STE-6104C-T-V2

4-Port Industrial Serial RS232/422/485 to Ethernet Device Server, with Dual LAN; EOT: -40°C to 85°C; Version 2 Hardware
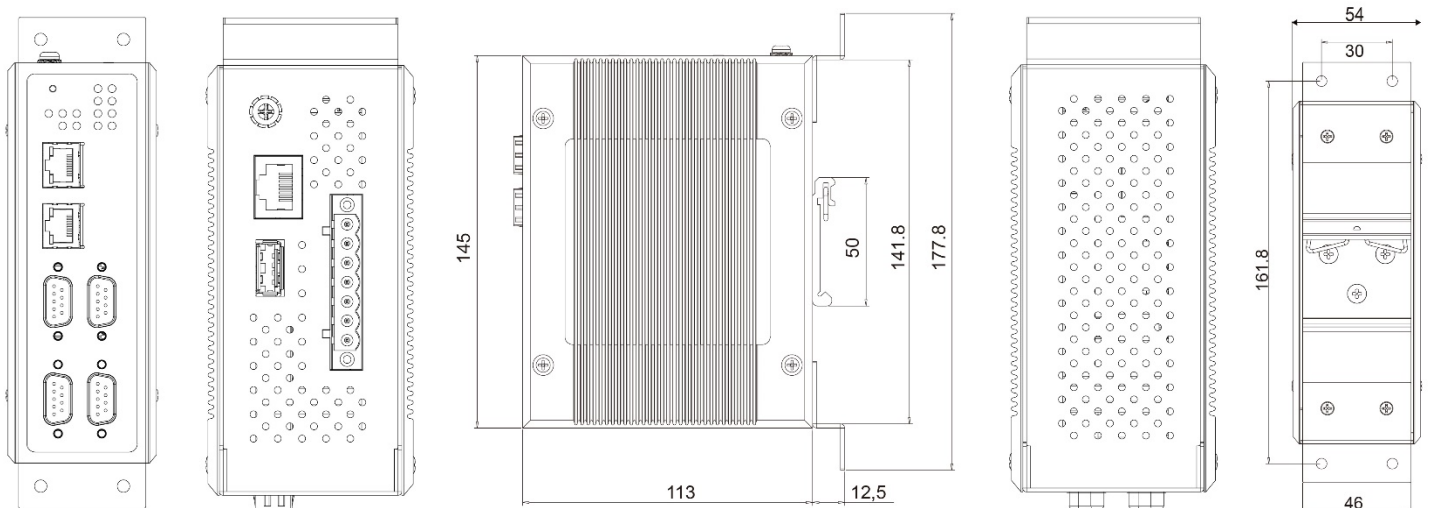
Features

▶ **15KV ESD Protection for Serial Signals**
▶ **Dual 10/100Mbps Fast Ethernet for Redundancy**
▶ **4-Port RS232/422/485, Baud Rate up to 921 Kbps**
▶ **Rigid IP30 Metal Housing**
▶ **RAW TCP Server/TCP Client/UDP/Virtual COM/Tunneling Modes**
▶ **Built-in Web Server/Serial Console/Telnet/Windows-based Utility**
▶ **Monitor, Manage, and Control Industrial Field Devices Remotely**
▶ **DIN-Rail and Wall Mount Support**
▶ **Extended Operating Temperature: -40°C to 85°C**
▶ **5-Year Warranty**

INTRODUCTION

Antaira Technologies' STE-6104C-T-V2 is a 4-port industrial gateway between Ethernet (TCP/IP) and serial communications. It allows almost any serial device RS232/422/485 to be connected to a new or existing Ethernet network. The STE-6104C-T-V2 supports server management options such as web based, Telnet, Serial console and Windows Utility. This industrial serial device has an extended operation temperature from -40°C to 85°C and can be mounted with DIN-Rail (included) or wall mount (sold separately). With its high-speed data rates of up to 921kbps, the STE-6104C-T-V2 is an ideal solution for expanding or upgrading serial RS232, RS422, or RS485 devices onto an Ethernet network.

DIMENSIONS

SPECIFICATIONS

Standards	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet
LAN Mode	Dual Subnets or RSTP Redundancy
TCP Server	Up to 4 connections or Virtual COM / Reverse Telnet Modes
TCP Client	Single destination or Virtual COM Mode
UDP	Up to 4 Ranges of IP
Ethernet Ports	2 Ports
Ethernet Connector	RJ45
Protocols	IPv4, ICMP, TCP, UDP, DHCP Client, SNMPv1, v2c, v3, HTTP, HTTPS, Telnet, SMTP/TLS, RFC2217, 802.1D-2004 RSTP, Security through PPTP, OpenVPN (client/server), IPsec (host-to-host/host-to-side), up to 37.9Mbps throughput
Serial Interface	RS232/422/485 Software Selectable
Serial Ports	4 Ports
Serial Connector	DB9 Male
Serial Communication	Data Rate: 300bps ~ 921.6kbps Parity: None, Even, Odd, Mark, or Space Data Bits: 7, 8 Stop Bits: 1, 2 Flow Control: None, Xon/Xoff, RTS/CTS
USB Port	1*USB Type A connector (USB 2.0)
LED Indicators	P1, P2, RUN, ALM, COM, LAN
Virtual COM	Windows & Linux Port Redirection Software
Configuration	Management Utility, Web UI, Telnet

Power Input	12 ~ 48VDC Redundant Input
Power Connection	7-pin removal terminal block
Power Consumption	Max. 8W
Relay Output	1A @ 30VDC
Operation Temperature	-40°C to 85°C
Storage Temperature	-40°C to 85°C
Operation Humidity	5% to 95% (Non-condensing)
Dimension	55 x 145 x 113 mm (W x H x D)
Housing	IP30 Rated
Weight	Unit: 2.20 lbs. Shipping: 2.50 lbs.
Mounting	DIN-Rail mounting (included), Wall mounting (not included)
EMC	FCC Part 15, Subpart B, Class A EN55032, 55024, 61000-3-2, 61000-3-3, 61000-6-2, 61000-6-4
EMS	EN 61000-4-2 (ESD) Level 4 EN 61000-4-3 (RS) Level 3 EN 61000-4-4 (EFT) Level 3 EN 61000-4-5 (Surge) Level 3 EN 61000-4-6 (CS) Level 3 EN 61000-4-8 (PFMF) Level 3 EN 61000-4-11 (DIP)
Shock	IEC60068-2-27
Free Fall	IEC60068-2-32
Vibration	IEC60068-2-64
Certifications	FCC, CE, UL 61010-1, 61010-2-201
Warranty	5 Years

ORDERING INFO

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