Model: UT-6802AC

(Product Name: 10/100M to 2-port RS-232 Serial Device Server)

Datasheet

Overview

UT-6802AC supports data conversion from serial terminal to TCP/IP. It realizes transparent bi-directional data transmission between RS-232 port and TCP/IP Ethernet port, which enables the serial device to have networking functions. UT-6802AC integrated with ARP, IP, TCP, HTTP, ICMP, UDP and other protocols. The setup wizard makes you easy to operate it. It is widely used in industrial control, industrial automation, IoT, environmental monitoring, intelligent transportation, dynamic monitoring and other related fields.

Feature

- 2* RS-232 port
- 1* 10/100Base-T(X) Ethernet port
- Reset button for factory default
- RS-232 signal: RXD, TXD, RTS, CTS, GND
- Supports MCP, VCOM
- Serial port ±6KV ESD protection, Ethernet port 1.5KVAC isolated protection
- Supports heart-beat package, register package function
- Supports WEB firmware upgrade

Specification

Protocol

ARP, IP, ICMP, UDP, TCP, HTTP, DHCP, MODBUS

Operating mode

VCOM, MCP, TCP Server, TCP Client, UDP Client, Modbus TCP Server, Modbus TCP Client

Serial port

RS-232

Baud rate: 300~921,600bps

Check bit: None, Odd, Even

Data bit: 5, 6, 7, 8

Stop bit: 1, 2

Interface

Power port: 1*DC power jack, 1*3-pin 5.08 terminal block, with built-in reverse protection

Ethernet port: 1*RJ-45, 1*10/100/Base-T(x)

Serial port: 2* RJ-45 (RS232)

LED indicator: PWR, RUN, DATA1, DATA2, serial port indicators

Button: 1 RESET button

Power requirement

Voltage input: DC12-48V

Power consumption: Max. 1.2W

Mechanical characteristic

IP rating: IP30

Net weight: 248g

Installation: DIN-Rail

Dimension (LxWxD): 100x80x30mm

Transmission distance

RS-232: 15m

Operating environment

Operating temperature: -40~85℃

Storage temperature: -40℃~85℃

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

Industrial standard

EMC: EN 55032/24

EMI: CISPR 32, FCC Part 15B Class A

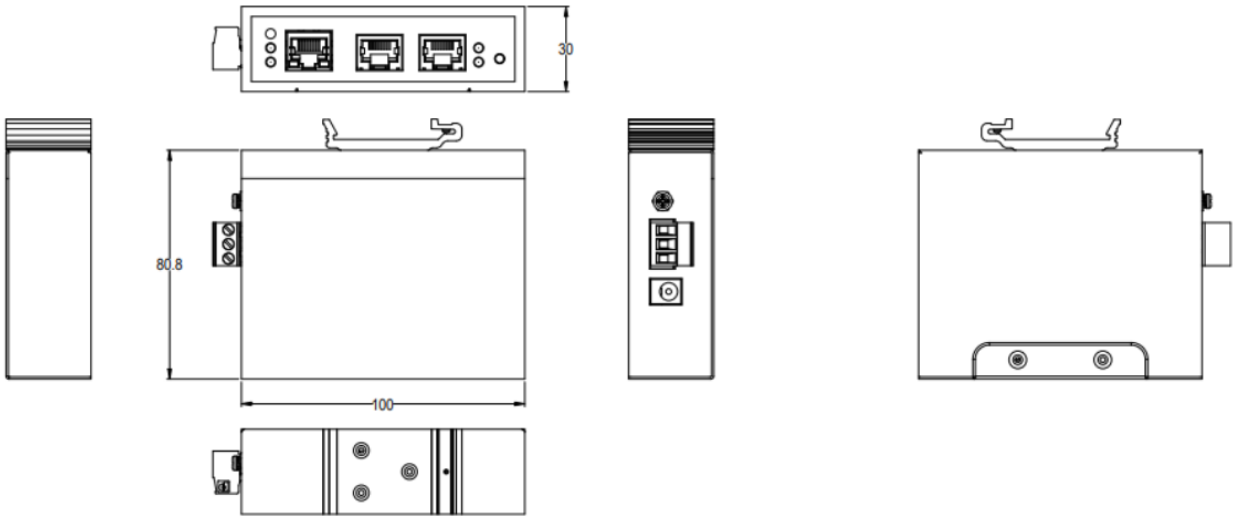
EMS:

IEC(EN)61000-4-2(ESD), contact 6KV, air 8KV

IEC(EN)61000-4-3(RS), 3V/m

IEC(EN)61000-4-4(EFT), power 2KV, signal 1KV

IEC(EN)61000-4-5(Surge), power 2KV, signal 1KV

IEC(EN)61000-4-6(CS), 3V/m

Dimension