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Product sheet: USB485-GLD
Date: November 2012
Rev: 1.1

## Panel mount RS485 converter

The USB485-GLD is a RS485 2 wire half duplex converter for through hole panel mount.

The USB485-GLD is our lowest cost panel mount converter, non-isolated and with unscreened cable output.
It's intended for use in cabinets to provide easy access to internal RS485 connections thru an external USB port, hence enabling easy RS485 monitoring / debugging with a standard PC.
The standard cable length is 40cm but other lengths can also be ordered.

### Connections

| | |
|---|---|
| **D+** | Green |
| **D-** | Brown |
| **Gnd** | White |

### Comport specs

Baudrates : 300, 600, 1200, 1800, 2400, 4800, 7200, 9600, 14400, 19200, 38400, 57600, 115200, 230400, 460800, 921600 Bps
Startbits : 1
Databits: 7, 8
Parity: None, even, odd, mark, space
Stopbits: 1, 2
Flowcontrol: Auto
Buffers: 128 bytes Rx and 256 bytes Tx fifo.

- **Lowest cost**
- **USB 2.0 full speed device**
- **Virtual comport drivers**
- **Win-7, Vista and XP compatible**
- **Modbus capable**

### Hardware details

- RS485, 2 wire half duplex
- ±15 kV ESD protection on RS485 pins
- Connection : Unscreened cable.
- Speed : up to 1Mbps
- Power : Powered from the PCs USB port
- Operating temperature : 0 to 85°C

### Mechanical details

Recommended panel cut-out : Ø 25 mm

### Commercial details

- Order : **USB485-GLD (40 cm cable)**

- Price(2012) : **EUR 55** @1
**EUR 50** @10
**EUR 40** @100

For non-standard cable lengths, add EUR 1.5 / meter.