## Serial to Ethernet Converter

USR-TCP232-306

## Serial Ethernet data transmission

USR-TCP232-306 is a serial rs232/rs485/rs422 to

Ethernet server, used for data transparent transmission. It is a low-cost serial device server, whose function is to realize bidirectional transparent transmission between rs232/rs485/rs422 and Ethernet. USR-TCP232-306 is internally integrated with TCP/IP protocol. User can apply it to device networking communication.

- RS232&RS485&RS422 to Ethernet
- Support DNS function

■ Support DHCP, automatically obtain an IP address and query IP address through serial setting protocol

- Set parameters through webpage
- Upgrade firmware via network
- Auto-MDI/MDIX, RJ45 port with 10/100Mbps

■ Serial port baud rate from 600 bps to 230.4 Kbps,

Check bit of None, Odd, Even, Mark and Space ■ Work mode: TCP Server, TCP Client, UDP Client, UDP

Server, HTTPD Client

Restore factory default

Heartbeat package mechanism to ensure connection is reliable, put an end to dead link

■ User-defined registration package mechanism, check connection status and use as custom packet header

- Across the gateway, switches, routers Basic Parameter
- The global unique MAC address bought from IEEE, user

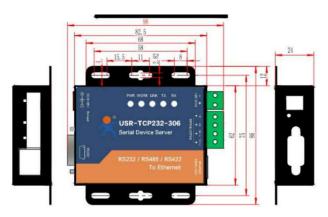
Support virtual serial port and provide corresponding software USR-VCOM

Under TCP Server mode, Client number ranges from 1 to 16; default number is 4

Can work in LAN, also can work in the Internet

Provide PC TCP/IP socket programming example such

- as VB, C++, Delphi, Android and IOS
- Support customization



## Specifications Coriol

Serial	
Port Number Interface Standard Data Bit Stop Bit Check Bit Baud Rate Buffer	1 RS-232: DB9 RS422/RS485 4 wire 5, 6, 7, 8 1, 2 None, Even, Odd, Space, Mark 600 bps ~ 230.4 Kbps Receive: 800 bytes
Ethernet	
Rate Interface Standard Port Number Network Protocol Protection Buffer	10/100 Mbps, MDI/MDIX, auto switch between cross and direct connection RJ45 1 IP,TCP,UDP,DHCP,DNS,HTTP,ARP,ICMP 2KV electromagnetism isolation Shell insulation blocking Send: 6K bytes Receive: 4K bytes
Software	
Virtual Serial (USR-VCOM) Configuration	Windows 2000 or higher (32 bit/64 bit) Computer set-up software Serial command Built-in webpage
Basic Parameter	
Size Operating Temp. Storage Temp. Input Voltage Working Current Accessory	98.0 x 85.0 x 24.5 mm -25 ~ 75°C -40 ~ 105°C 5 ~ 95% RH DC 5 ~ 36V 52mA @ 12V 109mA @ 5V 5V1A power supply

DB9 cable Female to female serial cable