

STE100A-232

1-Port RS-232 IP Device Server

STE100A-Serial

1-Port RS-232/422/485 IP Device Server

The IP Device Server provides the serial device server for Windows 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

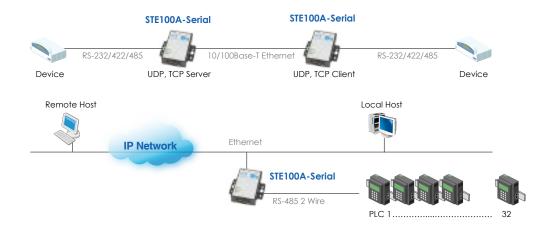
- 10/100Mbps Ethernet port
- 230.4kbps serial interface
- TCP Server, TCP client, Virtual com mode, UDP
- Supports for DHCP, HTTP, ICMP, ARP, IP, UDP, TCP
- Easy to use with Windows utility
- 2 Wire(half duplex) or 4 Wire(full duplex)RS-422/485 (STE100A-Serial)
- Configuration by web browser
- Flexible RS-232/422/485 Interface (STE100A-Serial)
- Low power consumption with single + 12V to +48V input

Specifications

General	LED	Ready, TP Link/Act, Data TX/RX
	OS supported	Windows XP / 2000 / 2003 / 2008 / VISTA / WIN7 / WIN8
Serial Interface	STE100A-Seria I : I STE100A-232 : RS	
Serial Connector	DB9 Male	
Baudrate	110 to 230.4Kbp	S
Data bits	5, 6, 7, 8	
Stop bits	1, 1,5 for Data bits 5 mode; 1, 2 for data bits 6, 7, 8 mode	
Parity	None, Even, Od	d
Flow Control	None or RTS / CT Full Duplex(4-Wi	S for RS-232 re) or Half Duplex(2-Wire) for RS-422/485
Data Packing Delimiter	1,2	
LAN Interface	RJ-45 connecto	r, IEEE802.3 10/100Base-TX

Communication Modes	TCP Server, TCP Client, Virtual COM mode, UDP	
Protocols	TCP, UDP, IP, ARP, ICMP, HTTP, DHCP	
Management	Web pages, Firmware upgrade	
Security	Password Access	
Power	12VDC	
Operating Temperature	0 ~ 60°C	
Storage Temperature	-10 ~ 70°C	
Humidity	0 – 90% non-condensing	
DIN rail mount	Yes	
Panel mount	Yes	
Dimensions	85 x 50 x 21mm (D x W x H)	
Certifications	CE, FCC	

Application

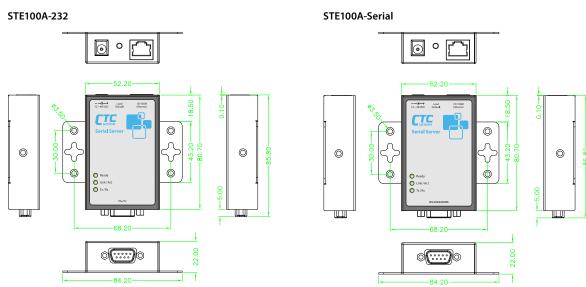


Appearance



Dimensions

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	
Optional accessories		
STE100A-Serial-WT	STE100A-Serial DB9 wiring terminal	
STE100A/DRK01	STE100A/RS232,STE100A/Serial DIN-Rail Mounting Kit	
Optional Power		
DC-APT/12V	-48VDC to 12VDC Adapter - 1 Amp, 10 Watts , Output 12 VDC, Input -48VDC	



