

USR-TCP232-310 Serial to Ethernet Device Server

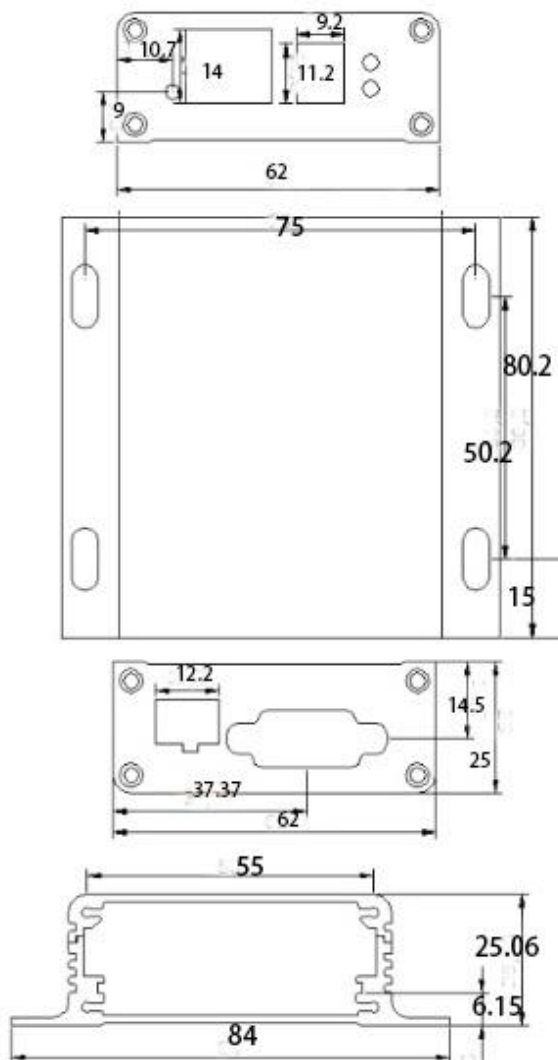
USR-TCP232-310 Introduction

It is a low-cost serial device server to realize transparent transmission between RS232 / RS485 and Lan .

User can directly process data interaction through network to realize remote data acquisition, remote control.

USR-TCP232-310 Features

- ◎Support DHCP / DNS.
- ◎Webset :Setting parameters through web or a serial port.
- ◎Support virtual serial port .
- ◎Support AUTO MDI / MDIX , can use a crossover cable or parallel cable connection.
- ◎Work model:TCP Server /TCP Client /UDP Server /UDP Client
- ◎Unique heartbeat package mechanism to ensure connection is reliable , put an end to connect feign death.
- ◎Can work in LAN, also can work on the Internet
- ◎Across the gateway, across switches, routers.
- ◎Upgrade firmware via network.
- ◎Support RS232 or RS485 interface.



Specification

System information

Processor ARM

Flash 32K byte

Ethernet

Port Number 1

Interface Standard 4 Pin RJ45

Rate 10/100 Mbps , MDI/MDIX auto-detection between crossand direct connection

Buffer Send : 4K bytes Receive : 2K bytes

Network Protocol IP / TCP / UDP / ARP / ICMP

Protection 2KV electromagnetism isolation

Shell insulation blocking

Serial

Ports 2-ports

RS232*1, DB9

Interface RS485*1, 2 Wire (A+, B-)

Can not work at same time

Baud Rate 600~460.8K

Data Bits 5, 6, 7, 8

Stop Bit 1, 2

Check Bit None, Even, Odd, Space, Mark

Flow Control No

Buffer RX : 800 byte , TX : Null

Protection RS485 : 2KV ESD, lightning protection

Resistor RS485 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

Parameter

Dimensions 90 x 84 x 25 mm (include shell and terminal)

Operating Temp -25~ 75°C

Storage Temp -45 ~ 105°C, 5 ~ 95% RH

Power

Input VDD 5 ~ 18V

Working Current 110mA(aver)@5V

Consumption <1W

Accessories

Power Adapter 5V1A power supply

DB9 cable 1 Piece

More

Certificate Pending

Warranty 2 years

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