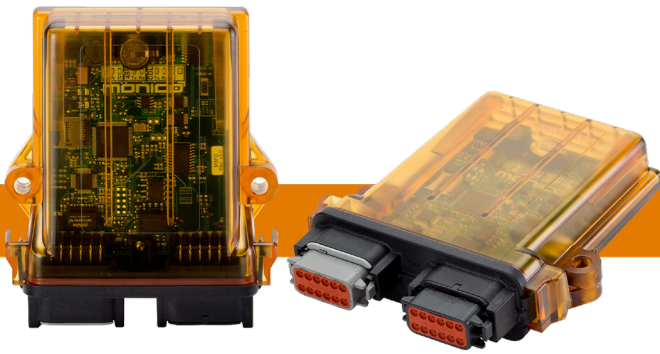




# Monico Mobile Messenger

Industrial Protocol Translator



## The Monico Mobile Messenger

**m<sup>3</sup>** is designed for high volume applications requiring consistent data parameter protocol translation between CDL (CAT® Data Link) and J1939 or Modbus RTU. The unit is purpose built in an environmentally sealed IP66/IP67 enclosure and designed for industrial, mobile and off-road applications. The semi-transparent housing provides clear visibility to LED indicating lights configured to provide positive confirmation of power, connectivity, and data transmit/data receive.



## Applications

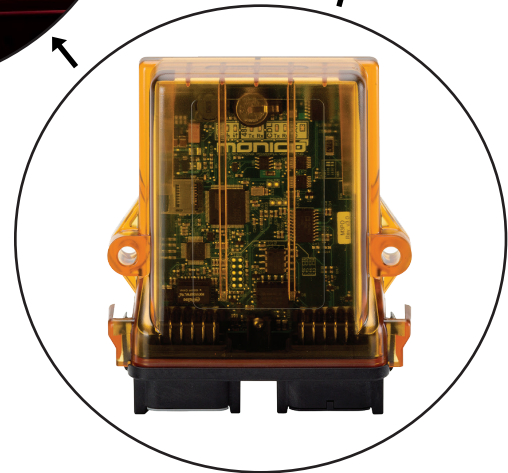
- Marine Propulsion and Power Generation
- Industrial Off-Road and Heavy Equipment
- Generator Controller Upgrades

## Ports and Protocols

- CDL via CAT® Data Link Port
- S.A.E. J1939 via CANbus Port
- Modbus RTU via RS485 Port

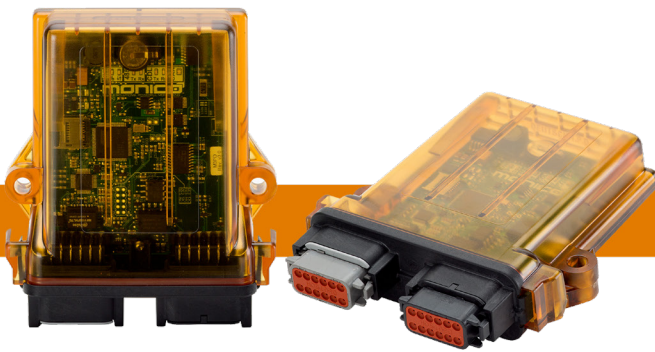
## Features and Benefits

- IP66/IP67 (Outdoor Rated for Dust and Water Jets)
- Temperature Range of -40°C to 70°C
- LED Indicating Lights for Power and Communication
- Factory Programmed Application Specific
- Rugged Design for Mobile and Off-Road
- Industry Standard DEUTSCH® Connectors
- Direct CDL to S.A.E. J1939 Translation
- Data Map Includes up to 50 Parameters

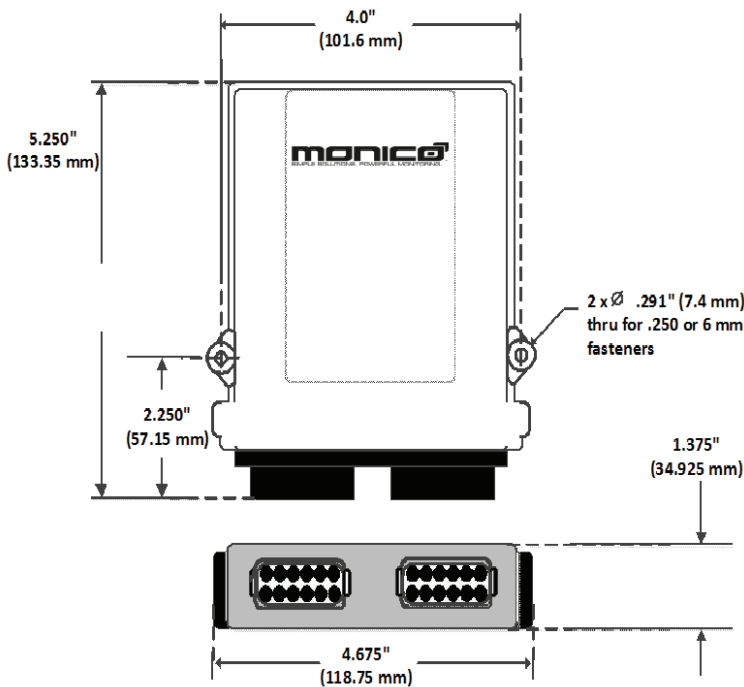




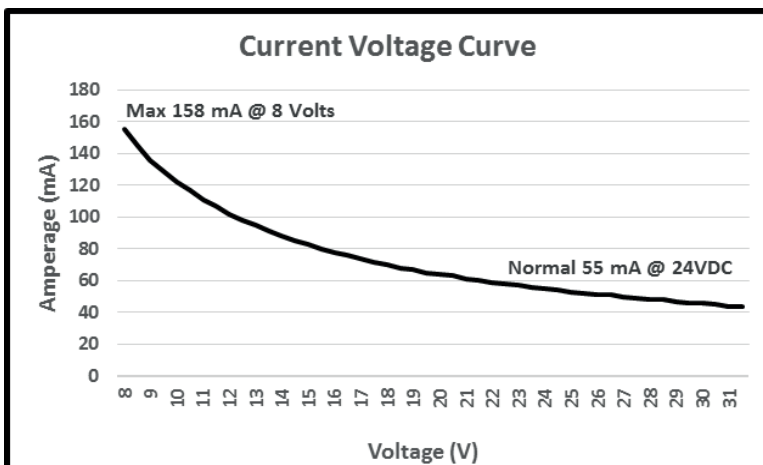
# Monico Mobile Messenger



## Dimensions and Mounting Detail

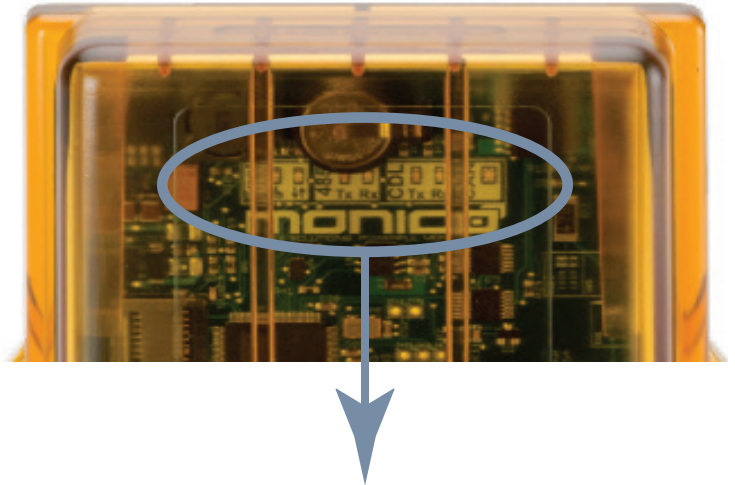


## Electrical Data



**Voltage: 8 - 32 VDC**  
**Reverse Polarity Protected**  
**Max Current: 160 mA**  
**Max/Min Operating Temperature: -40°C / 70°C**

## LED Indicators



m3's LED indicating lights are visible through its semi-transparent housing. Red and green indicators are provided for each data link (CDL, CANbus, and RS485) to specify whether or not there is a connection, if there is an error, and whether data is being transmitted or received. Another LED indicator is given to provide clear power confirmation.

## Parts Not Included

Name	Description
Back Shell (optional)	Available through Ladd Industries, Part # 1028-015-1205
Beldon 9841 Wire	Recommended for RS485 Connection
Beldon 8719 Wire	Recommended for CAT® Data Link Connection
Northwire DataCELL Wire	Recommended for CANbus Connection

## How to Order: m3 Part Numbers

To order, email [sales@monicoinc.com](mailto:sales@monicoinc.com).

m3 Basic (CDL to J1939 Translation): M31.L0.M0.0  
 m3 with Custom Configuration: M31.L0.M0.1  
 m3 for Marine Applications: M31.L0.M0.2