/485 (Software Selectable)

Connector 9-Pin D-Sub Male

Serial Line Protection 15KV ESD

Serial Communication Parameters

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

Ethernet Interface

Standard IEEE 802.3

Ethernet Port 1*10/100Mbps, Auto-MDI/MDI-X

Connector RJ45

Software

Network Protocol ICMP, TCP(UDP) / IP, DHCP client, SNMP, HTTP, Telnet

Configuration Web Page / Telnet / Serial console / Windows utility

Operation Modes Virtual COM (Windows & Linux Drivers), TCP/UDP Server/Client

Mechanical Characteristics

Housing Compact - Metal

Dimensions 65mm x 80mm x 28mm

Weight Unit: 0.5 lbs; Shipping: 1.0 lbs

Mounting DIN-Rail; Wall-mount (optional)

Power Requirement

Input Voltage & 5V (DC Jack)

Power Connection 9~30VDC (3-Pin terminal block)

Power Protection Reverse Polarity Protection

Power Consumption 2.7W

Environmental Limits

Operating Temperature 0°C to 60°C

Storage Temperature -20°C ~ 85°C

Ambient Relative Humidity 5 to 95%, (non-condensing)

Regulatory Approvals

Safety EN 60950-1

EMC FCC Class A, CE Class A

Warranty 5 Years

ORDERING INFO

STE-501C 1-Port Industrial RS232/422/485 Serial Device Server

Optional Accessories

PA-STX-US 100-240VAC input, 1.25A @ 12VDC output, US plug

PA-STX-EU 100-240VAC input, 1.25A @ 12VDC output, US plug

DIN-RAIL-KIT DIN-Rail Mounting Kit