## A00485C USB-RS485/RS422 Adapter Cable

### Features:
- USB RS485/RS422 signal conversion
- Virtual COM port device driver
- Half-duplex data communication
- Wire-lead connection
- Short stub
- ESD, EFT, and surge protection
- Tinned copper braided shield
- USB bus powered, Rx 14mA, Tx 17mA (PTP)
- 2m cable length

### Specifications:

| | |
|---|---|
| USB | USB specification 2.0 compliant |
| | USB full speed 12Mbps transmission |
| | USB type A plug connector |
| RS485/RS422 | Half-duplex transceiver |
| | 1/8-unit-load receiver input impedance or up to 256 transceivers on one bus |
| | True fail-safe receiver |
| | No integral 120Ohm termination resistor |
| | 3-wire-lead connection, 24 AWG |
| | Baud rate: 300bps to 115200bps |
| | Parity: Even, Odd, None, Mark, Space |
| | Data length: 5-bit, 6-bit, 7-bit, 8-bit |
| | Stop bits: 1-bit, 2-bit |
| Power | USB bus powered, receiving 14mA, transmitting 17mA (Point-to-Point) |
| Software | 32-bit and 64-bit virtual COM port device driver for Microsoft Windows 8, Windows 7, Windows Vista, Windows XP. |

### System Requirements
Configuring RS485/RS422 serial settings on a PC requires:
- Microsoft Windows 8, Windows 7, Windows Vista, or Windows XP
- eeTerminal (download from www.devicefunctions.com)

### Device Driver Installation:
The software package is supplied in a compressed folder file named *USB_COM_1P_Driver* or a CD. Here are the installation steps.
1. If you have file *USB_COM_1P_Driver*, rename *USB_COM_1P_Driver* to *USB_COM_1P_Driver.zip*, extract all files to a file folder on your local disk or USB drive, double click *setup.exe* to start software installation.
2. If you have the software CD, insert the software CD into your computer's disc drive, the software installation will start automatically.
3. Follow the on-screen instructions until the setup wizard finishes.
4. Plug the adapter's USB cable to the computer's USB port.
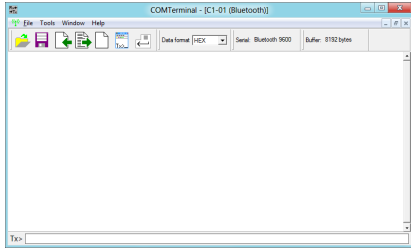5. Follow the on-screen instructions if any to complete the software installation.

### RS485/RS422 Signal Description

| Conductor Color | RS485/RS422 Signal |
|---|---|
| Green | TxD+/RxD+ (A) |
| White | TxD-/RxD- (B) |
| Brown | GND (C) |
| Yellow | NC |

# DEVICE
# FUNCTIONS

## Accessories

**eeTerminal:** Configure, read, and write USB-RS485/RS422 cables. Upload/download files.