

USR-TCP232-2 Serial to Ethernet Module

USR-TCP232-2 Introduction

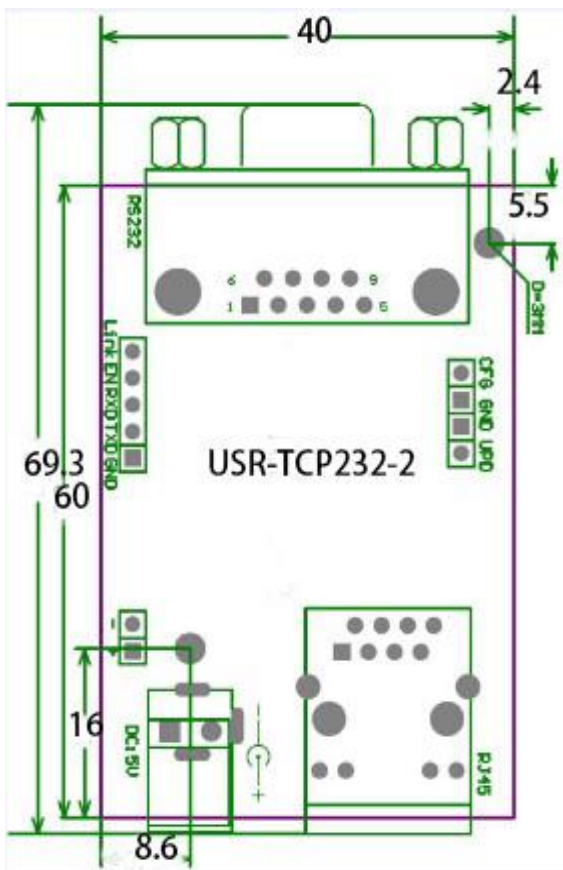
It is a data transparent transmission equipment for converting TCP or UDP socket data to serial RS232

It has characters of low price, low power consumption, 32 bits ARM on board, high speed and high stability.

USR-TCP232-2 Features

- ◎10/100M auto detect interface, 5 V RS232 level
- ◎Support AUTO MDI/MDIX , can use a crossover cable or parallel cable connection
- ◎Work model : TCP Server /TCP Client /UDP Server /UDP Client
- ◎Network protocol : ETHERNET /ARP/ IP /UDP/ TCP /ICMP
- ◎32 bits ARM CPU inside
- ◎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.
- ◎Under UDP mode, Packet Broadcast is prohibited , with stronger anti-interference ability.
- ◎Transmission distance : RS232 – 15 meters
- ◎Virtual serial port supported

USR-TCP232-2 Size(Unit : mm)



Specification

System information

Processor	ARM
Flash	32K byte

Ethernet

Port Number	1
Interface Standard	4 Pin RJ45
Rate	10/100 Mbps, MDI/MDIX auto switch between cross and direct connection
Buffer	Send : 2K bytes Receive : 1K bytes
Network Protocol	IP / TCP / UDP / ARP / ICMP
Protection	2KV electromagnetism isolation

Serial

Ports	1-Port
Interface	RS-232 DB9 type
Baud Rate	RS-232 : 300~460.8K
Data Bits	5, 6, 7, 8
Stop Bit	1, 2
Check Bit	None, Even, Odd, Space, Mark
Flow Control	Null
Buffer	Send and receive 800 bytes
RS-485 Resistor	Null, reserved 485 send-receive control pin

Software

Virtual Serial	Windows 2000 or higher (32 bit/64 bit)
Configuration	Computer set-up software/ Serial command

Parameter

Dimensions	69.3 x 40.0 x15.0 (mm)
Operating Temp	-25~ 75°C
Storage Temp	-45 ~ 105°C, 5 ~ 95% RH (no condensation)

Power

Input	VDD 5 ~ 7 V
Working Current	150mA (Aver) @5V
Consumption	<1W

Accessories

Power Adapter	Null
DB9 cable	Null

More

Certificate	CE,FCC
Warranty	2 Years

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