

Item no.: FMC130\_2G

## FMC1308HXW01 - Advanced LTE Terminal with Flexible Inputs Configuration

from **65,51 EUR**

Item no.: FMC130\_2G  
shipping weight: 0.10 kg  
Manufacturer: Teltonika



### Product Description

#### FMC130 - Advanced LTE Terminal with Flexible Inputs Configuration

FMC130 is a small ADVANCED series device with 4G (LTE Cat. 1) network coverage including 2G (GSM) fallback compatibility. It comes equipped with internal GNSS, LTE antennas, configurable digital/analog/negative and impulse inputs, three DOUT outputs, Bluetooth connectivity, and backup battery.

FMC130 was developed on the existing Teltonika FMB platform, therefore it keeps all of the functionalities from FMB130 and builds on top of them with its industry-leading connectivity coverage.

For starters, FMC130 features negative input which allows you to save precious integration time while connecting accessories like vehicle door sensors, alarm buttons, seatbelt detection, and other similar sensors or accessories.

Additionally, the device has an integrated possibility to enable Impulse Input for precise fuel flow meter data reading. Impulse based fuel usage monitoring is much more accurate than a different type of fuel metering sensors and it makes the FMC130 a perfect solution for high fuel usage machines like cranes, construction vehicles, mining machines, agriculture equipment.

Programmable inputs, 3 different configurable DOUT scenarios (immobilizer, buzzer, alarm lights, door lock and other scenarios) together with 4G (LTE Cat 1) compatibility including the 2G (GSM) fallback compatibility make this one of Teltonika's most flexible devices ever.

Additional Options: SIM Card and CarControl Tariffs

VARIA offers you the possibility to purchase an all-in-one solution for your fleet management together with the tracker. The VARIA GPS CarControl tariffs are the ideal solution when it comes to locating mobile objects.

In addition to a route archive with driving and standing times, the Compact tariff also offers you detailed evaluations of operating times, geo-zones with automatic alarms, anti-theft protection and many other features that will help you to make your fleet management easier and more efficient.

In addition to the functions of the Compact tariff, the Perfect tariff also offers an electronic logbook, which is forgery-proof and guaranteed to meet all the requirements of the tax office.

If you choose one of these options, the VARIA technical team will install a 2G prepaid SIM card with 400 MB data volume in the tracker you purchased and carry out the initial setup of the VARIA GPS CarControl all-in-one solution for you. When you receive the tracker, it will be ready to use.

The VARIA GPS CarControl tariffs are valid for one year. If you would like to continue using the service after one year, you can conveniently extend the tariff with us for another year.

Of course, you also have the option of using a different fleet management solution of your choice. In this case, you can select only the required IoT prepaid SIM card for the tracker.

Module

- Name: Quectel EC21-AU, Quectel EC21-EC, Teltonika TM2500
- Technology: LTE (Cat. 1)/2G (GSM/GPRS)/GNSS/Bluetooth

GNSS

- GNSS: GPS, GLONASS, GALILEO, BEIDOU, QZSS, AGPS
- Receiver tracking: 33
- Tracking sensitivity:-165 dBm

Cellular

- Technology: LTE Cat. 1, UMTS, GSM
- 2G bands: EC21-EC: GSM: B3/B8
- 4G bands: EC21-EC: LTE FDD: B1/B3/B7/B8/B20/B28A
- Data transfer: LTE: LTE FDD: Max. 10 Mbps (DL)/max. 5 Mbps (UL); LTE TDD: Max. 8.96 Mbps (DL)/max. 3.1 Mbps (UL); GSM: GPRS: Max. 107 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, 3.7 V battery (0.63 Wh)

#### Bluetooth

- Specification: 4.0 + LE
- Supported peripherals: Temperature and humidity sensor, 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: 3
- Analog inputs: 2
- CAN adapter inputs: 1
- 1-Wire: 1
- GNSS antenna: Internal high-gain
- Cellular antenna: Internal high-gain
- USB: 2.0 Micro-USB
- LED indication: 2 status LED lights
- SIM: Micro-SIM + eSIM
- Memory: 128 MB internal flash memory

#### Features

- 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
- Fuel monitoring: LLS (analog), LV-CAN200, ALL-CAN300, CAN-CONTROL, OBDII dongle
- Ignition detection: Digital input 1, accelerometer, external power voltage, engine RPM (CAN adapters, OBDII dongle)

## Specifications

**Scan this QR code to  
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prices and availability

