

## 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

