



USB to RS485 Converter

Connects RS485 Network To A USB Port, FT232RL Chip

Part No.: **150439**

Easily convert RS485 buses to a USB interface

The Manhattan USB to RS485 Converter transforms any standard full-duplex USB port into a two-wire, half-duplex communication channel with a range of up to 1200 m (3900 ft.).

Automatically detected and installed as a native Com port without IRQ or DMA configuration, it provides USB connectivity with Plug and Play and hot-swap capabilities to legacy devices and connects them to newer PCs with fewer device conflicts. Its Windows/7/8 compatibility, bus power and rugged construction help provide reliable performance without an external power supply or complicated set-up.

Features:

- Quickly adds an RS485 connection to a single USB port
- Easily converts RS485 industrial buses to a USB interface
- Supports multiple modules when installed in a USB hub
- Hassle-free configuration of two-wire half duplex networks up to 1200 meters
- Windows/7/8 compatible — plug and play; hot-swappable
- Three-Year Warranty

Specifications:

Standards and Certifications

- CE
- FCC
- USB 1.0
- USB 1.1
- USB 2.0

Connections

- USB port; type-A male
- D Sub; 9-pin male
- D Sub; 9-pin female (on adapter)
- RS485 port; 4-pin female (on adapter)

General

- 384-byte receive buffer
- Auto transmit control for 128 byte
- Transmission rate: 300 bps to 1 Mbps
- Maximum network range: 1200 m
- Bus powered
- Overcurrent protection: 600 W between USB port and RS485
- FT232RL Chipset

Physical

- Cable length: 80 cm (31.5 in.)
- Weight: 59.5 g (2.1 oz.)

System Requirements

- USB 1.1 or 2.0 port
- Windows XP/Vista/7/8 compatible

Package Contents

- USB to RS485 Converter
- User manual and driver CD



