



I-7561

USB to RS-232/422/485 Converter

I-7561

Introduction

The I-7561 is a cost-effective module for transfer serial data over USB. It allows you to connect your serial devices to systems using a USB interface. Connecting the I-7561 to a PC, you get one RS-232/422/485 port. Like our I-7520A, the I-7561 contains " Self Tuner " This chip auto-tunes the baud rate and data format to the Rs-485 network. The I-7561 module derives the power from the USB port and doesn't need any power adapter. It also features a high-speed 115.2 Kb/s transmission rate, and supports various O.S. independent RS-232/422/485 Ports.

Features

- Full speed with USB 1.1 specifications.
- Input: USB protocol.
- Output: RS-232/422/485 protocol.
- Speed: "Self Tuner" inside
- 3000 Vdc isolation protection provided.
- 256 modules max. in one RS-485 network without repeater.
- 2048 modules max. in one RS-485 network with repeater.
- Repeater request: 4,000 feet or over 256 modules.
- Plug-and-play installation.
- The I-7561 gets the power from USB port; no need external power supply
- Windows 98/ME/2000/XP and Linux drivers supported. Driver for other operating system are currently under development

Specifications

- Compatibility: USB 1.1 and 2.0 standard
- Input: USB protocol
- Output: RS-232/422/485 protocol
- Cable: USB type A connector (Type A to Type B cable provided)
- RS-232 Signals: TXD, RXD, GND
- RS-422 Signals: RX+, RX-, TX+, TX-
- RS-485 Signals: DATA+, DATA-
- "Self Tuner" inside, support multiple Baud Rate and multiple Data Format
- 256 modules max. in one RS-422/485 network without repeater
- Isolation voltage: 3000 Vdc
- Photo-coupler isolation: 2500V rms
- Repeater request: 4,000 feet or over 256 modules
- Communication distance: 1.2Km/9600 bps
- Mounting: Din-rail, wall mounting, piggyback stack
- Operating temperature: -25°C to +75°C
- Storage temperature: -25°C to +80°C
- Humidity: 5~ 95%
- Dimensions: 123 mm x 72 mm x 33 mm
- Driver supported: Windows 98/ME/2000/XP and Linux

Ordering Information

I-7561	USB to RS-232/422/485 Converter
I-7561 CR	USB to RS-232/422/485 Converter (RoHS)
Include cable	CA-USB18(1.8M Cable) x 1