



### ◆ 1 Port RS-232/485/422 to Ethernet Serial Device Server(10/100M)

#### ➤ Features

- Adopt 32 bit ARM processor
- Support 3-in-1 RS-232/RS-485/RS-422 serial interface
- Support 10/100M
- Support 300bps-115.2Kbps
- Support TCP, UDP, ARP, ICMP, HTTP and DHCP protocol
- Support across gateway, router communication
- Support standard TCP/IP SOCKET
- Support Windows serial interface driver mode
- Support Virtual serial driver access and auto connect once the network disconnect
- Support network and serial interface configuration mode
- Low consumption design
- Support DIN-Rail or wall mounting installation
- Working temperature: -40~75°C



#### ➤ Introduction

MWS01 serial device server is designed to make your serial devices internet ready instantly. It provides 1 port RS232/485/422 (RS232, DB9M; RS485/422, 5 bit terminal block) and 1 port 10/100Base-T(X). It makes them ideal choice for connecting decentral serial devices and Host computer to an IP based Ethernet, making it easily and conveniently for your management. Its software can be setting and updating by serial program group in the application. It supports TCP, UDP, ARP, ICMP, DHCP and Windows Native COM, LLF functions.

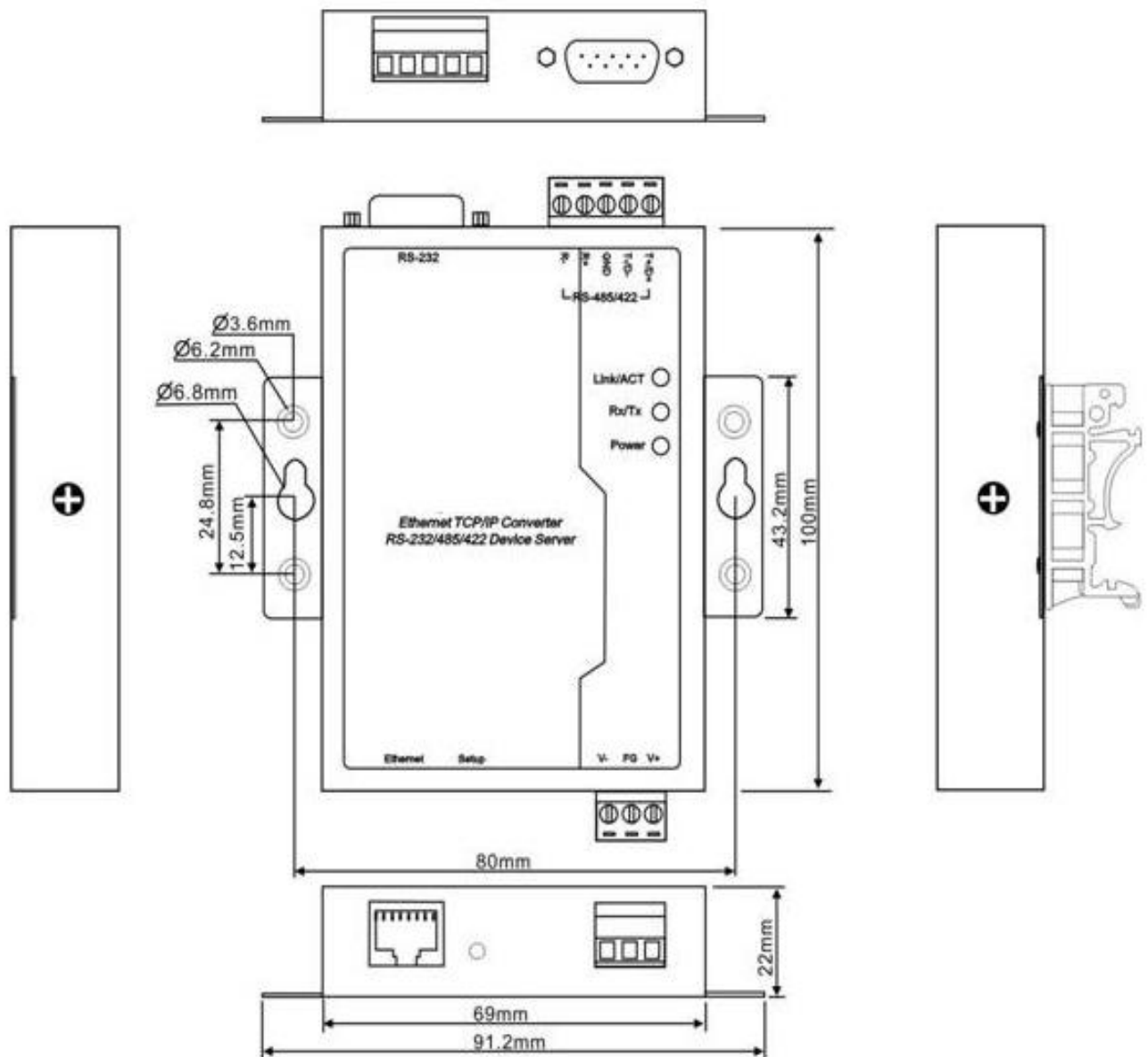
What's more, MWS01 serial devices server provides powerful management configuration tools based on Windows, guiding users' configuration of the devices step by step. All configurations can be done by network and serial port, supporting communication across gateway and router. In addition, it allows users to configure flexibly IP address, Server or Client mode, size of packet, etc.

MWS01 serial device sever is designed with EMC protection, and power supply have over current and overvoltage protection. These make it working stably in hazardous environment. Easy wall and DIN-Rail mounting.

## ➤ Specification

LAN	
Standard	10Base-T, 100Base-TX
Protocol	Support TCP, UDP, APR, ICMP and DHCP protocol
Signal	Rx+,Rx-,Tx+,Tx-
Speed	10/100Mbps
Working	Full-duplex and half-duplex
Working mode	Support Server and Client
Transmission	100m
Protection	1.5KV ESD
Connector	RJ45
Serial Interface	
Serial interface number	1 port RS-232, 1 port RS-422/485
RS-232 signal	TXD,RXD,RTS,CTS,DTR,DSR,GND
RS-422 signal	T+(A),T-(B),R+(A),R-(B),GND
RS-485 signal	D+(A),D-(B),GND
Parity bit	None, Even, Odd, Space, Mark
Data bit	5bit, 6bit, 7bit, 8bit
Baud rate	300bps~115200bps
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	1500W surge protection, 15KV static protection
Interface type	RS-232 side DB9 male, RS-485/422 side 5 bit terminal block
Power	
Power input	12VDC (9-48VDC)
Consumption	Approx 1.4W
Environment	
Operating Temperature	-40 to 75 ℃
Storage Temperature	-40 to 85 ℃
Relative Humidity	5% to 95% (non-condensing)
Appearance	
Color	Black and Blue
L×W×H	100mm×69mm×22mm
Material	Iron (Shell)
Weight	530g
Warranty	5 years
Approvals	FCC, CE, RoHS approvals

## ➤ Dimension



## ➤ Packing List

- MWS01 ×1
- User manual ×1
- Straight network cable ×1
- Software CD-ROM
- Product Warranty booklet