

2-Port Serial Device Server

MODEL: DS1612



Overview

The DS1612 device servers are designed to make serial devices network-ready in an instant and give your PC software direct access to serial devices from anywhere on the network. The DS1612 device servers are ultra lean, ruggedized, and user friendly, making simple and reliable serial to Ethernet solutions possible.

Features and Benefits

- World's lowest power consumption
- Speedy 3-step web-based configuration
- Surge protection for serial, Ethernet, and power lines
- COM port grouping and UDP multicast applications
- Screw connectors for secure installation
- DC power inputs with terminal block
- Versatile TCP and UDP operation modes

Features:

1. Adopt 32 bit ARM processor
2. 2 serial ports, with support for RS-232/RS-485/RS-422
3. Support 10/100M Ethernet
4. Support 300bps-460.8Kbps
5. Support TCP, UDP, ARP, ICMP, HTTP, TELNET and DHCP protocol
6. Support across gateway, router communication
7. Support standard TCP/IP SOCKET
8. Support Virtual serial driver access and auto connect after the network disconnect
9. Choice of configuration methods: Windows, TELNET and WEB
10. Support DIN-Rail or wall mounting installation

Specifications:

Ethernet

Number of ports:1
Standard:10/100Base-T(X)
Speed:10/100M auto-sensing
Working mode: half /full duplex
Working: TCP Server, TCP Client, UDP and Real COM driver
Memory: 128KB RAM, 512K flash
Electromagnetism isolate: 1.5KV
Connector: RJ45

Serial

Standard:RS-232/RS-485/RS-422
Number of ports: 2
Signals: RS-232:DCD,RXD,TXD,DTR,GND,DSR,RTS,CTS
 RS-485:Data+,Data-,GND
 RS-422:TXD+,TXD-,RXD+,RXD-,GND
Parity: None, Even, Odd, Space, Mark
Data bits: 5bit, 6bit, 7bit, 8bit
Stop bits: 1, 1.5, 2
Baud rate: 300bps ~ 460.8Kbps
Flow control: RTS/CTS or XON/XOFF
Direction control: RS485 side adopt ADCC technology, auto text and control data transfer direction
Loading: RS-485/422 side support 32 nodes (customize 128 nodes) loopback
Transmission: RS-485/422 side 1200M,
 RS-232 port 15M
Interface protection: 600W surge protection,
 15KV ESD protection

Power

Power input: 9-40VDC
Consumption: <1W

Environment

Working temperature:-20°C~60°C
Storage temperature:-25°C~85°C
Humidity: Relative humidity 5% to 95%

Appearance

Color: Black
110*74*24mm (L*W*H)
Material: Iron (Enclosure)

