



# STE100A-232

RS232 Serial Server

# STE100A-Serial

RS485/232 Serial Server

The IP Device Server provides the serial device server for hosts to control RS-232, 2 or 4 wire asynchronous RS-422/485 serial devices located virtually anywhere through a TCP/IP or UDP/IP connection. The Device Server has the DB9 port connection on one side, and a 10/100 Mbps Ethernet connection on the other side. It connects serial devices such as PLC, alarm sensors and PTZ camera control to IP networks. Applications include industrial/factory automation, public safety and surveillance systems. The IP Device Server Windows driver is designed to control the IP Serial Server devices. The driver installs a virtual COM on Windows which maps the virtual COM port to the IP address of the IP Serial Server device across the network, enabling the Windows applications to access remote serial devices over Ethernet. IP Device Server can function as a UDP or a server or client for TCP connection. The application scenarios are direct IP mode, virtual COM mode, and paired mode.

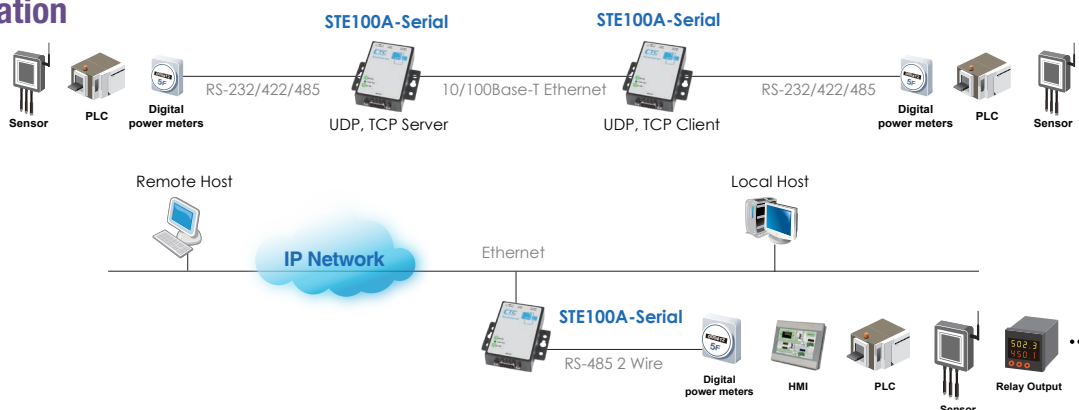
## Features

- 10/100Mbps Ethernet port
- 230.4kbps serial interface
- TCP Server, TCP client, Virtual com mode, UDP
- Supports for DHCP, HTTP, ICMP, ARP, IP, UDP, TCP
- Support Virtual COM
- Easy to use with Windows utility
- 2 Wire (half duplex) or 4 Wire (full duplex) RS-422/485 (STE100A-Serial)
- Configurable IEEE 802.3 DA/SA assignment
- Flexible RS-232/422/485 Interface (STE100A-Serial)
- Configuration by web browser
- Low power consumption with 12VDC input
- Wall mount, or Din Rail optional

## Specifications

<b>General</b>	LED Ready, TP Link/Act, Data TX/RX	<b>Protocols</b>	TCP, UDP, IP, ARP, ICMP, HTTP, DHCP
	OS supported Windows XP / 2000 / 2003 / 2008 / VISTA / WIN7 / WIN8	<b>Management</b>	Web pages, Firmware upgrade
<b>Serial Interface</b>	STE100A-Serial I : RS-232/422/485	<b>Security</b>	Password Access
	STE100A-232 : RS-232	<b>Power</b>	12VDC external switching power adapter
<b>Serial Connector</b>	DB9 Male	<b>Operating Temperature</b>	0 ~ 60°C
<b>Baudrate</b>	110 to 230.4Kbps	<b>Storage Temperature</b>	-10 ~ 70°C
<b>Data bits</b>	5, 6, 7, 8	<b>Humidity</b>	0 – 90% non-condensing
<b>Stop bits</b>	1, 1.5 for Data bits 5 mode; 1, 2 for data bits 6, 7, 8 mode	<b>DIN rail mount</b>	DIN-Rail Mounting Kit (Optional)
<b>Parity</b>	None, Even, Odd	<b>Panel mount</b>	Yes
<b>Flow Control</b>	None or RTS / CTS for RS-232 Full Duplex (4-Wire) or Half Duplex (2-Wire) for RS-422/485	<b>Dimensions</b>	85.8 x 84.2 x 22mm (D x W x H) with DIN-Rail Mounting Kit
<b>Data Packing Delimiter</b>	1, 2	<b>Certifications</b>	CE, FCC
<b>LAN Interface</b>	RJ-45 connector, IEEE 802.3 10/100Base-TX	<b>MTBF</b>	2,501,030 Hours (STE100A-232) 2,385,346 Hours (STE100A-Serial) (MIL-HDBK-217)
<b>Communication Modes</b>	TCP Server, TCP Client, Virtual COM mode, UDP		

## Application



## Appearance

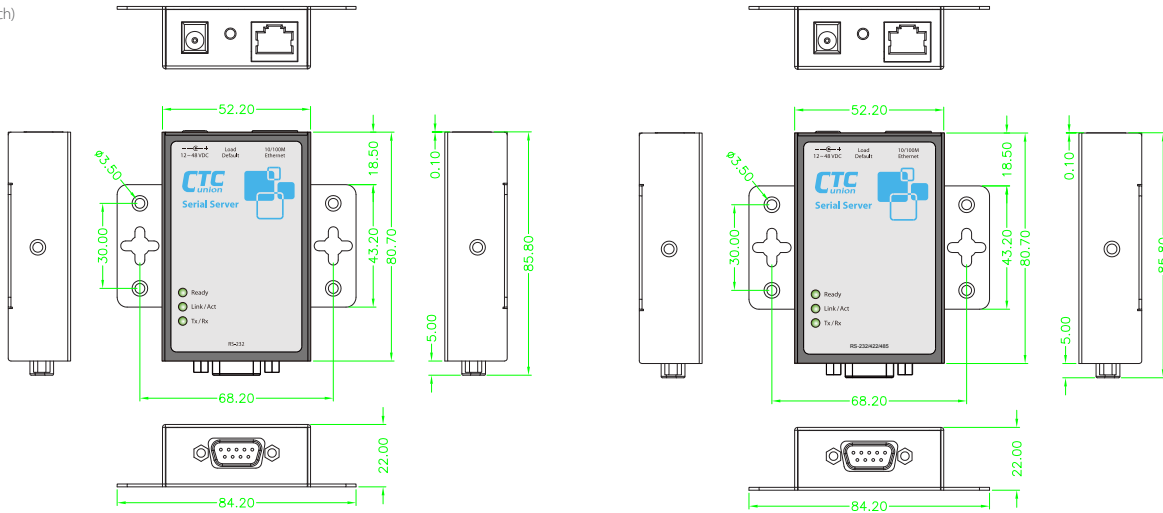


## Dimensions

STE100A-232

STE100A-Serial

Unit: mm (inch)



## Ordering Information

Model Name	Description
STE100A-232	1-port RS232 device server with AC power adapter
STE100A-Serial	1-port RS232/422/485 device server with AC power adapter

### Package List

- One device of the series
- 12V DC Switching power adapter
- CD (VCOM, Manual)
- Rubber Foot

## Optional Accessories

### Terminal & Wall Mount Kit

STE100A-Serial-WT	STE100A-Serial DB9 wiring terminal
STE100A/DRK01	STE100A/RS232,STE100A/Serial DIN-Rail Mounting Kit

### Industrial Power Supply

DC-APT/12V	-48VDC to 12VDC Adapter - 0.83 Amp, 10 Watts , Output 12VDC, Input -48VDC
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