

USB4485

USB to 4-port RS-485/422 Hub

Features

1. USB to 4-port RS-485/422 converters
2. Single chip(ASIC) USB port to serial port communication
3. Support Windows98/ME and Windows2000/XP, Windows Server 2003/2008, Windows 7/Vista
4. Support powered from USB or 5VDC external power input
5. No IRQ, I/O Address
6. Support USB2.0, baud rate can reach up to 12Mbps
7. 15KV ESD protection



Introduction

A quick and easy way to expand your PC's port count and to adapt serial devices to your USB PC. Edge port USB-to-Serial converters are intelligent expansion units that connect to a PC, thin client or server via a USB port. USB4485 provides four RS-485/422 serial ports, is compliant with USB 1.1 and 2.0 specifications, and meet the

480 Mbps 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.

Specification

USB

Compliance: USB1.1/2.0 compliant

USB signal: VCC, DATA+,DATA-,GND

Speed: 480Mbps(high-speed), 12Mbps(full-speed)

Connector for External Antenna: USB type B female

RS-485/422

Standards: RS-485, RS-422

Number of Ports: 4

Connectors: DB9 male

RS-422 signal: TX+(A), TX-(B), RX+(A), RX-(B),GND

RS-485 signal: D+(A), D-(B),GND

Working mode: Asynchronous, point to point, 2 wires half duplex, 4 wires full duplex

Transmission: 1200m

Interface protection: 1500W surge protection,15KV ESD protection

Baud rate: 300bps to 230400bps

Parity: None, Even, Odd, Space, Mark

Data bits: 7, 8

Stop bits: 1, 2

Flow Control: RTS/CTS, XON/XOFF

FIFO: 128bytes

Driver Support

Operating System: Support Windows98/ME and Windows2000/XP, Windows Server 2003/2008, Windows 7/Vista

Power

Power input: 5VDC power input

Consumption: 300mA

Environment

Operating temperature: -10°C to 60°C

Storage temperature: -40°C to 85°C

Humidity: 5% to 95%(no condensation)

Appearance

Dimensions: 160.0mm × 94.0mm × 28.0mm

Material: Iron(shell)

Color: White

Weight: 500g

Warranty: 5 years

Approvals: FCC, CE, RoHS approvals

Packing List

1. USB4485 × 1
2. 5VDC power adapter × 1
3. CD for software × 1
3. User manual × 1

