

# Message Center Display

## Mechanical:

- Display viewing area: 1.3"
- Dashboard cutout: 2.-75±0.01" dia.
- Standard 6-pin Deutsch connector
- Standard gauge mounting hardware

## Environmental:

- Operating temp. -20 to 70C
- Water intrusion:
  - IP67 (front)
  - IP40 (rear)
- ROHS
- Chemical exposure
- UV exposure

## Electrical:

- Operating voltage: 9 to 16VDC
- Under/overvoltage protection
- Reverse polarity protection
- Current draw:
  - <60mA at 100% backlight

## Features:

- Customizable
- Field reprogrammable through microUSB
- 2 universal inputs
- CAN interface
- Conditional NMEA 2000 compliance
- Ambient light sensor
- STM32F412 microcontroller
- External memory
- TouchGFX graphics engine and library



## 2" MCD

## Display Module:

- 240x240px 1.3" round LCD
- Full color 18bpp (over 260k colors)
- Sunlight readable (1000nits)
- Viewing angles (all)
- Optically bonded to cover glass (eliminates fogging)
- Multi-Touch PCAP
- UV protective coating
- Anti-glare treatment