



i-7561

USB to RS-232/422/485 converter

The i-7561 is a cost-effective module for transfer serial data over USB. Connecting the i-7561 to a PC, you get one port either RS-232/422/485. Like the i-7520A, the i-7561 contains a " Self Tuner " chip that 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 features a high-speed 115.2 K baud 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

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