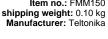


Item no.: FMM150 FMM150 - 4G Cat. M1 GNSS/GSM/Bluetooth tracker with integrated CAN adapter







Product Description

FMM150 - 4G Cat. M1 GNSS/GSM/Bluetooth tracker with integrated CAN adapter

FMM150 is an ADVANCED 4G Cat. M1 GNSS/GSM/Bluetooth tracker with integrated CAN data processor. It is a compact 2 in 1 solution: GPS tracker and CAN adapter inside! The device allows to read CAN data from a wide range of various vehicles, including light & electric vehicles, trucks and buses. With the current software version FMM150 can be used in advanced applications as logistics, delivery services, utility transport, car sharing and more.

For now, one SW option is available to fulfil your business demands: A default FMM150 software version with LV-CAN parameters, including fuel level, consumption, odometer, CAN speed, pedal position.

Supported vehicle types: light vehicles, electric vehicles, trucks and buses.

GNSS

- GNSS: GPS, GLONASS, GALILEO, BEIDOU, QZSS, AGPS
- GNSS: GPS, GLUNASS, GALI
 Receiver: Tracking: 33
 Tracking sensitivity: -165 dBM
 Accuracy: < 2.5 m CEP
 Hot start: < 1 s
 Warm start: < 25 s
 Ochicker 25 s

- Cold start: < 35 s

Cellular

- Technology: GSM
- 2G bands: BG95: B2/B3/B5/B8
 4G bands: G95: LTE-FDD (CAT M1): B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B27/B28/B66/B85; LTE-FDD (CAT NB2):
- Data support: SMS (text/data)

Power

- Input voltage range: 10 30 V DC with overvoltage protection
- Internal back-up battery: 170 mAh Li-Ion battery 3.7 V (0.63 Wh)

Bluetooth

- Specification: 4.0 + LE
- Supported peripherals: Temperature and humidity sensor, headset, OBDII dongle, Inateck barcode scanner, universal BLE sensors support

Physical Specification

• Dimensions: 65 x 56,6 x 20,6 mm (L x W x H)

• Weight: 55 g **Operating Environment**

- Operating temperature (without battery): -40°C to +85°C
 Storage temperature (without battery): -40°C to +85°C
 Operating humidity: 5% to 95% non-condensing
 Ingress protection rating: IP41
 Battery charge temperature: -0°C to +45°C
 Battery discharge temperature: -20°C to +60°C
 Battery storage temperature: -20°C to +45°C for 1 month; -20°C to +35°C for 6 months

Interface

- Digital inputs: 3
- Negative inputs: 1 (digital input 2)
 Impulse inputs: 2 (digital input 1, digital input 2)
 Digital outputs: 2

- Analog inputs: 2
 CAN interfaces: 2

- CAN interfaces: 2
 1-wire: 1 (1-wire data)
 GNSS antenna: Internal high-gain
 Cellular antenna: Internal high-gain
 USB: 2.0 Micro-USB
 LED indication: 3x status LED lights
 SIM: Micro-SIM + eSIM
 Memory: 128 MB internal Flash memory

Features

- CAN data: Fuel level (dashboard), Total fuel consumption, Vehicle speed (wheel), Vehicle driven distance, Engine speed (RPM), Accelerator pedal position
- CAN data: Fuel level (dashboard), Total fuel consumption, Vehicle speed (wheel), Vehicle driven distance, Engine speed (RPM), Accelerator pedal position
 Sensors: Accelerometer
 Scenarios: Green driving, Over speeding detection, Jamming detection, GNSS fuel counter, DOUT control via call, Excessive idling detection, Immobilizer, iButton read notification, Unplug detection, Towing detection, Crash detection, Auto geofence, Manual geofence, Trip
 Sleep modes: GPS sleep, Online deep sleep, Deep sleep, Ultra deep sleep
 Configuration and firmware update: FOTA web, FOTA, Teltonika configurator (USB, Bluetooth), FMBT mobile application (configuration)
 SMS: Configuration, events, DOUT control, debug
 GPRS commands: Configuration, DOUT control, debug
 Time synchronization: GNSS, NITZ, NTP
 Ignition detection: Dioital input 1 accelerometer, external power voltage, engine, RPM

- Ignition detection: Digital input 1, accelerometer, external power voltage, engine RPM

Specifications

Scan this QR code to view the product All details, up-to-date prices and availability

