



## CI-SE2 Serial Extension Module

### Details

The Conserve It Serial Extender module (CI-SE2) is part of Conserve It's edge hardware portfolio designed to provide an additional two usable RS485 ports to you CI-534 controller.

The CI-SE2 allows for a greater number of serial networks, as well as 34 analogue and digital IO points.

The CI-SE2 communicates to the CI-534 through the Conserve It Serial device network and can form part of a larger chain of CI-534 and CI-XM34IO hardware.

### Use Cases

- Additional 2 x RS-485 ports for a CI-534-N4
- Additional IO for a CI-534-N4
- The Conserve It IO device network support all CI-534-N4, CI-SE2 & CI-XM34IO modules

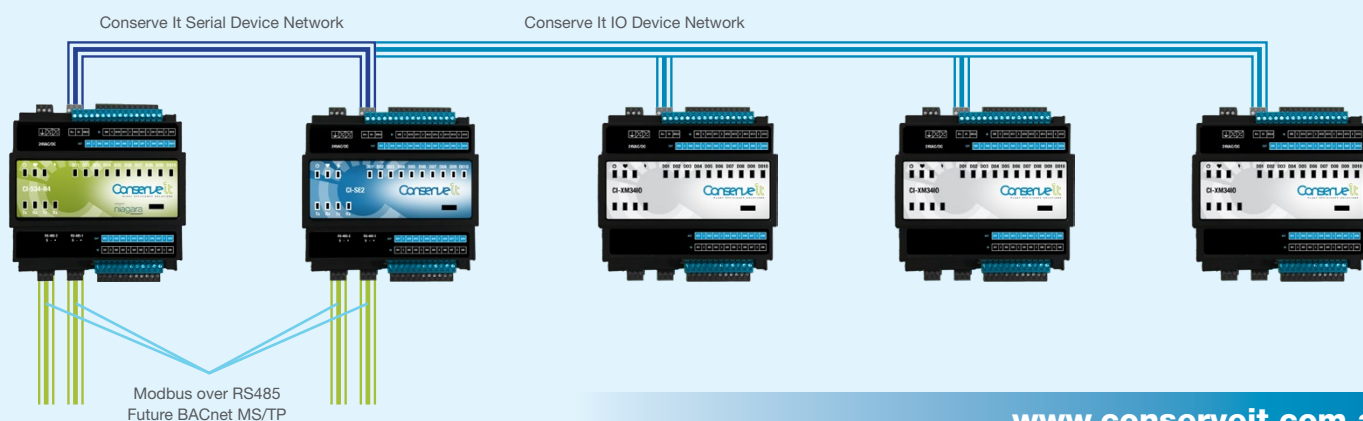
### Specifications

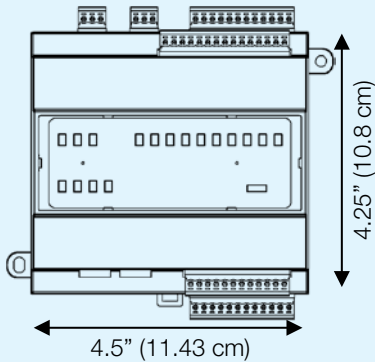
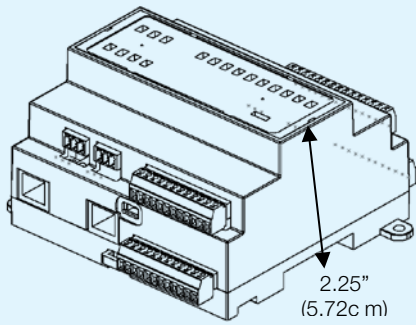
- 10 Digital Outputs, 8 Analog Outputs & 16 Universal Inputs
- Input mode setting per Universal Input (resistance, voltage, current, pulse, etc.)
- Micro USB (1), IO Network
- Wired 24 Vac/dc
- 35mm DIN rail or flat panel mounting

### Features

- Additional 2 x RS-485 ports for a CI-534-N4
- Can be used with CI-534-N4
- Extremely compact, modular design allows flexibility/versatility in various combinations of IO
- Extends 34 points and 2 RS-485 ports to an IO Network Capable device like CI-534
- Add to a CI-534, up to 7 additional extender modules (at 34 points of IO each) for a maximum of 306 points
- Small unit footprint (11.43cm x 10.8cm x 5.72cm)
- Low power

Figure 1: Connect an additional CI-SE2 extender modules (at 34 points of IO each) to a CI-534 for a maximum of 4 RS-485 ports.





Communication ports	
IO Network	3-wire high-speed differential serial signal (IO+, IO-, SHLD)
Inputs and outputs	
16 Universal Inputs	Type-3 10K ohm thermistors; resistance 0-100K ohms; 0-10 Vdc; 0-20 mA using a 499 ohm resistor; pulse input: up to 500Hz
10 Digital Outputs	Form A contacts, 24V at 0.5A
8 Analog Outputs	0-10Vdc
Connector Screw Size	3/32" slotted
Supported Wire Size	28-16 AWG
Housing	UL94V-0
Power	
Power Input	External 24V ac/dc power supply
Chassis	
Construction	Base: Plastic, DIN rail or screw mount
	Cover: Plastic
Cooling	Internal air convection
Dimensions	11.43cm (4.5") width x 10.8cm (4.25") length x 5.72cm (2.25") depth
Mounting	Flat panel and 35mm DIN rail mounting options standard
	Recommended maximum cable length: 30 feet (9.1m)
Environment	
Operating Temperature	0 - 60°C (32 - 140°F)
Storage	0 - 70°C (32 - 158°F)
Relative Humidity Range	5 - 95% RH, non-condensing
Certifications	
Compliance	FCC Part 15 Subpart B, Class A, RoHs, CE EN 61326-1, CAN IC-ES-3(A)/NMB-3(A)
Weight	
CI-SE2	0.4 kg
Part number	Description
CI-SE2	One Conserve It Serial Extender Module with two usable RS485 ports