

FM6300

Teltonika FM6300 is GNSS, 3G terminal for PROFESSIONAL applications. FM6300 is designed for complex solutions, where one device can do multiple tasks. 3G feature makes this device usable worldwide. FM6300 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 will maximize your fleet efficiency. Terminal is suitable for applications like international logistics, refrigerated transport, agriculture, construction & mining, security & emergency services and even more.

- RS232/RS485 – data from external devices – fulfill customer special needs
- 3G – 3G connectivity – works worldwide
- Tacho data and DDD files – remote access to tacho data – saves time and expenses
- FMS/LV-CAN/ALL-CAN – CAN data from various transport – expand value for customer



FLEET MANAGEMENT // FM6300





3G

It makes this device usable worldwide, as there are countries which have only 3G network. Device automatically selects available network (3G or 2G) to ensure the best connectivity in area.



Dual SIM

Double GSM network reliability with Dual SIM! Even if your main SIM card fails to connect, FMB640 will stay online. Moreover, Dual SIM significantly reduces roaming costs, when using first SIM card for Home, second for Roaming data networks.



Internal battery

Feel safe when vehicle is monitored by device with internal battery. When vehicle battery is disconnected, device still remains online and sends data to server.



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.



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.

FM6300 TECHNICAL DETAILS

<p>GSM / GPRS / 3G features</p>	<p>UMTS/HSPA+ bands: 800/850/900/1900/2100MHz GSM/GPRS/EDGE bands: 850/900/1800/1900MHz HSPA+ data up to 14.4 Mbps downlink HSPA+ data up to 5.76 Mbps uplink EDGE data downlink/uplink up to 236.8 Kbps UMTS data downlink/uplink up to 384 Kbps GPRS data downlink/uplink up to 85.6 Kbps</p>
<p>GNSS</p>	<p>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</p>
<p>Interface</p>	<p>Integrated KLINE Dual CAN J1939 J1708 CAN 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 MicroSD card 2 status LED Dimensions: L(104,1mm)xW(76,8mm)xH(31,5mm) Configuration and firmware update (via FOTA and USB cable) External GSM antenna for higher sensitivity External GNSS antenna for higher sensitivity</p>

FM6300 USE CASES



International Logistics

Modern day logistics require a lot of information for business optimization, it is not enough to get current GPS coordinate of your vehicle location. With fuel consumption, driven distance and many other parameters you are able to monitor and regulate your fleet resources, this way all expenses would be accounted. With solution for driver activities monitoring you will have full control of your driver.



Security & emergency services

Concept of public security has changed significantly in the past decade. Safety of our society depends on technology which allows us to monitor, track and respond to emergency calls faster than ever. With our solution you will always know current location and status of your transport, thus ensuring quick response time to any kind of situation.



Construction & mining

Probably most important aspect of construction machinery management is fuel consumption data. Powerful cranes and high capacity concrete mixers compared to light vehicles, use huge amounts of fuel during short periods of time – high chance of fuel theft if work time is accounted only on paper. Take full control of your fleet, workers and resources.



Public transport

Public transport requires a lot of management. It is always important to know where vehicles are, how long they drive and rest – all this to achieve best efficiency. With fuel data and other various parameters you are able to monitor and control your fleet resources, thus cutting expenses to minimum. With solution for driver or even passenger monitoring you will have full information about people who were using your transport.



Agriculture

Agricultural machinery has advanced a lot in recent years, technology like modern tractors or harvesters usually costs more than a sports car – it is essential to keep track of such valuable assets. With our solution you will have full control of current position, driver activities and receive various information from harvesting machinery.

