

# SenseLive

# S2385H

# RS485 HUB

---

**SenseLive Technologies**

G H R T B I F, Nagpur, MH 440016, India  
info@senselive.io, 9604070622, 8408058531

[www.senselive.io](http://www.senselive.io)

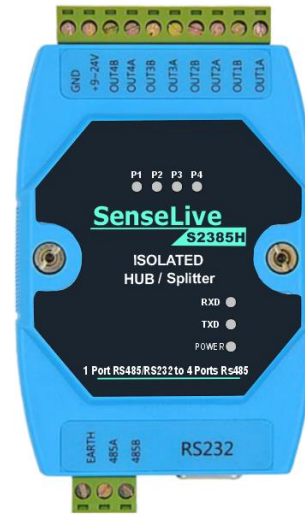
## 1 channel RS232/485 to 4 channels RS485

### Product Overview

S2385H is a 4-port industrial isolated RS485 hub that extends one RS485/RS232 main port into four isolated RS485 sub-ports. It provides reliable data communication, isolation, and protection against ground loops, surges, and interference in harsh industrial environments

### Key Features

- 1) RS485 master port and slave port has 2500V voltage isolation protection.
- 2) RS485 master port and slave port support 256 slave stations.
- 3) The back is equipped with guide installation card slot, suitable for guide installation.
- 4) 9~24V wide range input.
- 5) RS485 opposite connection indicator. The CH1~CH4 indicator is always on when line A and line B are opposite connected.



### Technical Specifications

Parameter	S2385H
Interface Standard	meet EIA/TIA RS232/RS485 standard
Physical Interface	RS232: DB9 (hole); RS485: Terminal
Serial Port Type	RS485: two-line (A, B); RS232: three line (TXD, RXD, GND)
Communication Rate	0~200Kbs (self-adaptive)
Support Qty.	each RS485 port support up to 256 node
Communication Distance	1200m (9600bps); higher rate shorter distance

Isolation Voltage	RS485 isolation voltage: 2500V
Static Protection	RS485: 12KV
Operation Mode	half-duplex transparent transmission
Input Voltage	DC 9~30V
Work Temperature	-45°C~+85°C
Environment Humidity	<95%RH
Transmission Medium	normal parallel lines or twisted-pair
Isolation Voltage	RS485 isolation voltage: 2500V
Size	L×W×H=12.2cm×7.2cm×3.4cm

**interface instructions**

485A, 485B	RS485 main port
RS232	RS232 main port, can choose 1 between it and RS485 main port
OUT1A, OUT1B	RS485 slave port 1
OUT2A, OUT2B	RS485 slave port 2
OUT3A, OUT3B	RS485 slave port 3
OUT4A, OUT4B	RS485 slave port 4
GND, +9~24V	Power supply terminal input