



## 8 Channel Relay Board- RS485

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## 8 Channel Relay Board- RS485

### OVERVIEW

This is Eight Channel relay board controlled through RS485 protocol. The RS485 relay board is with 8 SPDT relays rated up to 7A each. You can control devices 230V / 120V (up to 8) directly with one such relay unit. Suitable for home automation applications, hobby projects, industrial automation.

### Features

- 8 SPDT Relay channels (7A 250V,12A 120V,10A 125VAC, 10A 28VDC).
- Power supply:12VDC 1AMP
- Current consumption: 400 mA.
- LED indication for relay & power supply.
- Design based on highly proven IC ULN2803 as driver.
- High quality PCB FR4 Grade with FPT Certified.

## USB To RS485 Converter Module



### OVERVIEW

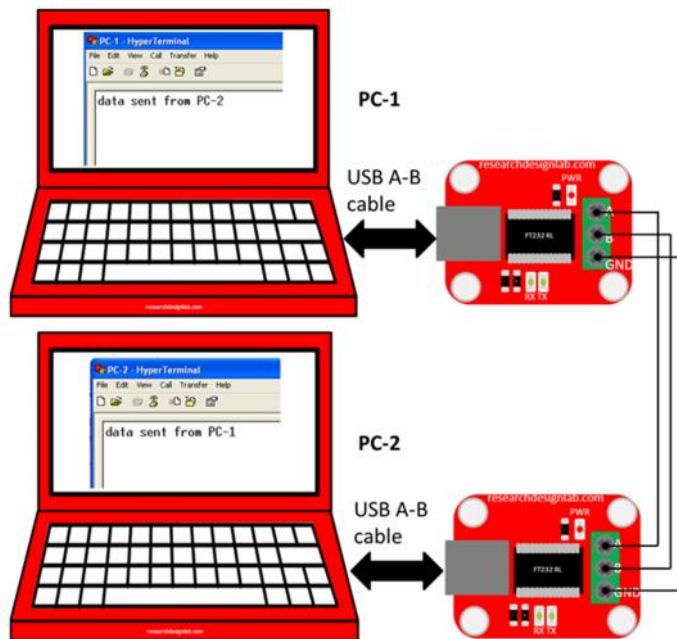
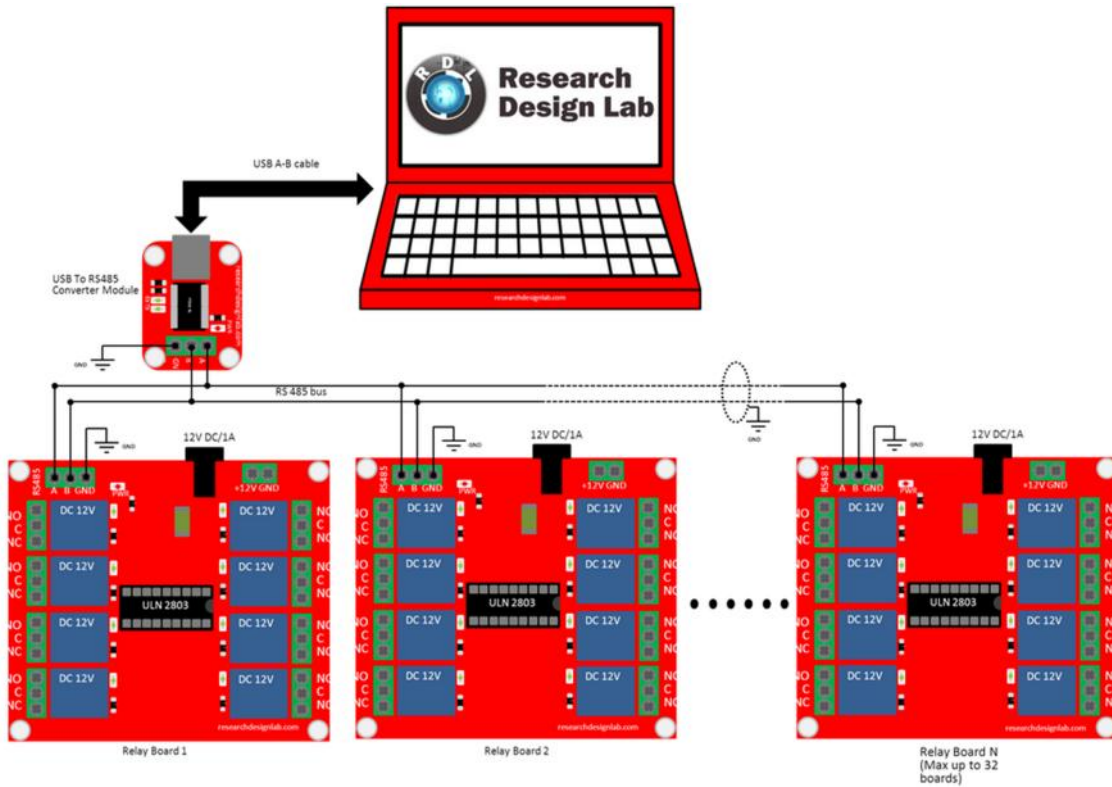
The USB-RS485 is a fully automatic plug-and-play USB module that connects to your PC via the Universal Serial Bus (USB) port and provides robust USB to RS-485 protocol conversion with automatic RS-485 flow control. This converter provides two way serial communications signal conversion between the RS485 to and from a personal computer USB port using virtual serial COM port. Using the USB-RS485 module, one can connect upto 32 RS-485 devices simultaneously to a single USB port. Typically it is used for multi-drop communication.

The USB-RS485 module provides an easy to use RS485 interface by means of a Virtual Com Port on the users system. The module is completely self-powered from the USB bus. Simply use the standard COM-port interface to automatically connect RS-485 over USB.

### USB To RS485 Converter Module Features:

- Self-powered from USB.
- Easy to use and small size.
- USB2.0 standard.
- Baud rate: 2400-921600bps.
- Supports devices with RS485 interface: surveillance cameras, video capture device, fingerprint attendance machine.
- High quality PCB FR4 Grade with FPT Certified.

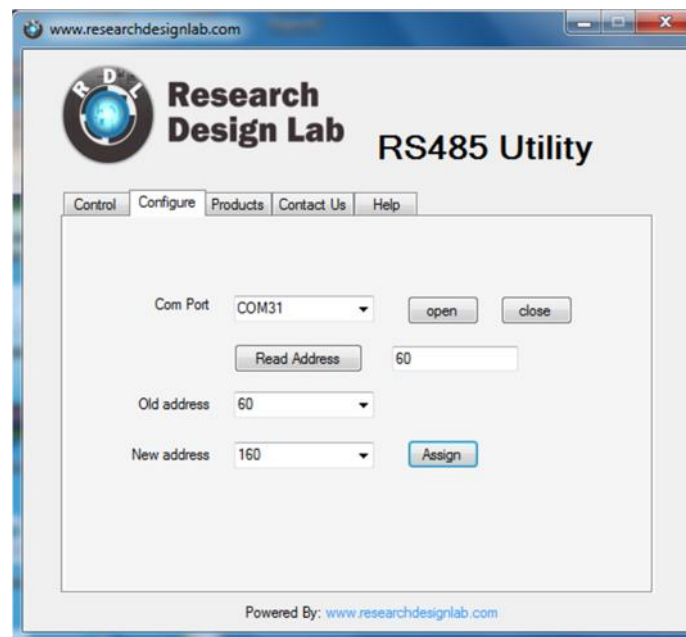
### 8 Channel Relay Board- RS485 I/O Connections:



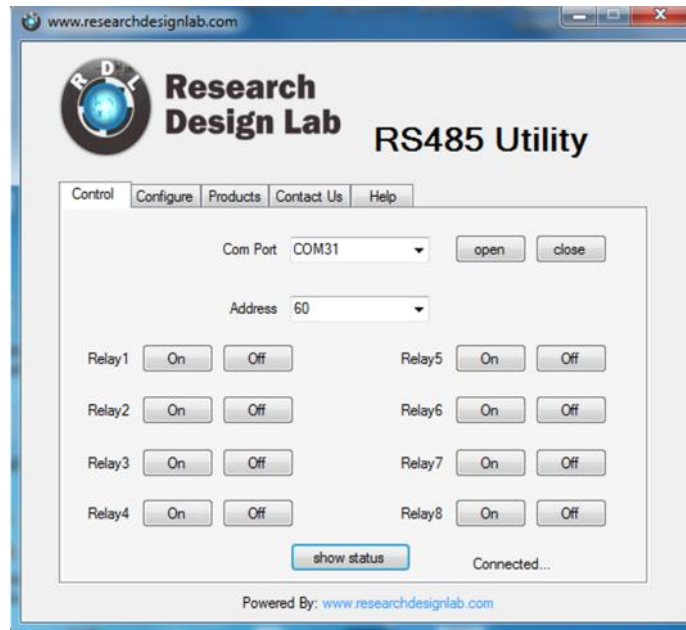
## RS485 Utility software:

Download link:

<https://drive.google.com/file/d/0BzrGD4zr88Gnemp3S3g0dVFvZ00/view?usp=sharing>



Select the appropriate COM port and click open.  
Once connected, read the address.  
One can assign new address.



Select the appropriate com port and address.



Relay status