

Devolinx STW-602C

Wireless Ethernet Serial Server - 802.11b/g

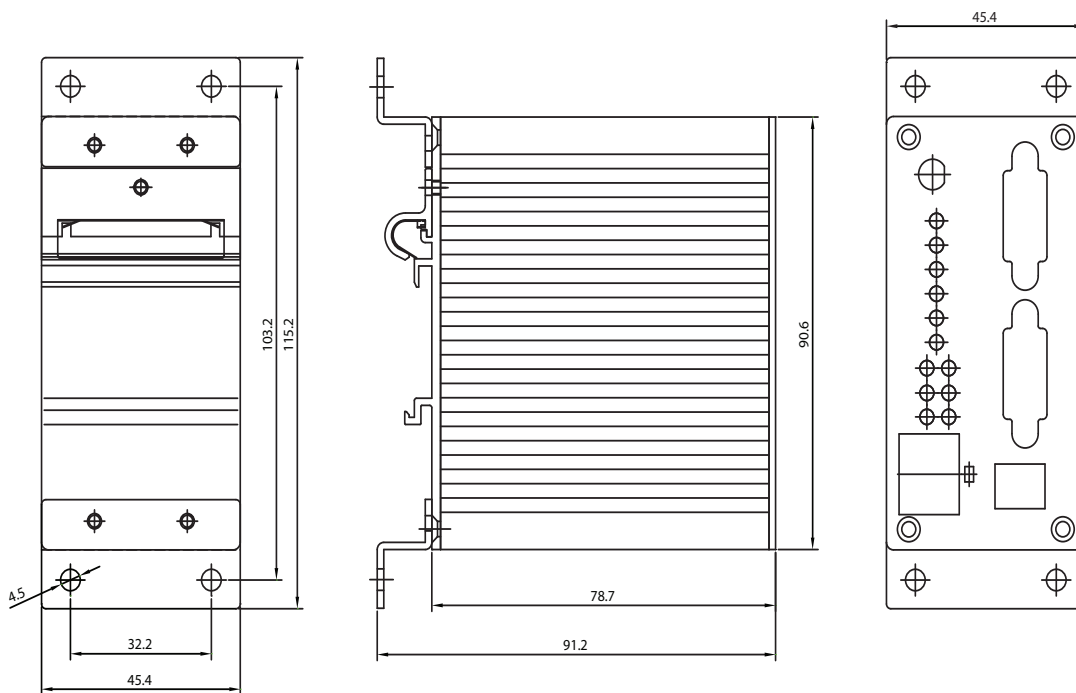


Features

- ▶ Two Serial Port, RS-232/422/485 Software Selectable
- ▶ IEEE 802.11g 54Mbps Wireless Network Connectivity
- ▶ Support UDP, TCP Server/Client Protocols for Virtual COM Mode, and Tunneling Mode Interface
- ▶ Configurable via Console, Telnet, Built-In Web Server, or Windows Based Utilities
- ▶ Upgradeable Firmware via Wired or Wireless Network
- ▶ IP50 Standard Metal Housing
- ▶ 15 KV ESD Protection for Serial Ports
- ▶ Compact Size



▶ Specifications



► Specifications

CPU

32-bit 150MHz RISC Processor with MMU

Flash Memory

2 + 8 MB (2 MB for Bootloader)

SDRAM

32 MB

Wireless LAN

IEEE 802.11b/g Compliant
WEP 64-bit/128-bit Data Encryption
WPA-PSK Compatible (TKIP/AES Encryption)
Modulation Type: CCK, DQPSK, DBPSK, OFDM (11g)
Tx Power 11b: 15dBm / 11g: 14dBm
Rx Sensitivity: -66dBm@54Mbps, -80dBm@11Mbps
Transmission Rate: 54Mbps (max.) with Auto Fallback
Transmission Distance: Up to 300 meters (@12Mbps, in open areas)
Topologies: Infrastructure, Ad-Hoc
Antenna Connector: Reverse SMA

Ethernet

10/100M Auto-Negotiation
Protection: Built-In 1.5KV Magnetic Isolation
Configuration with Telnet Protocol

Serial Communication

Supports RS-232/422/485 & Software Selection
Baud Rate: 110bps ~ 921Kbps
Parity: None, Odd, Even, Mark, Space
Data Bit: 5, 6, 7, 8
Stop Bit: 1 or 2
Flow Control: None, Software, Xon/Xoff, Hardware: RTS/CTS
Protection: Terminal Block or DB9 Connector with 15KV ESD

Software

Protocols: ICMP, IP, TCP, UDP, DHCP Client, Telnet, DNS, SNMP, HTTP, SMTP, SNTF
Utilities for Windows 98/2000/XP/2003
Virtual COM for Windows 98/2000/XP/2003

Configuration

Web Browser, Telnet, Serial Console, and Windows Utility

Power Requirement

Input: DC 9 ~ 48V

Power Consumption

Max. 4.5W (Tx Mode)

Operation Temperature

-20° C to 70° C (-4° F to 158° F)

Storage Temperature

-40° C to 85° C (-40° F to 185° F)

Operation Humidity

5% to 95% (Non-condensing)

Dimension (W x H x D)

45 x 91 x 80 mm (1.77 x 3.58 x 3.15 in.)

Regulatory Approvals

EMC: FCC Class A, CE Class A
Safety: UL

Warranty

5-Year Warranty

► Comparison

Model	STE-501C	STE-502C	STE-601C	STW-601C	STW-602C
Number of Ports	1 Port	2 Ports	1 Port	1 Port	2 Port
Case Design	Commercial	Commercial	Industrial	Industrial	Industrial
Flash Memory	512KB	512KB	512KB	10MB (2MB for Boot-loader)	2+8MB (2MB for Bootloader)
SDRAM	512KB	512KB	512KB	32MB	32MB
Wireless LAN	No	No	No	Yes	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	DB9 Male 9-Pin Connector

► Ordering Information

STW-602C

Dual Port, IEEE802.11b/g, D-Type COM Port, Wireless Ethernet Serial Server, RS-232 / 422 / 485

*** POWER ADAPTER SOLD SEPARATELY ***

Optional Accessories

PA-STX-US

Power Adapter for STE/STW-501/601 (USA)

PA-STX-EU

Power Adapter for STE/STW-501/601 (Euro)

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