USR-TCP232-200 Serial to Ethernet Device Server
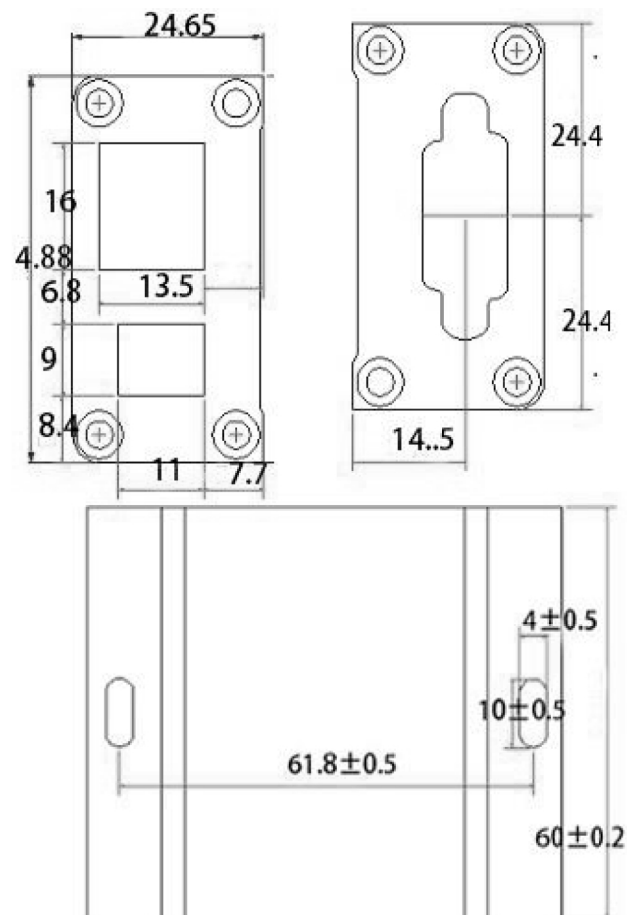
USR-TCP232-200 Introduction

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-TCP232-200 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

◎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-TCP232-200 Size(Unit : mm)

Specification

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	RS232 DB9 type
Baud Rate	RS232 : 300～460.8K
Data Bits	5, 6, 7, 8
Stop Bit	1, 2
Check Bit	None, Even, Odd, Space, Mark
Flow Control	Null
Buffer	RX : 800 byte TX : Null
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	71 x 60 x 25（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	5V1A
DB9 cable	Null
More	
Certificate	CE,FCC
Warranty	2 Years