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StarTech ICUSB232PRO USB to RS232 Serial DB9 Adapter Cable Instruction Manual

Contents

StarTech.com

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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Introduction

Thank you for purchasing a **StarTech.com** USB-to-Serial Adapter with COM retention. Now you can connect your serial devices like Personal Digital Assistants (PDA), modems, printers, or scanners to your USB-enabled Mac or PC. With hassle-free connections and COM retention, your configuration settings will never be lost.

Features

- Retains configuration settings in the event of a power loss or disconnection
- Adds a high-speed serial port to your USB-enabled Mac or PC
- Provides a 96-byte buffer for each upstream and downstream transfer rate
- Transfers data at speeds up to 920 Kbits/sec
- Supports remote wakeup and power management control

System Requirements

- **Operating System:** Windows 98SE/ME/2000/XP/Vista/Server 2008 R2/7 (32/64-bit), or Mac OS 10, or Linux
- An available USB port (USB 1.1 or higher)

Contents

This package should contain:

- 1 x USB to Serial Cable
- 1 x Driver CD
- 1 x Instruction Manual

Installation

To ensure a quick and easy device installation, please read through this section carefully and complete each step in the order listed. The following section identifies how to install ICUSB232PRO on a computer running Windows XP. Installation for other Windows operating systems (98SE, ME, 2000, etc.) is similar, if not identical.

Windows XP Installation

1. With your computer turned on, insert the driver disk into your CD-ROM/DVD-ROM drive.
2. Locate the driver installation package, titled 2303 Driver Installer.exe.
3. Once the InstallShield Wizard launches, it will indicate that it is ready to install the 2303 USB-to-Serial driver. Please click Next to continue.
4. Following installation, the InstallShield Wizard will notify you that the drivers have been installed successfully. Please click on Finish to complete the installation and close the installation program.
5. Locate an available USB port on your computer. Connect the USB-to-Serial adapter.
6. Windows should detect the driver as a Prolific USB-to-Serial Comm Port. Prior to installing the serial port, you may be notified that the device driver has not yet passed Windows XP Logo compatibility. Click Continue Anyway. Windows will then start to install the driver for the USB-to-Serial Comm Port.
7. When Windows has found the proper driver, click Next then Finish to complete the installation.

Connecting peripherals to the adapter

1. With your computer turned on and the adapter already installed, plug the desired peripheral into the adapter and apply power to the peripheral device.
2. If this is the first time you are using the peripheral, consult the peripheral device's installation procedures and follow the on-screen prompts to install the device. If you have previously installed the device on another of your computer's RS 232 (COM) ports, the proper drivers should be located and installed automatically.
   NOTE: If you are connecting a modem under Windows 2000, you must specify it as a "Standard Modem."

Specifications

- **Host Interface:** USB 1.1

- **Connectors:** 1 x USB Type A Male, 1 x DB9 Serial Male
- **Maximum Data Transfer Rate:** 920 Kbits/sec
- **Chipset ID:** Prolific PL2303
- **Operating Systems Supported:** Windows 98SE/ME/2000/XP/Vista/Server 2008 R2/7 (32/-bit), Mac OS 10, Linux
- **Certifications (Regulatory and other):** FCC, CE, RoHS

Technical Support

StarTech.com's lifetime technical support is an integral part of our commitment to providing industry-leading solutions. If you ever need help with your product, visit **www.startech.com/support** and access our comprehensive selection of online tools, documentation, and downloads.

Warranty Information

This product is backed by a two-year warranty.
In addition, **StarTech.com** warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. **StarTech.com** does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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FAQ's

What is the StarTech ICUSB232PRO USB to RS232 Serial DB9 Adapter Cable?

The StarTech ICUSB232PRO is a USB to RS232 Serial DB9 Adapter Cable designed to provide a USB interface for connecting devices with RS232 serial ports to a computer.

What is the purpose of a USB to RS232 adapter cable?

A USB to RS232 adapter cable like the ICUSB232PRO allows you to connect legacy devices with RS232 serial ports to modern computers that typically lack native RS232 ports.

What devices can be connected using this adapter cable?

The ICUSB232PRO can be used to connect various RS232 serial devices, including serial modems, printers, scanners, and more, to a computer via USB.

Is this adapter cable compatible with Windows and Mac operating systems?

Yes, the ICUSB232PRO adapter cable is often compatible with both Windows and Mac operating systems, providing versatility for different users.

What is the maximum data transfer rate supported by this adapter cable?

The maximum data transfer rate can vary, but this adapter cable often supports data transfer rates of up to 921.6 Kbps, depending on the connected devices and drivers.

Is driver installation required for this adapter cable?

Driver installation is typically required for this adapter cable to ensure proper functionality. The necessary drivers are often included or can be downloaded from the manufacturer's website.

Does this adapter cable provide power to the connected device (RS232 device)?

No, the ICUSB232PRO adapter cable is generally designed for data transfer and does not provide power to the connected RS232 device. The RS232 device should have its own power source.

Is the cable length of the ICUSB232PRO adapter cable fixed, or can it be extended?

The cable length of the ICUSB232PRO adapter cable is typically fixed, and it's essential to check the product specifications for the exact cable length.

Does this adapter cable support hardware flow control (RTS/CTS)?

Yes, the ICUSB232PRO adapter cable often supports hardware flow control (RTS/CTS), allowing for more reliable data communication.

Can this adapter cable be used with industrial equipment and machinery?

Yes, the ICUSB232PRO adapter cable can often be used with industrial equipment and machinery that utilizes RS232 serial communication.

What is the warranty coverage provided with the StarTech ICUSB232PRO USB to RS232 Serial DB9 Adapter

Cable?

Warranty terms may vary, so it's advisable to check the specific warranty information provided by StarTech or the retailer when purchasing the cable.

Is there a minimum or maximum operating temperature range for this adapter cable?

Operating temperature ranges can vary, and it's important to refer to the product specifications for information about the temperature conditions in which the cable can be used.

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