

Emtron Input Expansion to CAN

The EIC16M is a Mil Spec device designed to increase the Input channel capability of all Emtron ECUs with 16 high resolution analog and/or 4 frequency based inputs. The device is connected via CAN bus and will be automatically detected, significantly minimising configuration time. The enclosure is made from billet 6061 aluminium and is waterproof, allowing for use in extreme environments.



EIC16M Overview

- Mil Spec 16 channel Input to CAN device using Deutsch Autosport connector
- Aluminium billet 6061 enclosure
- Water proof, allowing for use in extreme environments.
- 64MHz 16-bit Automotive processor
- Analog channel sampling rate 500 Hz
- 16x Analog inputs, 0.0V - 5.0V range, resolution 1.22mV, 12-Bit
- Switchable 1k Ohm pullup resistors
- 4x Frequency inputs, 0 – 6500 Hz, Magnetic and Hall effect sensor compatible
- CAN 2.0B baud rate: 250kBaud, 500kBaud or 1Mbaud Auto Detect
- CAN transmit rate adjustable: 50Hz/100Hz/200Hz/500 Hz
- Operating temperature range: -30 to 100°C (-22 to 212°F)

Visit www.emtron.world for more information.

EIC16M

