

# IT-SDS-308-T-8D (RS-232)

## 8-Ports RS-232 to Ethernet Serial Server

### Features

- ⊙ Support 10/100M Ethernet.
- ⊙ Support 8 Ports RS-232.
- ⊙ Support WEB and Telnet configuration.
- ⊙ Support TCP, UDP, ARP, ICMP, DHCP and DNS protocol.
- ⊙ Support TCP Server, TCP Client, TCP Auto, UDP and Real COM driver working mode
- ⊙ Support UDP multicast and UDP subnet mode.
- ⊙ Support heartbeat time and time over disconnect function.
- ⊙ Support cross-gateway and cross-router communication.
- ⊙ Support virtual serial COM port access and Network interruption automatic recovery.
- ⊙ Provide Windows configuration tools for easy to use, easy to bath install.
- ⊙ Industrial grade design, IP30 protection grade.
- ⊙ No fan, low consumption design.
- ⊙ Working temperature: -40~85°C.



### Introduction

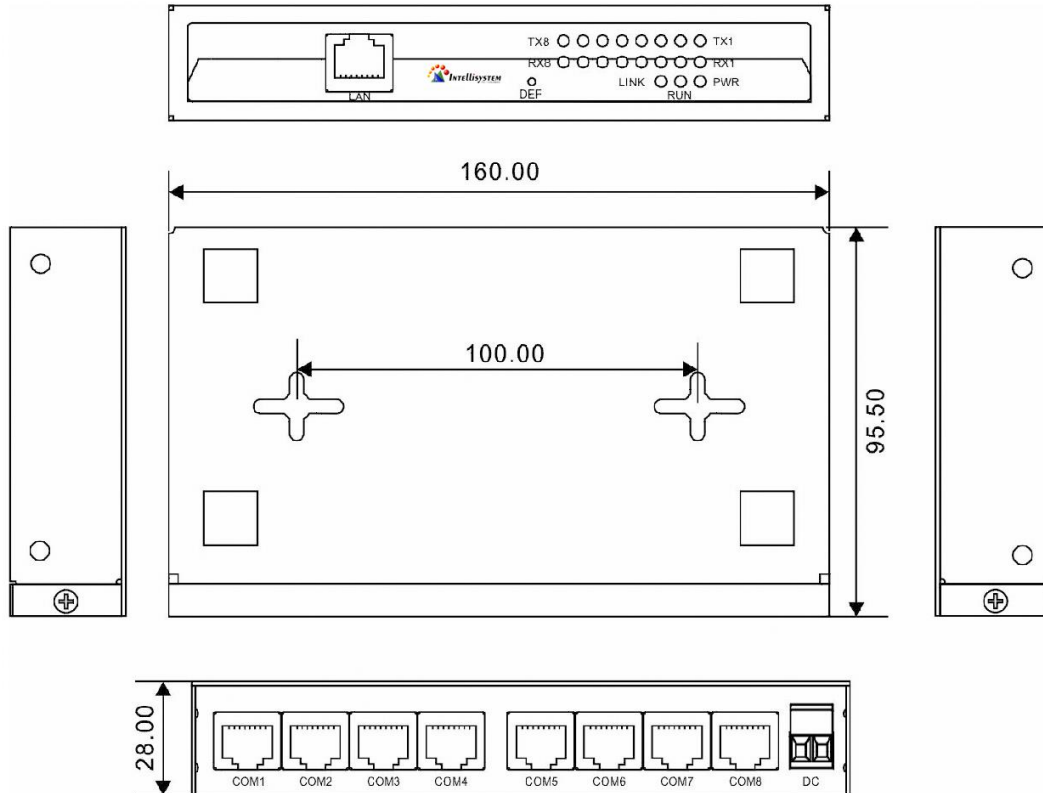
IT-SDS-308-T-8D (RS-232) is an high performance, industrial grade serial to Ethernet server, it can satisfy some kinds of customer requirements in consumption, temperature, volume and handle ability. It provides 8 ports RS232 (RS-232 connector: RJ45) and 1 port 10/100Base-Tx Ethernet, can focus manage disperse serial device, master through network, easy, convenience. In application, can configure, upgrade through WEB.

Moreover, IT-SDS-308-T-8D (RS-232) provide strong function configuration tools based in Windows platform, it can guide user configure the device step by step, all configurations are coming true by WEB or Telnet, support cross-gateway and cross-router, user can flexible configure IP address, server and client mode, data bag size etc.

IT-SDS-308-T-8D (RS-232) adopts EMC protection design, can work in rugged environment.

## Dimensions

Unit (mm)



## Specifications

### Ethernet ports

Standard: 10Base-T, 100Base-TX

Protocol: Support TCP, UDP, APR, ICMP and DHCP

Signal: Rx+, Rx-, Tx+, Tx-

Speed: 10/100Mbps

Working: Full-duplex and half duplex

Working mode: Support TCP Server and Client

Transfer distance: 100m

Connector: RJ45

### RS232 ports

RS232 port number: 8

RS-232 signal: DCD, RXD, TXD, DTR, GND, DSR, RTS, CTS

Parity bit: None, Even, Odd, Space, Mark

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

Stop bit: 1bit, 2bit

Band rate: 300bps~115200bps

Loading: point to point

Transfer distance: no more than 15m

Connector: RJ45

Protection: class 3 static

### LED Indicators

Working statue indicator: RUN

Power (PWR)

Ethernet port connection status (Link)

RS232 port transmit data indicator: TX1~TX8

RS232 port receive data indicator: RX1~RX8

**Power requirements**

Input voltage: 9~48VDC

**Environment limits**

Working temperature: -40~85°C

Storage temperature: -40~85°C

Relative humidity: 5%~95% (non-condensing)

**Mechanical**

Shell: IP30 protection, metal shell

Installation: Wall mounting

Weight: 524g

Size (L×W×H): 160mm×95.5mm×28mm

**Standards**

EMS: EN 61000-4-2 (ESD) Level 3,

Shock: IEC 60068-2-27

Free fall: IEC 60068-2-32

Vibration: IEC 60068-2-6

**Warranty**

Warranty time: 5 years

**Certificates**

CE, FCC, RoHS, UL508 (pending)

## Ordering Informations

**IT-SDS-308-T-8D (RS-232)** 8-ports RS232 to Ethernet (10M/100M), DC9~48V, wall mounting

## Packing List

1. IT-SDS-308-T-8D (RS-232)×1
2. User manual ×1
3. Straight network cable ×1
4. Power adapter ×1
5. CD ×1
6. Warranty card ×1
7. Certificate of quality×1

**Optional accessories:**

DIN-Rail Mounting Kit (35mm) ×1