This Optoisolated USB2 to RS232 - RS422 - RS485 converter can be installed as virtual com-port and then it can be used just like a standard com-port in the PC. It is powered by the USB side, hence no external power supply is required. It is fully Modbus compatible and it supports baudrates up to 115200 Bps.
DESCRIPTION

Our optoisolated converter supports USB2 input and transforms it to an optoisolated RS232, RS422 or RS485, up to 115200 Bps. The communication protocol is selected through a dip switch. The device is isolated up to 1000VDC (an higher isolation level is available upon request).

One of the most valuable feature of this device is that it is really galvanically isolated, so that all the devices can be protected from overvoltage spikes and failures and any damage on your Laptop can be avoided.

FEATURES

- Plug-and-Play (Device is hot-pluggable)
- Heavy-duty industrial strength converter temperature range 0 to 65 °C
- Converts USB to RS-232/RS-422/485, extending signals up to 1200m.
- Baud rate: up to 115200 KBps
- Drivers provided from FTDI
- 1000VDC isolation protects RS232/RS485 devices from electrical surges and lightning strikes
- 1000VDC optical isolation also eliminates ground loop and noise problems
- Powered by USB port, no external power required
- Data Direction, auto-turnaround, no flow control is necessary
- Built-in 600W/sec surge and 15KV static protection
- Working temp -20 to 70C
- Size 150mm x 80mm x 30mm
- Warranty 1 year limited warranty