

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

