



FLEETDATA

Intelligent Fleet Management

Mobile Tracking and Telemetry Unit

The FleetData FD420 is a highly integrated advanced online tracking and telemetry control device designed specifically for use in automotive application.

The FD420 utilises either the GSM or CDMA cellular network to provide real time two way communications via the Packet Data (GPRS or 1xRTT) protocol. While out of range, upto 32,000 samples can be recorded.

With the optional 2GB memory card upgrade, the FD420 becomes a black box recorder logging events upto 4 times a second.



Product features

- Designed for use in Automotive environments
- 32,000 offline log samples in internal FLASH
- Blackbox logging option with 2GB SD card
- Over the air firmware upgrade support
- Four protected digital inputs
- Ignition control function input
- Two open collector digital outputs
- DTE Serial port for peripherals equipment
- DCE Serial port for display equipment
- Integrated 12 channel GPS receiver
- Wide operating input voltage; 10 - 28VDC
- Internal Real Time Clock
- Internal temperature sensor

Product options

- SE420 - Serial Expansion Module.
- MIO8 - Multi-IO Interface Module.
- BB2G - 2GByte Black Box Upgrade.

Technical Overview

- **Dimensions**
140mm (l) x 79 (w) x 43 (d)
- **Operating Temperature Range**
-10 to 60 degrees C
- **Standby Current**
10mA @ 13.8VDC
- **Operating Current**
120mA @ 13.8VDC
- **Network SIM Card**
Internal. 3V SIM only
- **GPS Startup**
12 Channel
- **Antenna Connectors**
GPS: SMA. Cellular SMA
- **Available Models**
FD420/GSM
FD420/CDMA

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