

YN-485I Magnetically Isolated USB to RS-485 Converter

Packing List

Before you begin installing, please make sure that the following materials have been shipped:

- YN-485I x1
- USB cable x1
- Driver&Manual CD x1
- This Manual x1

If any of these are missing or damaged, contact your distributor or sales representative immediately.

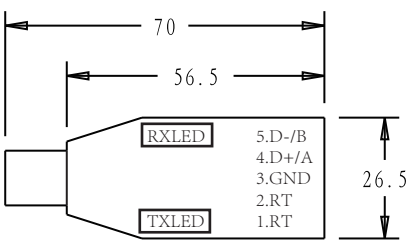
Specifications

- Compatibility: USB v2.0 standard
- Interface: Network:USB Serial:RS-485
- Port: One Independent RS-422 ports
- Connector: Network: USB-type A connector
Serial: Screw terminal
- Transmission speed: 600bps to 115.2Kbps
- Parity bit: odd, even, none
- Data bit: 5, 6, 7, 8
- Stop bit: 1, 1.5, 2
- Isolation protection: 2,500 V
- Driver Support: Windows 2000/2003/XP/Vista/7 (32bit and 64bit)
Linux/Mac
- Power Consumption: 1.5W @ 5V
- Max. Distance: 4000ft (1200m) @ 19.2Kbps
- Case: Blue transparent ABS
- Operating Temperature: -30℃ ~+70℃
- Operating Humidity: 20% to 95% (non-condensing)

Overview

Your Neighbor Tech's YN-485I allows PC users to connect their RS-485 devices to systems that use USB interface. By attaching the YN-485I to a PC, it will no longer be necessary to open the chassis or turn off the PC to install the hub. With the YN-485I, the user instantly gets one extra high-speed RS-485 ports. In addition, since the power is derived from the USB port, there are not any cumbersome power adapters. This makes the YN-485I especially suitable for PLCs, printers, POS system and industrial control devices.

Dimensions&Communication LED Status



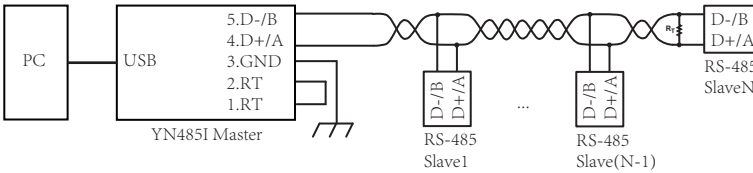
| | |
|-------|------------------------------------|
| RXLED | Flash when data from RS-485 to USB |
| TXLED | Flash when data from USB to RS-485 |

Pin Definition

| | | |
|-----|------|--|
| 1,2 | RT | Internal terminal resistor connected if pin 1-2 is shorted |
| 3 | GND | RS-485 side isolated GND, connect to ground or shell |
| 4 | D+/A | RS-485 Data+ |
| 5 | D-/N | RS-485 Data- |

Application Wiring

If YN-485I connected as a terminal point on the RS-485 bus, connect pin 1-2 and add a terminal resistor on the other terminal of the bus.



If YN-485I connected as one of the mid point on the RS-485 bus, add terminal resistor on each terminal of the bus and left pin 1,2 unconnected.

