

# 1-Port Serial Device Server

## (MODEL:DS3363)



### Overview

The DS3363 device servers are designed to make serial devices network-ready in an instant and give your PC software direct access to serial devices from any where on the network. The DS3363 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. 1 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: 64KB RAM, 256K flash

Electromagnetism isolate: 1.5KV

Connector: RJ45

**Serial**

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

Number of ports: 1

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

**Ordering Information:**

**DS3363-A**:rs232 mode

**DS3363-B**:rs485 or rs422 mode

**DS3363-C**:rs232,rs422,rs485 3 in 1