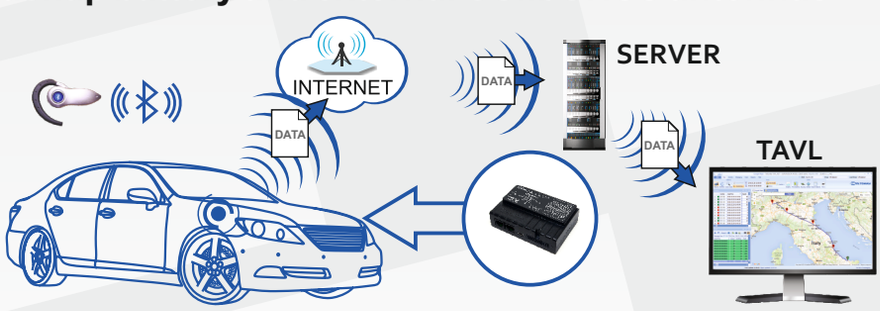
TELTONIKA

FMB630

FMB630

GSM/GNSS/Bluetooth® real-time advanced tracking terminal with high capacity backup battery and external GSM/GNSS antennas



Dual SIM

Double GSM network reliability with Dual SIM! Even if your main SIM card fails to connect, FMB630 will stay online. Moreover, Dual SIM significantly reduces roaming costs, when using first SIM card for Home, second for Roaming data networks.

Bluetooth®

Integrated Bluetooth® enables wireless headset and various other Bluetooth® devices connectivity.

Make phone calls to Your employee via Bluetooth® headset. No unauthorized calls anymore! Be sure that your employee is always safe and uses hands free headset instead of phone!

Read records and configure your tracker wirelessly via Bluetooth

No inconvenient configuration via SMS or searching for tracker in hard to reach places to connect USB cable. Single push and your device is connected to configurator via Bluetooth.

Micro SD card

Don't lose any records with micro SD card up to 32 GB!

FMB630 will store all data in micro SD card when driving in areas where GSM is not available.

Integrated tachograph solution

Integrated tachograph solution enables remote tachograph file (DDD, V1B, C1B or TGD format) download and live tachograph info acquisition without any additional adapter. Easier than ever connection – less integration time.

RS232/RS485

RS232/RS485 functionality enables connection of third party devices like: multiple LLS sensors, GARMIN personal navigation device, RFID readers or some other RS232/RS485 devices.

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DESCRIPTION

FMB630 is real-time advanced tracking terminal with GNSS, GSM and Bluetooth® connectivity with backup battery, which is able to collect device coordinates and other useful data and transfer them via GSM network or Bluetooth®. This device is perfectly suitable for applications where location acquirement of remote objects is needed: fleet management, car rental companies, taxi companies, public transport, logistics companies, personal cars and so on.

FEATURES

► Easy to mount and fasten firmly
► 2 LED indication
► Integrated Ni-MH back up battery
► Real time tracking
► External GSM antenna to ensure steady data stream while object is in low signal coverage areas
► External GNSS antenna for high quality tracking at all-time even when object is in complex areas – from closed/urban streets or canyons to dense forests
► Smart data acquisition based on:
► Time
► Distance
► Angle
► Speed difference (Value taken from GNSS or Teltonika Vehicle CAN adapters)
► Ignition or any other I/O event
► Saving information to micro SD card, preventing data loss after prolonged time under no GSM coverage
► Sending acquired data via GPRS (TCP/IP and UDP/IP protocols)
► Virtual Odometer
► K-Line interface for online Tachograph Vehicle Data transfer
► Dual CAN J1939 reading enables DDD data files to be downloaded remotely
► J1708 CAN reading interface
► RS485 and 2x RS232 interfaces for advanced Fuel Level tracking or usage of external devices such as Garmin, LLS, RFID reader, etc.
► Power saving in Sleep or Deep Sleep modes
► Authorized driving with up to 500 unique iButton® ID list
► Time synchronization by NTP (Network Time Protocol) if GNSS signal is absent
► SMS sending/receiving via GPRS
► Time-zone (UTC/GMT) selection
► Dynamic SMS events
► Teltonika Vehicle Can Adapter
► Bluetooth® transceiver fully compliant with Bluetooth® specification V3.0 for external peripherals
► Up to 32 GB micro SD memory card reader for up to 275 million records
► MVC300 online photo solution, enables to download images from camera directly to server
► Up to 6x1-Wire® Temp sensors
► Wireless configuration
► Remote Tachograph DDD file download
► K – Line interface
► Trip detection
► Auto Geofencing
► Detect car towing
► Car theft prevention
► 5x LLS support
► Four profiles

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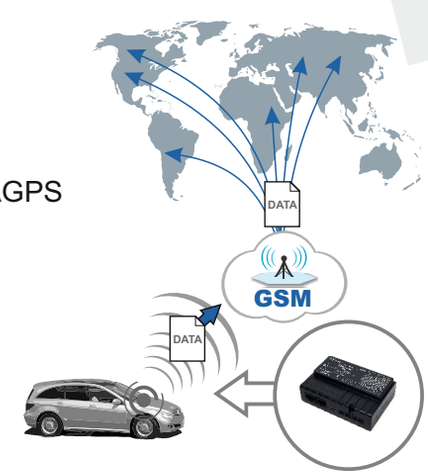
APPLICATION

SPECIFICATIONS

GSM
- Quad-band 900/1800 MHz; 850/1900 MHz
- GPRS Multi-Slot Class 12(up to 240 kbps)
- GPRS Mobile Station Class B
- SMS (text/data)

GNSS
- Tracking: 33/ 99 acquisition channels
- -165 dBM sensitivity
- Hot start <1s
- Warm Start < 25s
- Cold start < 35s
- NMEA-183 protocol
- GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS
- Accuracy < 3m

Bluetooth®
- Bluetooth® specification V3.0
- Bluetooth® transceiver fully compliant with Bluetooth® specification V3.0 for external peripherals:
  - Voice calls over Bluetooth®
  - Configuration via Bluetooth®
  - Bluetooth® devices



INTERFACE
- Bluetooth® 3.0
- Dual CAN J1939
- J1708 CAN
- K-Line interface
- RS485 and 2x RS232 support
- 4 Digital Inputs for object status monitoring
- 4 Digital Open-collector Outputs (controlling external relays, LED, buzzers, etc.)
- 3 Analog Inputs
- 1-Wire® interface
- Ni-Mh 550 mAh internal battery
- Micro SD card
- 2 status LED
- Configuration and firmware update (via FOTA and USB cable)
- External GSM antenna (SMA connector) for higher sensitivity
- External GNSS antenna (SMA connector) for higher sensitivity
- Dual Sim slot

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ACCESSORIES

► Bluetooth® headset

► USB to mini USB cable

► 1-Wire® temperature sensor (TTJ)

► RFID (RS232 and 1-Wire® interface) support

► 1-Wire® iButton® and iButton® reader

► GARMIN navigation

► CAN Interface

► Alarm button

► RS485 and 2x RS232

► MVC300

► Buzzer

► ALLCAN300 Any transport CAN adapter

► LV-CAN200 Light vehicle CAN adapter

► SIMPLE-CAN

► Door sensors

► Analog and digital fuel sensors

RoHS Compliant

QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001

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Teltonika reserves a right to modify the functionality of the device without any prior notice. Document version 1.11 (2017/05/04)