

USB to Serial Device



TRP-C08U USB to 4 RS232 Isolated Converter

Specifications

- Input: USB 2.0 protocol.
- RS232 output: TXD,RXD,GND.
- Data Format: Asynchronous data with all common combination of bits, parity, stop
- Parity type: None, odd, even mark, space.
- Data bit: 5, 6, 7, 8
- Stop bits: 1, 1.5, 2.
- Cable: USB 2.0 type A to type B cable.
- Communication speed: form 300bps to 256Kbps.
- RS-232 line protection: +/- 15KV ESD.
- Connection type: Screw terminal for maximum AWG #12~30 wire.
- DIN rail and panel mount support.
- Power consumption: 70mA by USB power.
- Operating environment: 0 to 65°C.
- Storage temperature: -20 to 65°C.
- Dimension: 151mm X 75mm X 26mm.
- Weight: 395g.
- Humidity: 10-90% non-condensing. .

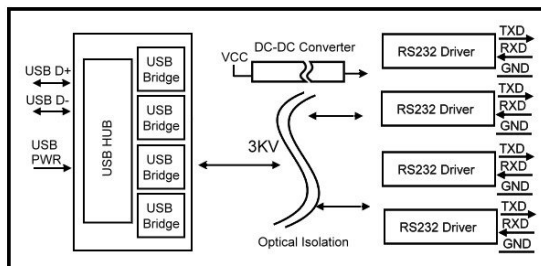
Introduction

TRP-C08M is a USB to RS232/422/485 Isolated Converter support 3KV isolation, built-in RS422/485 interface Surge Protection to ensure the stability of the transmitted data, suitable for applications in harsh industrial environments. TRP-C08M bridge using the latest USB chip that can set up a separate data format baud-rate and other self-defined baud-rate for each COM port it has the ability to automatically select RS232/422/485 Signal through a simple wiring. TRP-C08M Support two power input, USB Power or external input power supply, two types are available over-voltage protection.

Features

- USB-2.0 device controller.
- Allow user custom adjust baud-rates.
- Each Port can impendent set up the baud-rate and data format.
- On-Chip 512-Byte FIFO for upstream and downstream data transfers for serial Port.
- System gets four serial port when the converter plug in.
- Direct power from USB port , no need external power supply.
- 3000 VDC isolation protection on RS232.
- Power and TXA/RXA/TXB/RXB/TXC/RXC/TXD/RXD communication LED indicator
- Din-Rail (option)or panel mount Driver support:
- Driver Support Vista64/32,Windows 98/ME/2000/XP/CE3.0/WIN 7, and Linux, and Mac OS

Block Diagram



Application Note

