

USB to RS485 Module - FT232



- Description
- Specifications

USB To TTL RS485 Converter Adapter Module FT232RL Dual Function is a FTDI Based USB 2.0 to RS-485 converter module. It supports multi-point communication with each converter able to connect to 32 devices. It provides two way communication moreover you can also use it as USB to TTL converter or TTL to 485 converter as well.

It supports USB 2.0 standard and has backward compatibility. It is in line with standard RS485 Direction Control. It supports wide baudrate from 300-9216000 bps. It supports various devices with 485 communication like Programmable Logic Controllers (PLC), fingerprint attendance machines, Surveillance Cameras, PBX, CNC Machines etc.

The USB/RS485 converter allows to the PC computer the devices controlled via RS-485 interface.

ATTENTION! On hardwares with many COM ports, it may be necessary to check the assigned COM port number. You can do it by: Device Manager -> Ports (COM and LPT). You can change the assigned COM port number using Device Manager - Advanced Options for a port.

- Standard: USB2.0 standard, backward compatible, in line with the standard RS485.
- Direction control: The use of automatic data flow control, auto distinguish and control data transfer direction.
- Communication: fluent bidirectional transmission (half duplex) ; one-directional continuous transmission
- Baud:300-9216000bps, automatically detecting the serial signal data rate.
- Load capacity: Support multipoint, each converter allows RS485 interface device to connect 32.
- Interface Protection: TVS tube protection, USB self-recovery protection.
- Support: Windows98/ME/2000/XP/WIN7/WIN10/Vista, Linux, Mac.
- Support devices with RS485 interface: Surveillance cameras, Video capture device, Fingerprint attendance machine, PBX, CNC machine, Microcontroller, etc.
- This converter provides two way serial communications signal.
- Conversion between the RS485.
- To and from a personal computer USB port.
- Using virtual serial COM port.
- Self-powered from USB.
- It can be up to 32 devices on the bus