

Serial Device Server

■ ■ ■ USR-TCP232-410

Serial device easy to Network

USR-TCP232-410 is a cost effective serial server, that allow almost any RS232/RS485 devices to be connected to a new or existing Ethernet and Internet.

Serial server realize two-way data transparent transmission between COM and TCP/IP network interface.

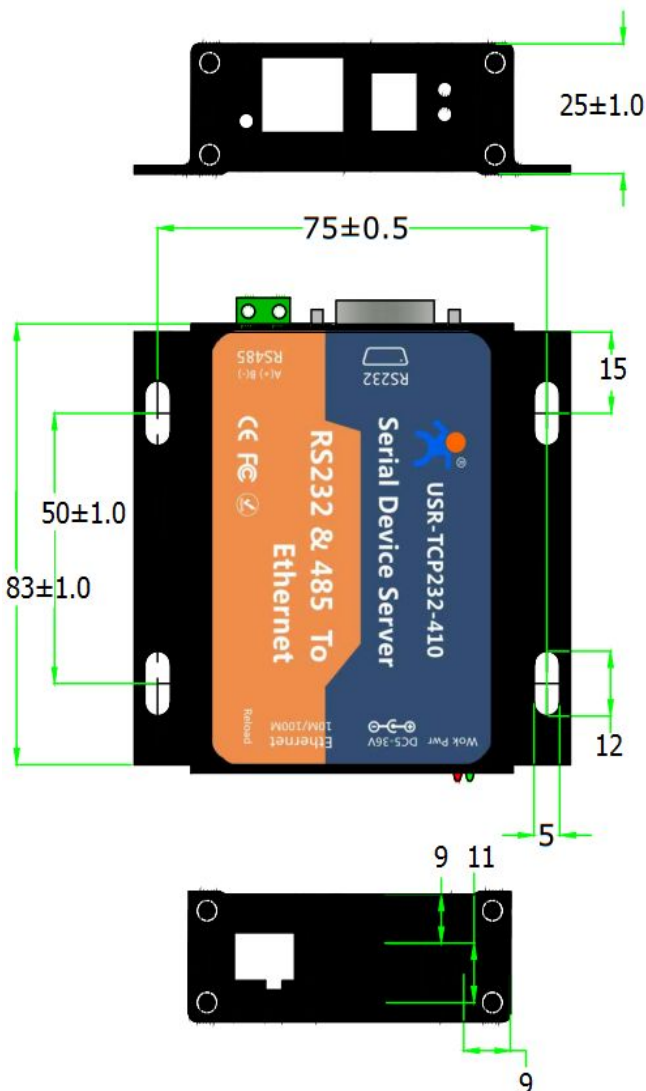
To enable the serial devices connect to ethernet, greatly extending serial interface communication distance.

■ ■ ■ RS232&RS485 to Ethernet

- Support up to 8 Socket link from client when act as TCP Server
- Support virtual serial port, provide corresponding software
- Upgrade firmware via Ethernet
- Modbus TCP to Modbus RTU, work as slave
- HTTPD Client and Websocket function available

- Provide PC TCP/IP SOCKET programming example, VB, C++, Delphi, Android, IOS

- The global unique MAC address bought from IEEE, defined MAC address is available
- Wide voltage input 5 ~ 36V, more applications
- Support DNS & DHCP, automatically access IP
- Reload button, a key restore default Settings



Specifications	
System Information	
Processor	Cortex-M4
Basic Frequency	120MHz
Flash	512K byte
Ethernet	
Port Number	1
Interface Standard	8 pin RJ45
Rate	10/100 Mbps auto-detection
Receive Buffer	Max 16k bytes buffer
Network Protocol	IP, TCP, UDP, DHCP, DNS, HTTP, ARP, ICMP Web socket, HTTPD Client
Protection	2KV electromagnetism isolation shell insulation blocking
Auto MDI/MDIX	Yes
Serial	
Ports	2-ports
Interface	RS-232*1, 9-pin D-sub RS-485*1, 2 wire (A+, B-) Can work at the same time
Baud Rate	RS-232: 600 bps ~ 256K bps RS-485: 600 bps ~ 1024K bps
Data Bits	5, 6, 7, 8
Stop Bit	1, 1.5, 2
Check Bit	None, Even, Odd, Space, Mark
Flow Control	Hardware: RTS/CTS
Buffer	Send and receive 2k bytes respectively
Protection	RS-485: 2KV ESD, lightning protection
Resistor	RS-485 Pull-up and Pull-Down: 2.2 KΩ
Software	
Virtual Serial	Windows 2000 or higher (32 bit/64 bit)
Configuration	Webpage/ Set-up software/ Serial command
Basic Parameter	
Dimensions	90 x 84 x 25 mm (including shell and terminals)
Operating Temp.	-40 ~ 85°C
Storage Temp.	-40 ~ 85°C, 5 ~ 95% RH
Power	
Input	DC 5 ~ 36V
Working Current	86.5mA (85~87.9) @ 5V 44.3mA (43.7~45.1) @ 12V
Consumption	<1W
Accessories	
Power Adapter	5V1A power supply
DB9 cable	Female to female serial cable
More	
Certificate	CE, FCC, ROHS
Warranty	2 years

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