

USB8485I

USB to 8 port RS-485/422 converter

Features

1. Use USB extend 8 port RS485/422 port
2. CPU occupancy rate very low, high performance
3. One RS-485/422 can establish at most 32 nodes
4. RS-485/422 side transfer distance 1200m
5. RS485/422 support 2KVAC isolation
6. Detect serial speed automatic, Speed: 300~115200bps
7. Industrial grade design, IP30 protection
8. No fan, low consumption design
9. Working temperature: -40°C~85°C, Relative humidity: 5%~95%

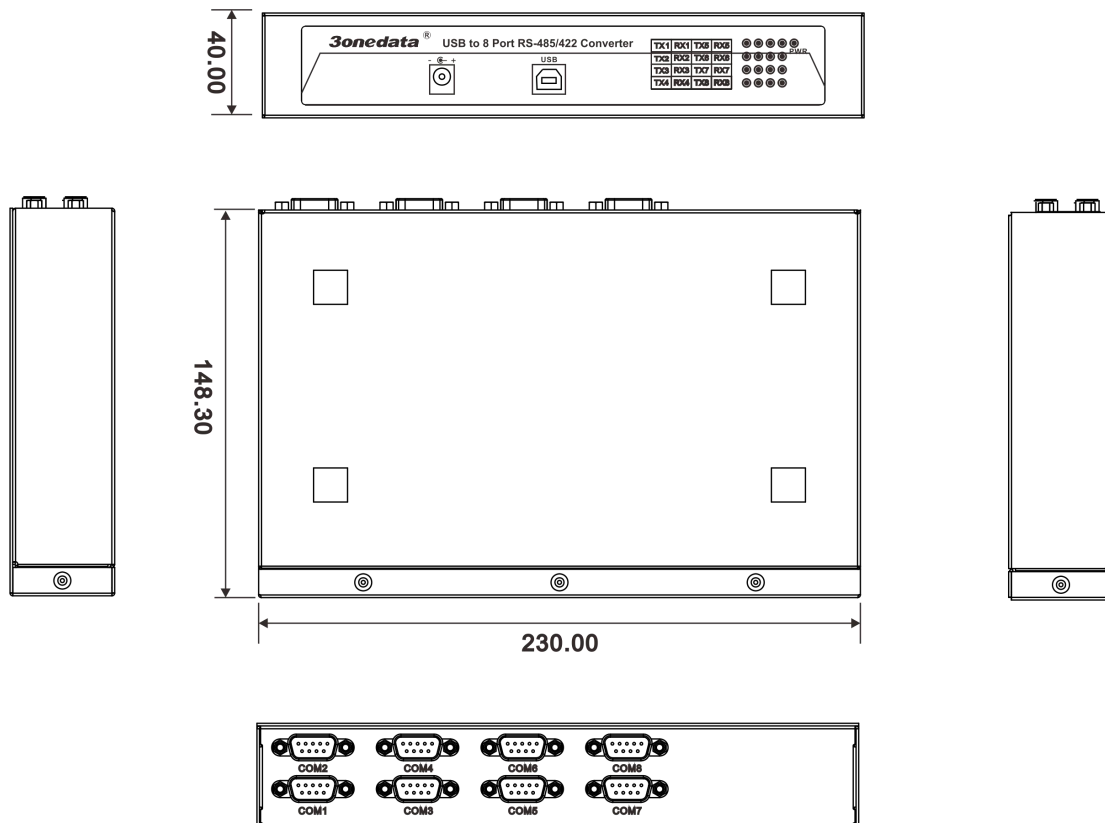


Introduction

USB8485I is a kind of USB to 8 port RS485/422 converter, the USB8485I can let PC or work station's USB port connect 8pcs RS-485 or RS-422 comfortable. USB8485I provides four RS-485/422 serial ports, is compliant with USB 1.1 and 2.0 specifications, and meet the 480Mbps high-speed requirement of Hi-Speed USB 2.0. Using your computer's USB ports to connect serial devices reduces the total cost of ownership, investment in hardware, and long term management and integration costs.

Dimension and appearance

Unit (mm)



Specification

Parameter

Serial port: 8 port RS-485/422

RS-422 signal: T+,T-,R+,R-

RS-485 signal: D+,D-

Parity: None,Even,Odd,Space,Mark

Data: 7bit,8bit

Stop bit: 1bit,2bit

Band rate: 300bps~115200bps

Direction: ADDC, auto detect direction control

Loading: RS-485/422 support 32 nodes

Protection: 2KVAC isolation, grade 4 static protection

Distance: RS-485/422 side: 1200m, USB side less than 5m

Interface

USB port: USB female, type B

RS-485/422 port: DB9 male (attached DB female terminal block)

LED indicator

Power indicator: PWR

8 port RS485/422 COM1~COM8 send data: TX1~TX8

8 port RS485/422 COM1~COM8 receive data: RX1~RX8

Power supply

Power input: 9VDC

No-load power consumption:1.63W@9VDC

Full-load power consumption:2.13W@9VDC

Mechanical:

Shell: IP30, high strength iron shell.

Weight: 1011g

Dimension(L×W×H):230mm×148.3mm×40mm

Environmental

Working temperature: -40~85°C

Storage temperature: -40~85°C

Ambient Relative Humidity:

10 to 95% (non-condensing)

Standard

EMS: EN61000-4-2 (ESD), Level 4

Shock: IEC 60068-2-27

Free fall: IEC 60068-2-32

Vibration: IEC 60068-2-6

Warranty:

Warranty time: 3 years

Certification:

CE, FCC, RoHS, UL508(Pending)

Ordering information

Model	Port		Power supply
Standard model(-40~85°C)	USB	RS-485/422	9VDC
USB8485I	1	8	