



STE100A/DRK01



STE100A/RS232 RS-232 IP Device Server

The IP Device Server provides the serial device server for Windows hosts to control asynchronous RS-232 serial devices located virtually anywhere through a TCP/IP or UDP/IP connection. The Device Server has the serial port connection on one side, and a 10/100 Mbps Ethernet connection on the other side. It connects serial devices such as CNC, weight scales, and scanners to IP networks. Applications include industrial/factory automation, automatic warehouse control, and hospital/laboratory automation. 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, Telnet
- Easy to use with Windows utility
- Configuration by web browser
- Low power consumption with single + 12V to +48V input

Specifications

General	LED	Ready, TP Link/Act, RS232 TX/RX
	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 10/100Base-TX, Auto-detecting, Full/Half-duplex	

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



Ordering Information

Model Name	Description
STE100A/RS232	RS-232 IP device server
STE100A/DRK01	STE100A/RS232 DIN-Rail Mounting Kit
Optional Power	
DC-APT/12V	DC(±24 / ±48VDC) to DC(12VDC) Isolated Power Adapter

Serial Type
STE100A /
 Example: STE100A / RS232