

FLEET-MANAGEMENT/VEHICLE TRACKING SOLUTIONS

....Keeping you in Control!



FMTD1100, FMTD1200, FMTD2200, FMTD3200, FMTD3400



GSM/GPS TRACKING DEVICES

(FM Terminals-Tiny, easy to install, difficult to locate in a car, Rich in Reports, Robust, Authentic, Long-lasting, & remain stable under all weather conditions.

- Car tracking
- Parametrized operation (acquire & send)
- Integrated scenarios
 - Green driving (ratings of acceleration, breaking, cornering)
 - Overspeeding
 - Authorized driving (50 iButton keys)
 - Immobilizer
- Online tracking
- Low energy consumption in deep sleep mode

FM1100 is light terminal with GPS and GSM connectivity, which is able to get device coordinates and other data and transfer them via GSM network. This device is perfectly suitable for applications where location acquirement of remote objects is needed. So you can track your remote objects (trucks, cars etc) quickly and easily.

In case of losing connection FM1100 can store up to 8000 records, and once the connection is established the device will send stored data via GPRS. So you won't lose your data (coordinates, sensors data and etc.).

FM1100 can perform tasks on remote objects, such as monitoring engine status, controlling truck's door etc.

Application:

- Track and trace
- Road assistance
- International logistics
- Personal car's and van tracking
- Fleet management

LEADING LOCKS LIMITED-Fleet-management Solutions-Keeping you in Control!

LEADING LOCKS LIMITED

Dealers in: High Security Locks , High Security Doors, CCTV & Access Systems, & Car Security Systems.

Ngong Road, Adams Arcade-Next to Roundabout. P. O. Box 45615-00100 GPO, Nairobi, Kenya.

Tel: +254-20-3875019 Mobile: +254-721598410(Direct)/+254-725513493(ofce)

Website: www.leadinglocks.com Find us on: Facebook

TECHNICAL DETAILS

GSM

- Quad-band 900/1800 MHz; 850/1900 MHz
- GPRS class 10 (up to 85,6 kbps);
- SMS (text/data)

GPS

- NMEA protocol compatible. Messages: GGA, GGL, GSA, GSV, RMC, VTG, TXT
- 50 channel GPS L1 frequency receiver, SBAS: WAAS, EGNOS, MSAS
- -161 dBm sensitivity

Interface

- 1 Digital Input Reserved for Ignition Status Monitoring
- 2 Digital Inputs
- 1 Analog Input (10V or 30V range)
- 2 Digital Open-collector Outputs (connecting external relays, LED, buzzers etc.)
- 1-Wire® protocol
- Power supply (+10...+30)V DC
- 2 Status LEDs
- USB Port
- Configuration and firmware upload (FOTA and via USB cable)
- External GSM antenna (SMA connector)
- External GPS antenna (MCX connector)

Features

- GPS and I/O data acquisition
- RealTime tracking
- Smart algorithm of data acquisition (time, distance, angle, ignition and event based)
- Sending acquired data via GPRS (TCP/IP and UDP/IP protocols)
- Smart algorithm of GPRS connections (GPRS traffic saving)
- Operating in roaming networks (preferred GSM providers list)
- Events on I/O detection and sending via GPRS or SMS.
- Scheduled 24 coordinates SMS sending
- 5 geofence zones (rectangular or circle)
- Deep Sleep mode (saving vehicle's accumulator)
- FOTA (firmware updating via GPRS)
- Motion sensor
- Small and easy to mount case
- Roaming dependant operation (GPRS traffic saving in roaming zones)
- Operation mode presets:
 - Advanced overspeeding detection
 - Driver behavior monitoring (acceleration/breaking/cornering notification to minimize the vehicle exploitation costs)
 - Driver identification (1-Wire® iButton ID key)

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REFRESHING & USER-FRIENDLY WEB-INTERFACE! (Easily accessible by PCs, iPads, Tablets, & modern smartphones)

Welcome leadinglocks! [Log Off] **Control Panel** **Tracking** **Geofences** **Reports** **AERG Reports**

Asset Reports Admin Reports Group Reports Fleet Management Reports

> LEADING LOCKS LTD > Nairobi > Car > KBE 067V

Properties

Registration	KBE 067V
IMEI	352848025192358
Device	FM3200
Installation	17-Jul-2013
Communicated	09-Sep-2013 10:33:34
Odometer	38,516.2 km, 23,933.8 miles
Ignition	Off
Ign last ON	09-Sep-2013 10:30:52
Ign last OFF	09-Sep-2013 10:33:18
Geofence	None
Last Geofence Enter	Leading Locks Workshop at 07-Sep-2013 12:48:28
Last Geofence Exit	Leading Locks Workshop at 09-Sep-2013 09:17:43
Last Immobilized	
Last Harsh Braking	
Last Harsh Acceleration	
Last Over Speeding	

Actions

Immobilize Mobilize
 Engine Kill Door Lock
 TB Lock TB Unlock

History play back plot at once completed successfully. Search By: IMEI

Click to view/hide asset communication

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