

NP301

1 Port RS-232/485/422 to Ethernet (10/100M)

Serial Device Servers

Features

- 3-in-1 RS-232/RS-485/RS-422 serial interface
- Support 10/100M auto-sensing Ethernet
- Support 300bps~115.2Kbps
- Support TCP, UDP, ARP, ICMP, HTTP and DHCP protocol
- Support across gateway, router communication
- Support standard TCP/IP SOCKET
- Support Virtual serial driver access and auto connect after the network disconnect
- Provide bath installation Windows configure tool
- Choice of configuration methods: Windows, TELNET and WEB
- Support DIN-Rail or wall mounting installation
- Working temperature: -40~75°C



Introduction

The product NP301 is a serial device server which can connect with network fast. It provides one RS-232/485/422 (RS-232: DB9M; RS-484/422: 4 bits terminal block) and 1 10/100Base-T(X) Ethernet port, it can manage disperse serial device or host computer by network, easily and convenience. setting or software upgrade by serial program group in apply, support TCP, UDP, ARP, ICM and DHCP protocol, support Windows Native COM and auto-connect function once the

network intermit.

In addition, the products provide the management collocate tools that based Windows flat roof. It can lead the user manage and configure facility step by step, all of the setting can be done by network or serial. Support pass gateway and router, easily for user to set IP address, Server and Client mode, size of data and so on, Can realize the serial device connect with network by simply setting.

Specification

Ethernet

Standard: 10/100Base-T(x)
 Speed: 10/100M auto-sensing
 Working: TCP Server, TCP Client, UDP and Real COM driver
 Memory: Most 32Kbyte
 Transmission: 100m
 Electromagnetism isolate: 1KV
 Connector: RJ45

Serial

Standard: RS-232/RS-485/RS-422
 Signals:
 RS-232: RXD, TXD, DTR, GND, DSR, RTS, CTS
 RS-485: Data+, Data-, GND
 RS-422: TXD+, TXD-, RXD+, RXD-, GND
 Working mode: Asynchronous format, point to point, 2 wires

half duplex, 4 wires full duplex
 Parity: None, Even, Odd, Space, Mark
 Data bits: 5bit, 6bit, 7bit, 8bit
 Stop bits: 1bit, 1.5bit, 2bit
 Baud rate: 300bps ~ 115.2Kbps
 Flow control: RTS/CTS
 Direction control: RS485 side adopt ADDC technology, auto text and control data transfer direction
 Loading: RS-485/422 side support 32 nodes (customize 128 nodes) loop back
 Transmission: RS-485/422 side 1200m, RS-232 port 15m
 Interface protection: 1500W surge protection, 15KV ESD protection

Software

Network protocols: Support TCP, UDP, ARP, ICMP, HTTP and



Packing List

1. Serial device server (plus terminal block) × 1
2. User manual × 1
3. Straight network cable × 1
4. Software CD-ROM × 1
5. Product Warranty booklet × 1

Optional accessories:

- DIN-Rail Mounting Kit (35mm) × 2