IT-SDS-302-T-2D (RS-232)
2-Ports RS-232 to Ethernet Serial Server

Features

◎ Support 10/100M Ethernet

◎ Support 2 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℃

Introduction

IT-SDS-302-T-2D (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 2 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.
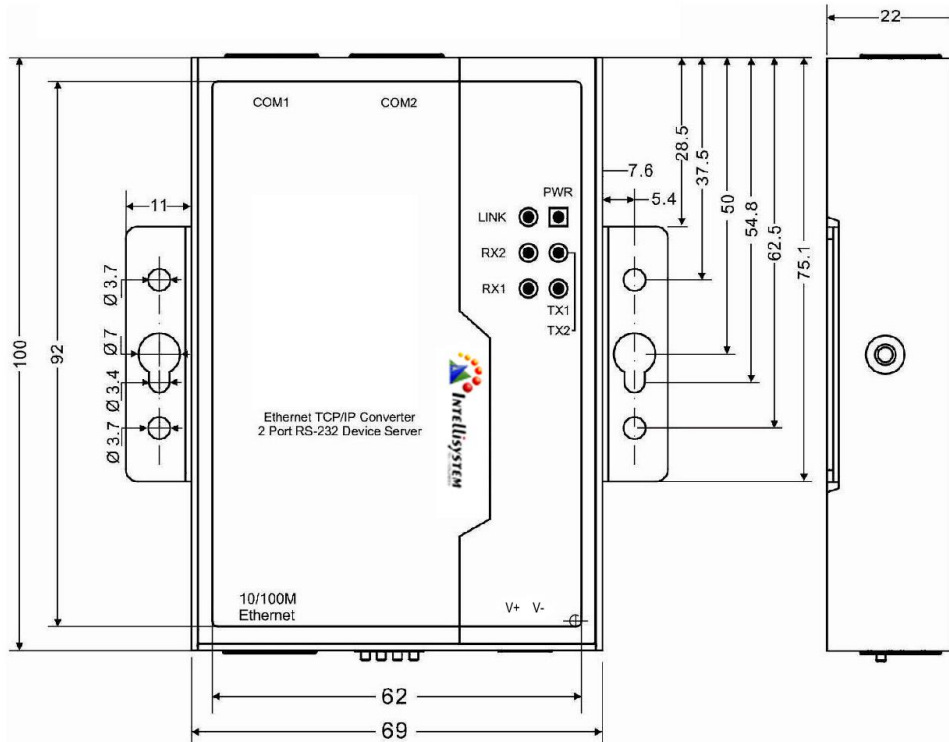
Moreover, IT-SDS-302-T-2D (RS-232) provide strong function configuration tools based in Windows platform, it can guide user configure the device step by step, all configurations are coming true by WEB or Telnet, support cross-gateway and cross-router, user can flexible configure IP address, server and client mode, data bag size etc.

IT-SDS-302-T-2D (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: 2

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

Power (PWR)

Ethernet port connect statue (Link)

RS232 port data indicator: TX, RX

Power requirements

Input voltage: 9~48VDC

No-load consumption: 0.66W@12VDC

Full-load consumption: 0.67W@12VDC

Environment limits

Working temperature: -40~85℃

Storage temperature: -40~85℃

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

Mechanical

Shell: IP30 protection, metal shell

Installation: Wall mounting

Weight: 227g

Size (L×W×H): 100mm×69mm×22mm

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-302-T-2D (**RS-232)-P (9~48VDC)**   2-ports RS232 to Ethernet (10M/100M), DC9~48V, wall mounting

Packing List

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1. IT-SDS-302-T-2D (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