

SenseLive

2M1S

RS485 HUB

SenseLive Technologies

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2 channel Splitter/ 2 master 1Slave Hub

Product Overview

The 2M1S is an industrial-grade cached RS485 hub that supports two-masters-one-slave or one-master-two-slaves communication modes. It allows multiple RS485 devices to communicate without data conflict, even at different baud rates. Each of its three independent RS485 ports can be configured separately. The device features DIN-rail mounting, 9–24V DC power input, status LEDs, and supports address filtering for selective data transfer.

Key Features

- Supports Two-Masters-One-Slave and One-Master-Two-Slaves modes
- Independent RS485 ports with separate settings
- LED indicators for power and communication status
- DIN-rail mount design, compact and easy to install
- 9–24V DC wide voltage input
- SenseLiveConfig Tool used to Configuration
- Baud rate range: 1200–460800 bps
- Operating temperature: -40°C to +85°C



Technical Specifications

Parameter	2M1S
Communication Ports	3 × RS485
Supported Modes	Two-Masters-One-Slave / One-Master-Two-Slaves
Baud Rate	1200 – 460800 bps
Data Bits	8 (fixed)
Parity	None / Odd / Even / Mark / Space
Stop Bits	1 or 2

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Operating temperature	-45°C~+85°C
Ambient humidity	<95%RH
Transmission medium	normal parallel lines or twisted-pair
Size	L×W×H=12.2cm×7.2cm×3.4cm

Splitter

interface instructions

GND, +9~24V	Power supply terminal input
485A, 485B	RS485 main port
OUT1A~OUT2A, OUT1B~OUT2B	RS485 slave port 1~2



Front View



Back View