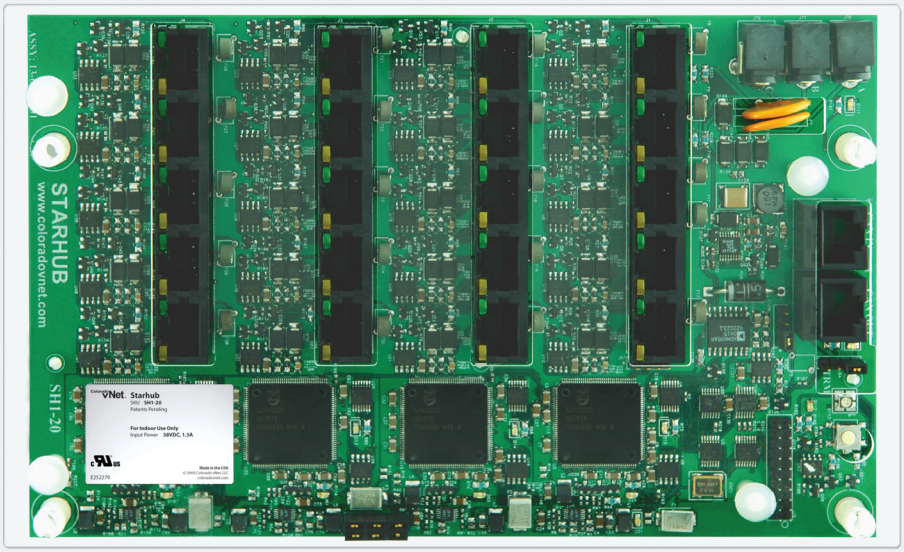
Starhub

SH1-10 | SH1-20

Colorado VNet®
Life Simplified™



The Starhub's primary purpose is to distribute CAN bus messages along the CAN bus backbone and through to the individual modules, without interfering with the capability of the modules to communicate directly with each other.

In addition, the Starhub is responsible for sending power to the system modules, and for switching to secondary power in the event of a primary power supply failure.

The Starhub constantly monitors its own operating state to proactively alert the system of any potential problems and features LEDs to indicate module connection status.

Each SH1-10 or 20 Starhub can be daisy-chained on the CAN bus to allow for dozens of hubs and thousands of modules – enough for even the largest projects. The SH1-10 can handle 10 separate system modules, and the SH1-20 manages up to 20 modules.

Primary Features

- Distributes CAN bus messages among system modules
- Distributes power to the system modules
- Automatically switches to secondary power in the event of a primary power supply failure
- Indicates module connection status
- Constantly monitors its own operating state to proactively alert the system of any potential problems

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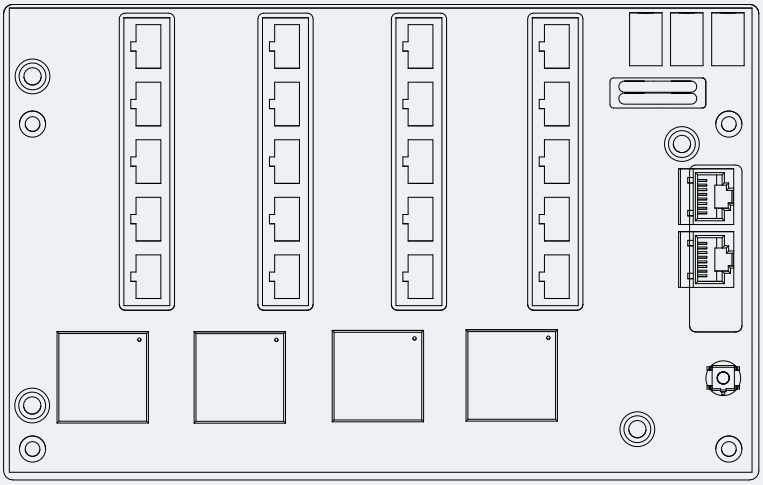
Drawing

Front



General	Standards/Approvals	UL/cUL (Safety): 60950 FCC Part 15: (emissions) Class B CAN 2.0B Compliant Patents Pending
Electrical	Input	38VDC (primary and secondary)
Physical	Interfaces/Communication	RJ-45 CAN Backbone Bus (Input and Output) RJ-45 CAN Module Bus (10/20)
	Indicators	LED per Module Bus port indicates connection and data transfer status LEDs indicate primary and secondary power status
	H x W x D	8″ x 5″ x 1″
	Weight	0.75 lbs
Environment	Operating Temperature	0 deg. C to 40 deg. C (32 deg. F to 104 deg. F)

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