

# SOB 11-44 USB TO RS485/422/232 CONVERTER

## Quick manual

**Systems On Board**, The house of interface solutions, has been actively engaged in design and development of simplified, user friendly single board solutions for the field engineers. The devices are plug-n-play, rugged and easy to install on a rail mount or on base plate.

The **SOB 11-44** is an high speed USB 2.0 to RS232/RS485/RS422 converter with having isolation 2.5K VDC. The Rs232 standard supports full duplex communication and handshaking signal such as RTS, CTS and the RS 485 control is completely to the user. The isolation provide protection up to 2.5K VDC to the host computer from harmful voltage spikes on data line. It does not need any external power source, It will get operated through USB port.

### Features :-

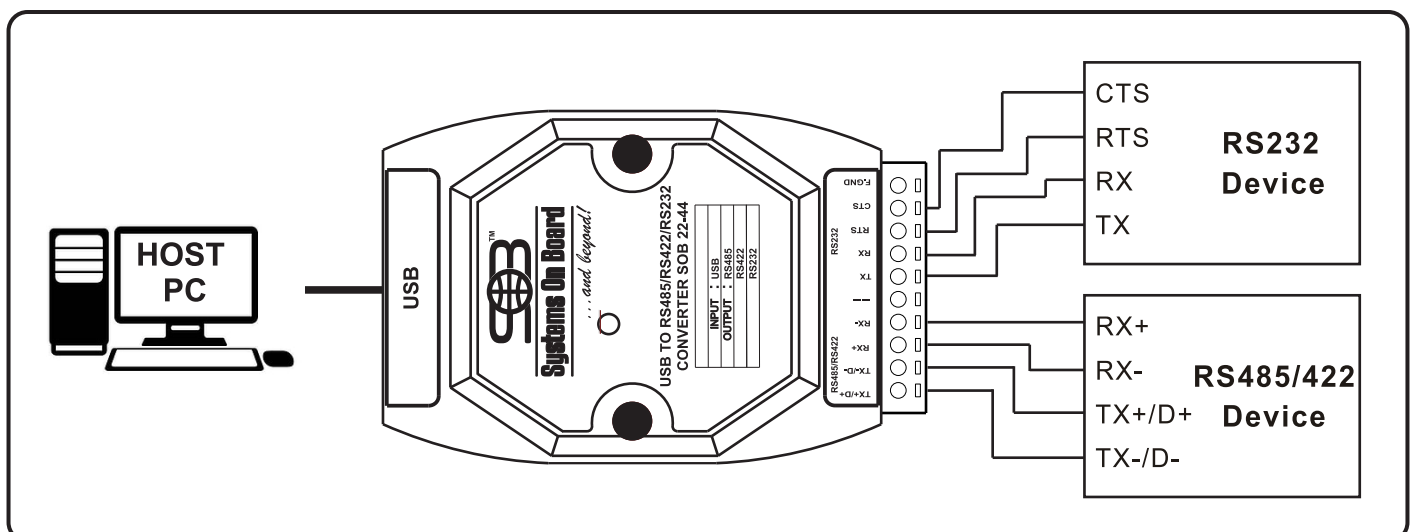
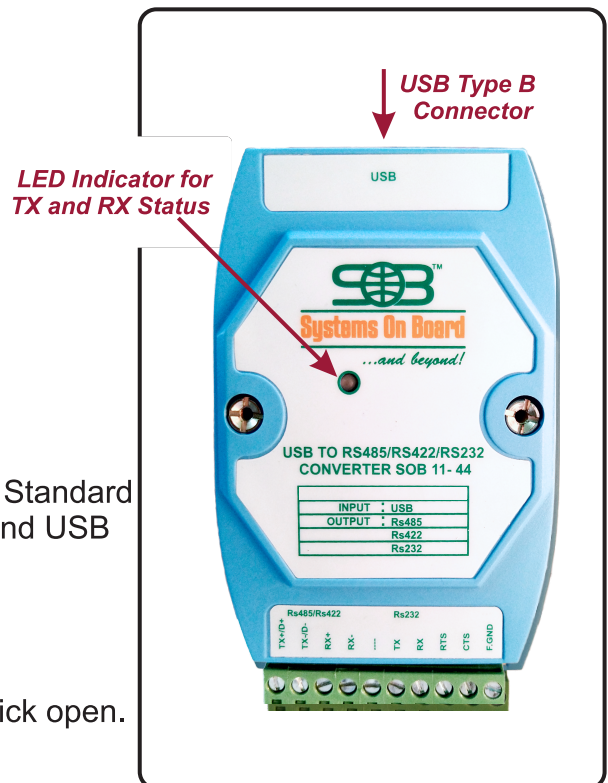
- USB Specification 2.0 compliant
- Transient suppression on RS-485 data lines
- Auto switching for USB to RS232/RS485/RS422
- Power requirement : Self Power
- Din rail mount or panel mount
- Rs232 Support RTS &CTS handshake signals
- Auto direction flow control on RS485

### Specifications :-

- USB interface connector - USB Type B
- Isolated RS232/RS485/RS422 Channel
- In RS232 Channel RTS & CTS signal is available
- Baud rate support : 300(bps)~115.2K (BPS)
- Operating temperature : 0~70°C
- Power requirement : USB Power
- TX and RX Indicator
- Easy to Mount on Din Rail or panel
- USB Controller : Compatibility USB Specification 2.0 Standard
- Accessories (In Box) :Mounting Adapter with screw and USB Type A To USB Type B cable

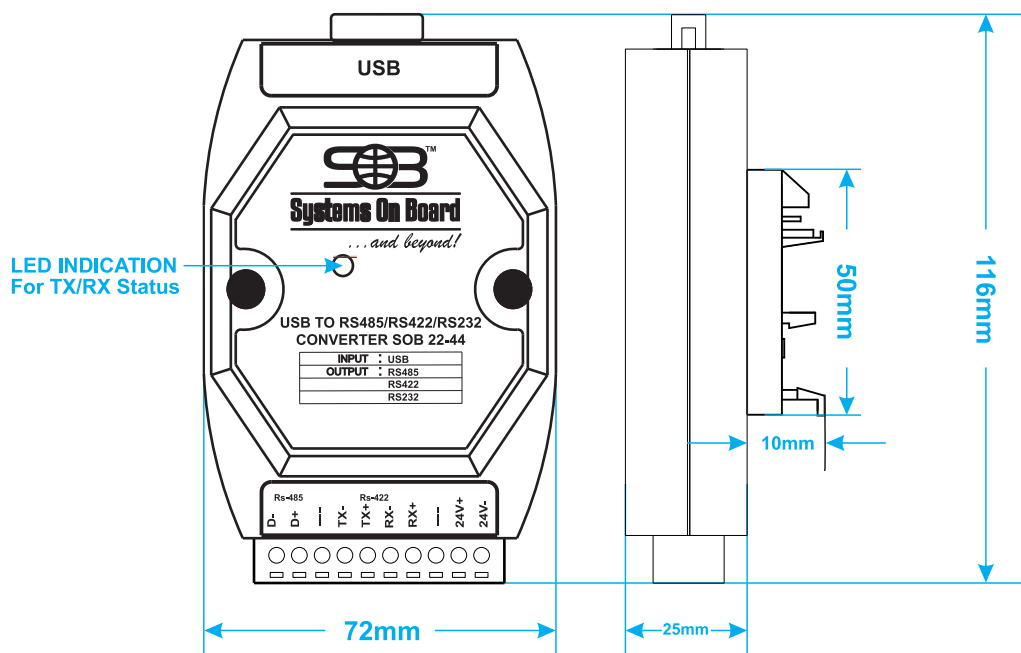
### Driver Installation :-

- 1) Insert CD into the CD drive.
- 2) Browse "My Computer" and right click on cd drive, Click open.
- 3) Double click on "CH341SER" Application.
- 4) Click on install , wait until the process finishes.
- 5) After installation , message window will pop up "Driver is installed successfully".
- 6) Enjoy!



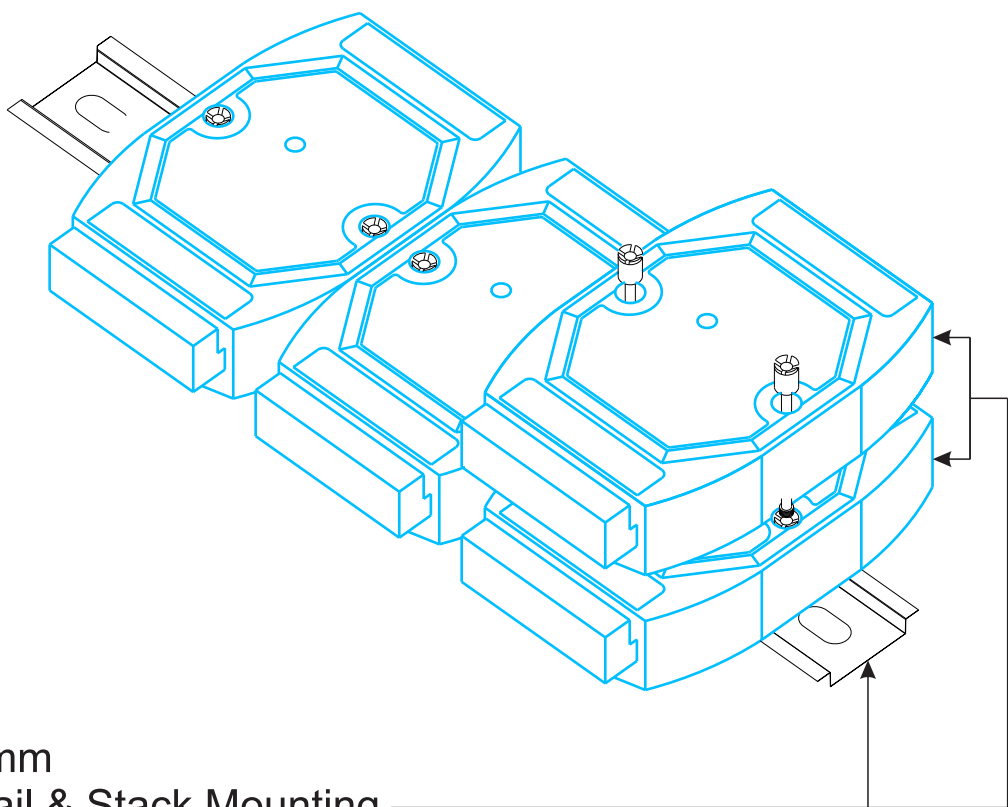
# SOB 11-44      USB TO RS485/422/232 CONVERTER

## MECHANICAL SPECIFICATION :-



**Accessories:-** DIN-rail Mounting kit,35mm

## MOUNTING ARRANGEMENT :-



Unit: mm  
Din-Rail & Stack Mounting