

Item no.: SC-2306-1410-3916

## FMB641 - Leading GNSS/GSM Terminal for Professional Applications

# 75,66 EUR

Item no.: SC-2306-1410-3916  
 shipping weight: 0.30 kg  
 Manufacturer: Teltonika



### Product Description

#### FMB641 - Leading GNSS/GSM Terminal for Professional Applications

Teltonika FMB641 is an updated version of the currently most popular GNSS, GSM terminal for professional applications FMB640. Compared to FMB640, FMB641 has a new processor that improves the devices computation power. Therefore it can be tailored to more specific use cases. Switchable CAN terminators will allow you to use the device in a CAN network with numerous nodes. Lastly, it can be powered via USB for an easier configuration process. All the features that are supported by FMB640 are also supported by FMB641, for the purpose of maximizing your fleet efficiency with features like FMS CAN data (J1939), fuel CAN data (J1708), tachograph live data (K-Line), remote tachograph file download, various third party RS232 or RS485 devices support and dual-SIM or eSIM compatibility. The terminal is suitable for applications like international logistics, refrigerated transport, agriculture, construction & mining, security & emergency services and even more.

#### GNSS

- GNSS: GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS
- Receiver: 33/99 acquisition channels
- Tracking sensitivity: -165 dBm
- Position accuracy: < 2.5 CEP
- Velocity accuracy: <0.1 m/s (within +/-15% error)
- Hot start: <1 s
- Warm start: <25 s
- Cold start: <35 s

#### Cellular

- Technology: GSM/GPRS
- 2G: Quad-band 850/900/1800/1900 MHz
- GPRS: GPRS Mobile Station Class B
- Data transfer: GPRS Multi-Slot Class 12 (up to 240 kbps)
- Data support: SMS (text/data)

#### Power

- Input voltage range: 8 - 32 V DC with overvoltage (pulse 5a and 5b) and reverse polarity protection
- Internal back-up battery: 550 mAh Ni-Mh, 8.4 V battery

#### Physical Specification

- Dimensions: 104.1 x 76.8 x 31.5 mm (L x W x H)
- Weight: 197 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 storage temperature: -20°C to +45°C

#### Interface

- Digital inputs: 4
- Digital outputs: 4
- Analog inputs: 4
- 1-wire: 1
- RS232: 2
- RS485: 1
- CAN J1939: 2
- J1708: 1
- K-line: 1
- GNSS antenna: External high-gain
- GSM antenna: External high gain
- USB: 2.0 Mini-USB - device can be powered by USB for easier device configuration
- LED indication: 2x status LED lights
- SIM: 2x SIM cards (Dual-SIM) or 1x eSIM
- Memory: 2 MB internal Flash memory and external Micro SD card up to 32 GB
- Switchable CAN terminators: Supported on CAN1 and CAN2 lines

## Specifications

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