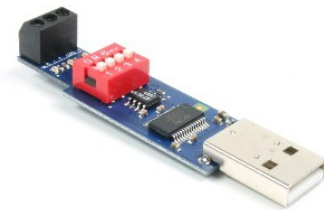


USB-RS485-Bridge

The USB-RS485-Bridge connects RS485/422 devices to an USB-Host.



Features

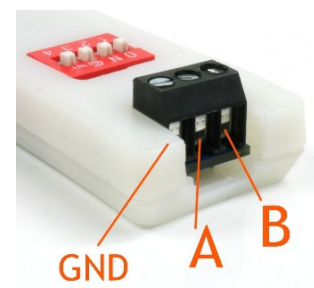
- Self-powered: no additional power supply required, USB-powered only
- Baudrate: up to 3MBit/s
- 3 LED's: Power (orange)
RX (red)
TX (green)
- 3 IOs: RS485-A
RS485-B
GND
- Max. Input Voltage: Pin A and B: 15V
USB: 5V
- Case: optional available



For more information visit: <http://www.in-circuit.de/>

Quick Start

1. Connect the USB-RS485-Bridge to the RS485-interface as shown in the picture on the right.
2. Connect the USB-RS485-Bridge via USB to your computer.
3. (optional) Download and install the latest driver.
(Available on <http://www.in-circuit.de/>)
- 4.a Windows: The RS485-Interface appears as COMx
- 4.b Linux: The RS485-Interface appears as ttyx
(x can be any number)
5. Start communication over RS485



Additional Setup

The USB-RS485-Bridge offers the opportunity to adjust its RS485-setup. Refer to the following table for an appropriate setup of the 4-pin DIP switch. The following functionalities are enabled if the switch is in 'ON'-position.

DIP-Switch No.	Functionality ('ON' == active)
1	Local Echo (Data sent will be received, too)
2	R = 390Ω between Signal A and VCC
3	R = 220Ω between Signal A and B
4	R = 390Ω between Signal B and GND