

2 CAN bus interfaces - Hardware I/O - Compact Enclosure

Bridge two Controller Area Network interfaces

Message data transfer from one CAN bus to the other

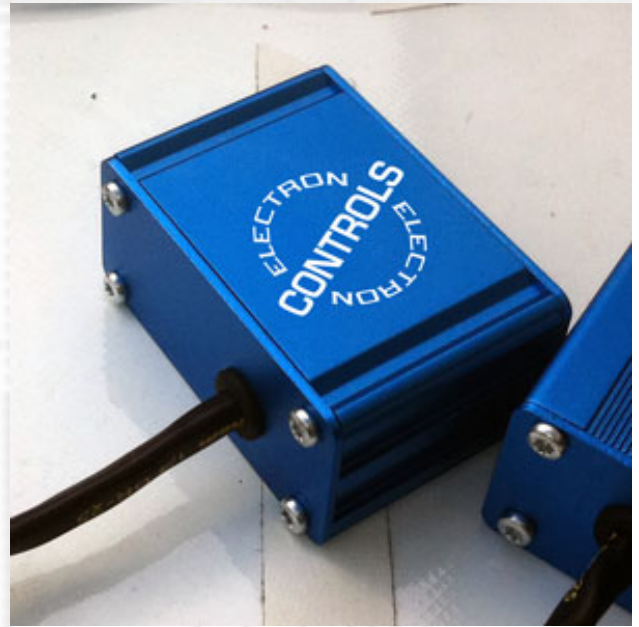
Two independent CAN controllers are configured and run independently

Multiple CAN protocols supported

Input / Output options for interfacing real-world signals.

All signals are high-level and can be connected directly to most ECU's / Data Loggers

Design services available to fit many installations.



Mechanical / Electrical

Weight (with pigtail and connector)	TBD g
Case Dimensions	2.5" x 1.6" x 1.2"
Operating Temperature	-4° F ... +185° F
Storage Temperature	-40° F ... +221° F
Supply Voltage	6.25 - 26v
Supply Current	30 mA (approx.)
All regulated circuitry are protected from reverse battery installations, 2-battery jump, line transients, and load dumps.	

Hardware Inputs

- 2 - Opto-Isolated Inputs (max 30v)
- Up to 8 - Analog Inputs (10-bit ADC conversion)
- Up to 14 - Digital Inputs (TTL or Schmitt logic)
- Precision Timer / Capture-Compare

CAN Bus 1&2

- ISO-11898 standard physical layer
- Supports 250k, 500k, and 1000k bit rates
- Supports CAN1.2, CAN 2.0A, and CAN 2.0B
- 2 Masks, 6 Filters for greater efficiency
- DeviceNet data bytes filter support
- Standard and extended data frames (11-bit or 29-bit)
- Support for SAE J1939 protocol

Hardware Outputs

- 4 - Open Collector Outputs (5v/12v pullup)
- 2 - PWM Outputs (0 - 5v)
- Up to 14 Digital Outputs (0 - 5v)
- Precision Timer Functions



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