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RS485USB Serial RS422/485 to USB Adapter

The RS485USB is a RS422/485 to USB Cable is designed for your Notebook PC, workstation, thin client, or server to provide instant Serial port expansion via the Universal Serial Bus (USB).

The RS485USB is compatible with new and legacy RS422/485 devices. It is easy to install and use without turning your PC's power off. It provides the scalability to quickly adapt to new USB technologies. Complete product line offer many choices help you to expand and make your network grow with your requirements.

With the USB Plug-and-Play feature, simply plug in, follow the instructions of Install Wizard, and then you are done. You don't have to deal with Card Slots, I/O address, IRQ jumpers, DMA and others when you are connecting the devices. The System will recognize the device and install the drivers automatically. The RS485USB is an ideal solution for your expanding applications.

RS485USB

RS422/485 to USB Adapter

Features

- Provides one RS422/485 Port over USB Port
- Easy Serial Port Expansion over USB Port
- Supports 4-wire RS-422 and 2-wire RS-485 applications
- Supports RS-485 Auto Transceiver Turn Around
- by Unique Featured ATTA™ Hardware
- Supports USB Bus Power
- RS422/485 Baud Rate up to 921.6Kbps
- USB1.1 and USB2.0 Backward Compatible
- Supports DB9-Male Connector
- Hot Swappable and Plug-and-Play Features
- Compact Size for Critical Applications
- Supports Win98S, ME, 2000, XP, 2003, Vista, Linux

Applications

- Fire and Security Panels
- Vending Machines
- Point of Sale Terminals
- Remote equipment management
- IT management services
- Access Control
- Industrial Control
- Home Automation
- Instrumentation
- Building Control
- Power Management
- Low cost

Specifications

USB Port

USB type B Connector equipped. Fully compatible with USB1.0 and USB1.1; Forward compatible with USB2.0.

Serial Interface

The RS422/485 Serial port provides the following key benefits:

- **Connector:** DB9 Male
- **Interface:** 2 modes are selectable: 4-wire RS-422 (TXD +/-, RXD +/-), 2-wire RS-485 (Data +/-, Data +/-)
- **Parity:** None, Even, Odd
- **Data bits:** 7,8
- **Stop bits:** 1,2
- **Baud Rate:** 300bps to 921.6Kbps
- **Terminator:** 120 OHM, can be Enabled/Disabled by DIP switch
- Supports RS-485 Auto Transceiver Turn Around by Unique Featured ATTA™ Hardware

OS Support

Windows 98SE, ME, 2000, XP, 2003, Vista, and Linux

Environmental:

Operating Temp.: 0 to 55degC (32 to 131degF)
Storage Temp: -20 to 85degC (-4 to 185degF)
Operating Humidity: 5 to 95% RH

Form Factor

1.77" (L)x1.65" (W)x1.15" (H) (4.49 x 4.18 x 2.20 cm)

Order On-Line at www.ipenabled.com

Part Numbers:

GC-RS485USB

RS422/485 to USB adapter