
USB TO RS485 Converter Strip

MODEL No: USB-485-Strip

VER 1.0

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1.0 INTRODUCTION

1.0.1 PRODUCT DESCRIPTION

It is a compact USB to RS485 converter strip. This board is very useful for connecting a legacy RS485 device to USB port of PC. The module provides non-isolated output. It adds additional COM port to a PC. It is compatible is with standard PC COM port with all hardware handshaking signals.

1.0.2 FEATURES

- ◆ Adds a new COM port to PC
- ◆ USB 2.0 Complaint
- ◆ Powered by PC
- ◆ Windows 2K, XP, Vista compatible
- ◆ Software driver included (COM driver)

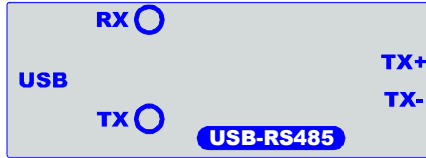
1.0.3 SPECIFICATIONS

Baud Rate Supported	300, 600, 1200, 1800, 2400, 4800, 7200, 9600, 14400, 19200, 38400, 57600, 115200, 230400, 460800, 921600
Data bits	7,8
Parity	None, Odd, Even, Mark, Space
Stop Bits	1,2
Dimension	80x25x18 mm
Operating Voltage	5VDC derived from PC USB connector

1.0.4 APPLICATION AREAS

Industrial Automation, Building Automation, Office Automation, Point of Sale, Medical etc.

1.0.5 CONNECTION DETAILS



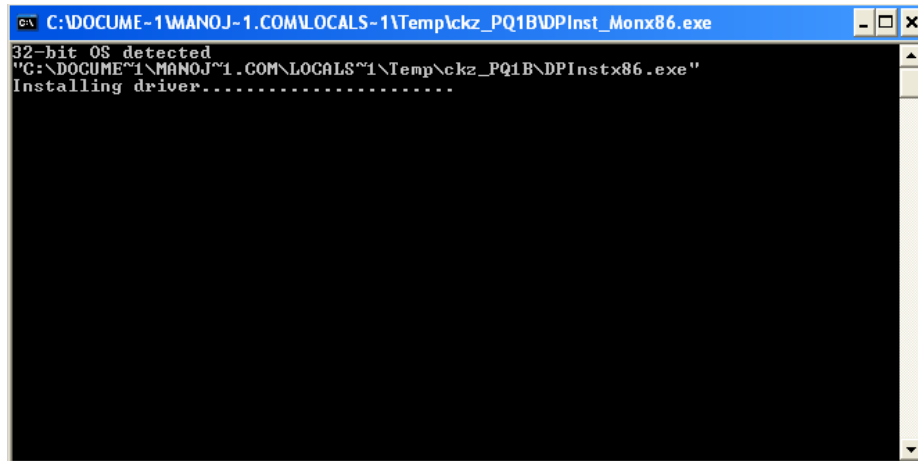
Signal Name	Signal description
USB	To connect Device to Computer using Standard USB cables
TX(+)	RS485 DATA+
TX(-)	RS485 DATA-

1.0.6 LEDs

Signal	Signal Description
TX	Data being transmitted from computer
RX	Data being received by computer

2.0 DRIVER INSTALLATION

1. Do not connect converter to computer.
2. Please insert CD in the CD drive.
3. Click on "USB_Driver.exe".
4. DOS window will appear as shown below.



The image shows a DOS command window with a blue title bar. The title bar text is "C:\DOCUME~1\MANOJ~1\LOCALS~1\Temp\ckz_PQ1B\DPInst_Monx86.exe". The command prompt shows the following text: "32-bit OS detected", "\"C:\DOCUME~1\MANOJ~1\LOCALS~1\Temp\ckz_PQ1B\DPInstx86.exe\"", and "Installing driver.....". The rest of the window is black.

5. After installing the driver, the DOS window will disappear.
6. Now, connect converter to Computer.
7. Computer will automatically, detect device and install it.
8. To view comport number, please go to Control Panel→ Hardware→Device Manager→Ports.
9. The port created by converter can be found under USB Serial Port (COM n), where n=com port no.