



FleetData's Bluetooth based AVL tracking system provides the ultimate solution for low cost automatic vehicle locations and GPS tracking applications. It combines GPS tracking and Bluetooth communications for true M2M technology in application of fleet management, vehicle tracking and asset control.

Install the FD420-BT into any vehicle and it will continuously record vehicle tracking information. Upon arriving back at base the data can be wirelessly downloaded using a Bluetooth enabled device.

Combine this module with FleetData's own real time fleet management applications for Windows OS and Linux to realise the ultimate end to end tracking system.

Key Features

- Low-cost highly integrated tracking module
- Supports Bluetooth Communications to Bluetooth enabled equipment.
- Link failover to internal logging.
- Internal logging of 32000 points
- Configurable status alerts
- 4 protected digital inputs
- Strong plastic enclosure with mounting flanges
- Easy installation and connection with provided interface cable
- Configuration over the Bluetooth link
- LED indicator of status and activity

Applications

- Fleet management
- Vehicle tracking
- Asset tracking
- Remote telemetry control & monitoring

Specifications

Physical

Dimensions	85 x 56 x 25mm
Casing	Extruded Aluminium
Weight	100 grams

Connectors

GPS	SMA Female
I/O & Power connectors	8 way locking

GPS

Satellites tracked	12 parallel channels
Position accuracy	20m (CEP)
Time accuracy	1 us
Maximum altitude tracked	18,000m
Maximum velocity tracked	138 m/s
Cold/Warm/Hot start time	60/50/20 sec.
RF Input	CF 1575.42MHz L1 band

Bluetooth

Range	Class 2 – 20m
Band class 0	Tx 824~849 / Rx 869~894 MHz
Device class	Serial Port Profile (SPP)
Power output	0.2W – 0.3W

Environmental Specifications

Operating temperature	-20°C to +55°C
Storage temperature	-30°C to +80°C
Relative humidity	10% to 90% RH

Power

Power supply	12/24V negative ground
Operating voltage	10.0 – 30.0VDC
Current consumption : nominal	40mA @ 12V
Current consumption : maximum.....	100mA @ 12V

Included

- Installation sheet
- Active GPS antenna
- Power & interface cable

**To be determined
Specifications are subject to change without notification.