

Model:UT-6602

10/100M TCP/IP to 1-Port RS-232/485/422 Serial Device Server

Datasheet



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1. Overview

UT-6602 serial communication server, also called terminal server or serial server, is a converter between asynchronous serial port RS-232/422/485 and Ethernet. It is a standalone intelligent device with CPU and embedded OS and complete TCP/IP protocol stack. It completes transparent data transmission between RS-232/422/485 and Ethernet in both directions and allows RS-232/422/485 serial devices to connect to the network immediately.

2. Main functions and features

- Support 10/100M TCP/IP to 1 port RS-232/485/422 serial device server

3. Technical Parameters

Hardware Features

- English menu configuration interface, rich operation mode, to meet the application of different industries.
- Provide Windows virtual COM driver software.
- Flexible and reasonable Fixedtty operating mechanism under UNIX.
- With 2 serial ports, it can connect to various serial devices such as terminals, Modem, barcode machines, cash registers, ISDN, terminal adapters, serial printers and PCs, and can realize remote control functions.
- With Reset button to force reset in case of machine crash.
- With 10/100M adaptive Ethernet port, supporting manual setting.
- Each serial port provides a full range of signals, including (RS-232: DCD, RXD, TXD, DTR, DSR, RTS, CTS, GND;), (RS-485/422: TxD+, TxD-, RxD+, RxD-)
- 32-bit embedded 100 M CPU, 2M RAM, powerful overall performance.
- Independent indicators for each network and serial port, which conveniently indicate the operating status.

Software Features

- Supports ARP, IP, ICMP, UDP, TCP, PPP, HTTP, TELNET, DNS, DHCP, PAP, CHAP and other protocols
- Support Windows extended serial port mode

A comprehensive Windows-based serial port (com) driver with a simple and easy-to-use Windows-based management program. It can drive up to 1024 serial ports under WindowsNT/Windows2000/WindowsXP. In this mode, each serial port of UT-6602 serial server can be mapped to the local COM port of the Window host. This means that using these serial ports is like using the local COM port on the host computer, and also represents all existing serial ports applied on the It also means that all existing software or communication modules applied on the original serial devices can be used directly without modification.

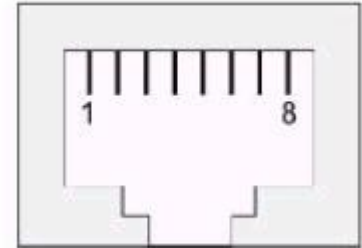
Product Features

- Support dynamic IP (DHCP) and static IP.
- Support gateway and proxy server, which can transmit data through Internet.

- Provide 2-way transparent transmission of data and realize serial port to TCP/IP function, users do not need to make any modification to the original system. Internal integration of ARP, IP, TCP, HTTP ICMP, SOCKET, UDP and other protocols. All programs provide full English interface with setup wizard, as long as you can use the computer can be used.

4. Serial port pin definition description

RJ45	RS-232	RS-485 HALF	RS-485 FULL	RS-422
1	TxD	DATA+	TxD+	TxD+
2	RxD	DATA-	TxD-	TxD-
3	RTS		RxD+	RxD+
4	CTS		RxD-	RxD-
5	DSR			
6	GND	GND		GND
7	DTR			
8	DCD			



5. Product View (Appearance)



6. Ordering

Model	Signal/ Interface					Operating Environment				Power		
	TCP/IP	RS-232/485/422	Port number		Protection level		Baud rate	Temperature		Humidity	plug and play	External power
	RJ45	RJ45 Female	TCP/IP	RS-232/485/422	TCP/IP	RS-232/485/422		-10~60 ℃	-40~85 ℃			
UT-6602	√	√	1	1*RS-232 2*RS-485/422			50-460.8 Kbps	√		√		+5VDC