

NP302T-2D (RS-232)

2-Port RS-232 to Ethernet (10/100M)

Serial Device Server

Features

- Support 10/100M Ethernet
- Support 2 Port RS-232
- Supports 300bps~115200bps non-blocking communication
- Supports TCP, UDP, ARP, ICMP, HTTP, DNS and DHCP protocols
- Supports TCP Server, TCP Client, UDP Server, UDP Client, UDP Multicast, UDP Rang, Pair Slave, Pair Master and Real Com working mode
- Supports cross-gateway and cross-router communication
- Supports the polling mode and FIFO function
- Supports delimiter matching communication
- Compatible with a variety of virtual serial port management software
- Supports for standard TCP/IP SOCKET application access
- Supports Windows serial driver mode
- Supports virtual serial COM port access
- Supports network interruption automatic recovery
- Provides easy-to-use, configurable Windows configuration tools for bulk installation
- Supports WEB and serial port and other forms of configuration
- Industrial grade design, IP30 protection grade
- No fan, low consumption design
- Working temperature: -40~75°C



Introduction

NP302T-2D (RS-232) is a high performance, industrial grade serial to Ethernet server, it can satisfy some kinds of customer requirements in consumption, temperature, volume and handle ability. It provides 2 port RS232 (RS-232 connector: RJ45) and 1 port 10/100Base-Tx Ethernet, can focus manage disperse serial device, master through network, easy, convenience. In application, can configure, upgrade through WEB.

Moreover, NP302T-2D (RS-232) provide strong function configuration tools based in Windows platform, it can guide user configure the device step by step, all configurations are coming true by WEB or Telnet, support cross-gateway and cross-router, user can flexible configure IP address, server and client mode, data bag size etc.

NP302T-2D (RS-232) adopts EMC protection design, can work in rugged environment.

Specification

Ethernet port

Standard: 10Base-T, 100Base-TX

Protocol: Support TCP, UDP, APR, ICMP and DHCP

Signal: Rx+, Rx-, Tx+, Tx-

Speed: 10/100Mbps

Working: Full-duplex and half duplex

Working mode: Support TCP Server and Client

Transfer distance: 100m

Connector: RJ45

RS232 port

RS232 port number: 2

RS-232 signal: DCD, RXD, TXD, DTR, GND, DSR, RTS, CTS

Parity bit: None, Even, Odd, Space, Mark

Data bit: 5bit, 6bit, 7bit, 8bit

Stop bit: 1bit, 1.5bit, 2bit
 Band rate: 300bps~115200bps
 Loading: point to point
 Transfer distance: no more than 15m
 Connector: RJ45
 Protection: class 3 static

LED Indicator

Power (PWR)
 Ethernet port connect statue (Link)
 RS232 port data indicator: TX1~2, RX1~2

Power requirements

Input voltage: 9~48VDC
 No-load consumption: 0.66W@12VDC
 Full-load consumption: 0.67W@12VDC

Environment limits

Working temperature: -40~75°C

Storage temperature: -40~85°C
 Relative humidity: 5%~95% (non-condensing)

Mechanical

Shell: IP30 protection, metal shell
 Installation: Wall mounting
 Weight: 227g
 Size (L×W×H): 100mm×69mm×22mm

Standard

EMS: EN 61000-4-2 (ESD), Level 3
 Shock: IEC 60068-2-27
 Free fall: IEC 60068-2-32
 Vibration: IEC 60068-2-6

Warranty

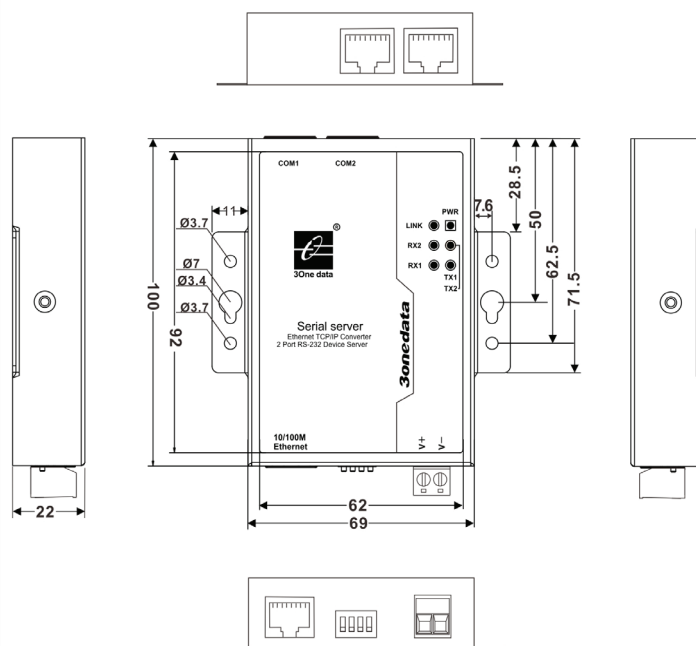
Warranty time: 3 years

Certificates

CE, FCC, RoHS, UL508 (pending)

Dimension

Unit (mm)



Ordering Information

NP302T-2D (RS-232)-P (9~48VDC): 2-port RS232 to Ethernet (10M/100M), DC9~48V, wall mounting

Packing List

1. NP302T-2D(RS-232)× 1
2. User manual × 1
3. Straight network cable × 1
4. Power adapter × 1



- 5. CD × 1
- 6. Warranty card × 1
- 7. Certificate of quality × 1

Optional accessories:

- DIN-Rail Mounting Kit (35mm) × 2