4-Port Serial Device Server
MODEL: DS1614

Overview

The DS1614 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 DS1614 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. 4 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: 8M RAM，4M flash

Electromagnetism isolate: 1.5KV

Connector: RJ45

Serial

Standard:RS-232/RS-485/RS-422

Number of ports: 4

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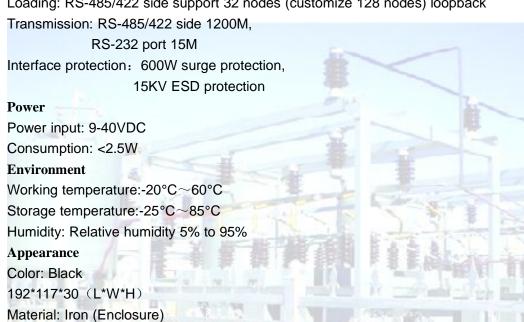
Data bits: 5bit, 6bit, 7bit, 8bit

Stop bits: 1, 1.5, 2

Baud rate: 300bps ~ 460.8Kbps

Flow control: RTS/CTS or XON/XOFF

Direction control: RS485 side adopt ADDC 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: <2.5W

Environment

Working temperature:-20°C～60°C

Storage temperature:-25°C～85°C

Humidity: Relative humidity 5% to 95%

Appearance

Color: Black

192*117*30（L*W*H）

Material: Iron (Enclosure)

Ordering Information:

DS1614-A:RS232 mode

DS1614-B:RS485 or RS422 mode

DS1614-C:RS232,RS422,RS485 3 in 1