Item no.: FMC150

FMC150 - 4G Cat. 1 GNSS/GSM/Bluetooth tracker with integrated CAN adapter

from **94,66 EUR**

Item no.: FMC150
shipping weight: 0.10 kg
Manufacturer: Teltonika

📄 Product Description

FMC150 - 4G Cat. 1 GNSS/GSM/Bluetooth tracker with integrated CAN adapter

FMC150 is an advanced 4G Cat. 1 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, the FMC150 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 FMC150 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
- Receiver: Tracking: 33
- Tracking sensitivity: -165 dBM
- Accuracy: < 2.5 m CEP
- Hot start: < 1 s
- Warm start: < 25 s
- Cold start: < 35 s

Cellular

- Technology: LTE Cat. 1, GSM
- 2G bands: FMC150-QJIB0: GSM: B2/B3/B5/B8; FMC150-QKIB0: GSM: B2/B3/B5/B8
- 4G bands: FMC150-QJIB0: LTE FDD: B1/B3/B7/B8/B20/B28; FMC150-QKIB0: LTE FDD: B2/B3/B4/B5/B7/B8/B28/B66
- Data transfer: LTE: LTE FDD : Max. 10 Mbps (DL)/max. 5 Mbps (UL); LTE TDD: Max. 85.6 Mbps (DL)/max. 85.6 Mbps (UL); GSM: GPRS: Max 85.6 Kbps (DL)/max. 85.6 Kbps (UL)
- 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
- 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
- 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: 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