

RS-232 IP Device Server STE100A / RS232



The IP Serial Server provides the serial device server for Windows hosts to control serial devices located virtually anywhere through a TCP/IP or UDP/IP connection. The IP Serial Server has the asynchronous serial port connection on one side, and a 10/100 Mbps Ethernet connection on the other side. It connects devices, such as CNC, weight scales, and scanners. Applications include industrial/factory automation, automatic warehouse control, and hospital/laboratory automation. The IP Serial 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 Serial 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. When in the paired mode one IP Serial Server must set as a client and the other must set as a server in TCP connection.

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, Telnet
- Easy to use with Windows utility
- Configuration by web browser
- Compact size 53x85x21(mm)
- Low power consumption with single + 12V to +48V input

Specifications

General

LED: Ready, TP Link/Act, RS232 Tx/Rx
 Push button for Load Default Configuration
 OS supported: Windows XP/2000/2003/2008/VISTA/WIN7

Serial Interface RS-232

Serial Connector DB-9 male (DTE)
Baudrate 110 to 230.4Kbps
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, Odd
Flow Control None, RTS/CTS
Data Packing Delimiter 1,2

LAN Interface

RJ-45 connector, IEEE802.3 10/100BaseT, Auto-detecting, Full/Half-duplex

Communication Modes

TCP Server, TCP Client, Virtual COM mode, UDP

Protocols

TCP, UDP, IP, ARP, ICMP, HTTP, DHCP, ICMP, Telnet
 Client requests connection at Power up
 TCP Inactivity Time (TCP alive time)

Management

Web pages, Firmware upgrade

Security Password Access

Power AC Adapter, 12VDC output

Operating Temperature 0°C ~ 60°C

Storage Temperature -10°C ~ 70°C

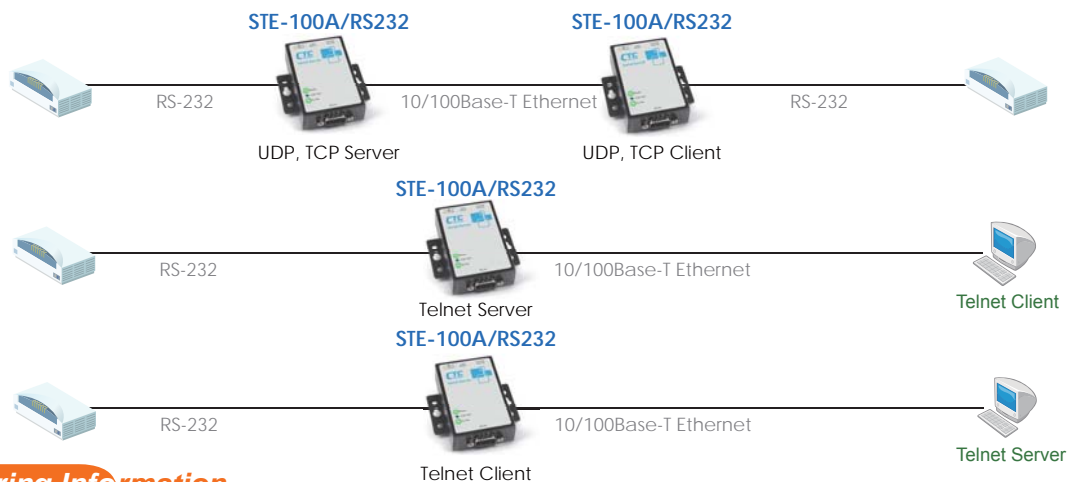
Humidity 0 ~ 90% non-condensing

DIN rail mount Yes

Panel mount Yes

Dimensions 53 x 85 x 21mm (W x D x H)

Certifications CE, FCC



Ordering Information

Model Name	Description
STE100A/RS232	RS232 IP device server