

## THE COMPANY

**SOS Systems On Ship Pvt. Ltd** is an integrated solution provider in the fields of electronics Command Control & Communication (3 C), a unique blend of traditional and modern state of art technologies.

The Company provides a complete solution for requirement from concept to an end product on turn-key basis. SOS believes that each ship is a unique entity and comes with its own unique problem of command, controls and communication thus only a tailored solution would only meet and satisfy the marine customers.

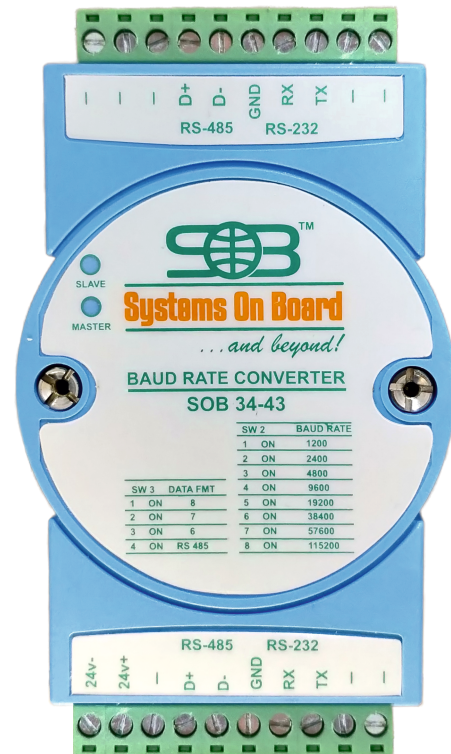
A small group of dedicated engineers who have multi-discipline knowledge and field exposure to the marine environment, leave no stone unturned to meet the user specifications. Our solutions are customer centric. We have received appreciations from all our customers and our spread across the board within a short span of time speaks volume and we believe that is a true measure of our customer satisfaction. Every single repeat order from our customer makes us humble and inspires us to rededicate to achieve higher organizational goals.

## BRIEF DESCRIPTION

**Systems on Board**, The Baud Rate Converter is a device which can sit in-line with an **RS232/RS485** cable and change the speed or baud rate of the data passing through. Each side of the baud rate converter can be individually configured to suit the device connected to it.

The device supports any data rate up to **115.2 kbps** and all standard data formats. Each side can also supply or accept hardware or software handshaking, allowing the higher speed device to be located on either port.

The module may be installed on any system. LED indicators are available for master and slave communication.



## Features:

- Works at most speeds up to 115.2 kbps.
- User friendly LED indicators.
- Easily configured via the DIP Switchs
- Fully compliant with RS232 voltage levels.
- Additional RS485 interface.
- such as HyperTerminal. It can be configured from Windows,

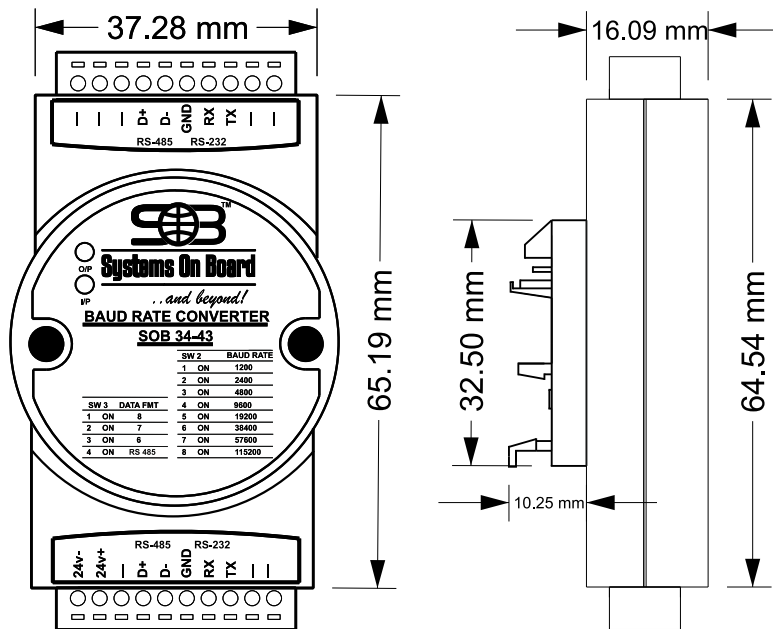
## Application Examples:

- Laboratory equipment
- Data logging devices
- Marine navigational systems
- Bar code scanners and POS equipment
- Home Automation systems

<http://www.systemsonboard.com>



## MECHANICAL SPECIFICATION :



## TECHNICAL SPECIFICATION :

Input : RS 232 / RS 485

Output : RS 232 / RS 485

Operating Voltage : 24Vdc

Operating Temperature: -10~+50 °C

Mounting : DIN Rail

Authorized Dealer

## EXAMPLE :

## BAUD RATE CONVERTER

PLC



1200bps

9600bps

115200bps

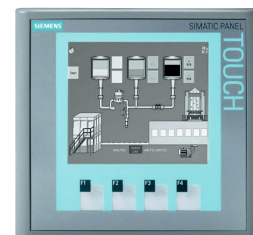


1200bps

9600bps

115200bps

HMI



**Systems On Board**

...and beyond!

