

Item no.: SC-2308-0716-3001

## FMC640 - GNSS/LTE/3G/GSM-Terminal

**112,57 EUR**

Item no.: SC-2308-0716-3001  
shipping weight: 0.20 kg  
Manufacturer: Teltonika



### Product Description

#### FMC640 - GNSS/LTE/3G/GSM-Terminal

FMC640 is a PROFESSIONAL series device with 4G (LTE Cat 1) network coverage including 3G (UMTS), 2G (GSM) fallback compatibility. Device equipped with GNSS and LTE modules, external GNSS and LTE antennas. FMC640 will maximize 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. Terminal is suitable for applications like international logistics, refrigerated transport, agriculture, construction & mining, security & emergency services and even more. Device supports universal BLE sensors, beacon tags, hands-free, firmware and configuration updates. 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.

### Specifications

#### Module

Name: Quectel EG91-EX

Technology: LTE(Cat1)/3G(UMTS/HSPA)/2G(GSM/GPRS)/GNSSGNSS

GNSS: GPS, GLONASS, GALILEO, BEIDOU, QZSS

Protocol compatible: NMEA, GGA, GGL, GSA, GSV, RMC, VTG

Receiver: Tracking: 33/99 acquisition channels

Tracking sensitivity: -165 dBm

Accuracy: < 3 m

Hot start: < 1 s

Warm start: < 25 s

Cold start: < 35 sCellular

Technology: LTE Cat 1, UMTS, GSM

2G bands: EG91-EX: GSM: B3/B8

3G bands: EC91-EX: WCDMA: B1/B8

4G bands dedicated for EMEA region: EC91-EX: LTE FDD: B1/B3/B7/B8/B20/B28

Data transfer: LTE FDD: Max 10Mbps (DL)/Max 5Mbps (UL)/ WCDMA: Max 384Kbps (DL)/Max 384Kbps (UL) / GPRS: Max 107Kbps (DL)/Max 85.6Kbps (UL)

Data support: SMS (text/data)Power

Input voltage range: 10 - 30 V DC with overvoltage protection

Internal Back-up battery: 550 mAh Ni-Mh, 8,4 V batteryPhysical specification

Dimensions: 104,1 x 76,8 x 31,5 mm (L x W x H)

Weight: 197 gOperating 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: IP41Interface  
Digital Inputs: 4  
Digital Outputs: 4  
Analog Inputs: 4  
1-Wire interface: 1  
RS232: 2  
RS485: 1  
CAN J1939: 2  
J1708: 1  
K-line: 1  
GNSS antenna: External High Gain  
Cellular antenna: External LTE CAT 1 High Gain  
USB: 2.0 Mini-USB  
LED indication: 2 status LED lights  
SIM: 2x SIM Card (Dual-SIM)  
Memory: 2 MB internal flash memory and external Micro SD card up to 32 GB

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All details, up-to-date  
prices and availability

