

FMCU

**FLEET MONITORING
& CONTROL UNIT**



FMCU



CAN bus



GPS ublox module



WiFi HotSpot



Controlling Temperature

Key Features

- Internal or external cellular and GPS antenna
- Options for easy and covert installation
- High sensitivity GPS
- Internal buffered message log to SD card
- Dual serial ports
- GPS ublox module
- Power management sleep modes
- Automatic, over-the-air configuration and firmware download

Radio Performance

- GSM/GPRS Quad-Band: 850/900/1800/1900 MHz
- Module: ublox SARA-G3 series

Environmental

- Operating Temperature: -20° C to 70° C
- Relative Humidity: 95% RH at 50° Non-Condensing

Physical Specifications

- Dimensions: 106x56x27 mm
- Weight: 80 g

GPS Functionality

- Module: Untethered 3D Dead Reckoning (UDR) module. Combining multi-GNSS (GPS, GLONASS, BeiDou, Galileo) with an onboard 3D gyro/accelerometer
- Product qualification: AEC-Q100(ICs), ISO 16750 (modules)
- Channel Buffered GPS Message Feature: YES

Power Source

- Operating Voltage: 12 or 24 VDC with passive/active supply rail transients suppression designed to meet ISO 7637-2 and ISO 10605 standards

Certification

- EHK 10 05
- Homologization mark E27*10R-05*1269
- CE



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