

SenseLive

S485H

RS485 HUB

SenseLive Technologies

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8 channel Splitter

Product Overview

It is an 8-port industrial isolation RS485 hub that extends 8 RS485 slave ports from a single master port. It supports reliable relay, extension, and isolation of RS485 networks, enabling stable star or extended connections. Designed for harsh industrial environments, it features photoelectric isolation to protect devices from ground potential differences, static, lightning, and surges, ensuring high reliability and safety.

Key Features

- RS485 master port and slave port with opto-isolator protection
- Supports high baud rate up to 460800bps
- Power supply isolated from both master and slave RS485 power supplies
- Back equipped with guide installation card slot for easy mounting
- Wide input voltage range: 9–24V



Technical Specifications

Parameter	S485H
Interface Standard	meet EIA/TIA RS485 standard
Physical Interface	RS485: Terminal
Serial Port Type	RS485: two-line (A, B)
Communication Rate	300~460800bps baud rate (self-adaptive)
Support Qty.	each RS485 port support up to 32 node
power supply	DC 9~24V (Wide voltage input is supported)

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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~OUT8A, OUT1B~OUT8B	RS485 slave port 1~8

