



ENAIKOON locate-03

Remote controlled tracking and monitoring

ENAIKOON locate-03 was designed to collect and transmit basic data of trackables, like construction equipment, cars, trailers and other mobile vehicles, at the lowest possible price.

The integrated GPS and GSM antennas ensure lowest possible installation efforts.

The device provides the following data:

- GPS position, heading direction of motion, speed
- voltage of the external battery
- timestamp
- serial number
- status of 3 digital inputs (e.g. ignition, operating hours, battery charging indicator lamp, status of auxiliary drive system, etc.

The device is equipped with a quad-band GSM modem with GPRS and SMS support, as well as a 66 channel GPS receiver with high sensitivity. With the precision of only a few metres it can locate any trackable globally.

The functionality of the device offers the user a wide range of possibilities to monitor mobile properties and provide a substantial contribution to your company's bottom line, through the device's extensive integration capabilities.



Standard Features

GPS - precise information about the current location of the trackable

GPRS - fully supported, cost-effective dedicated line to the internet

DOTA - update of software and configuration parameters over the air

The following ENAIKOON applications are designed to complement this device perfectly:

- **inViu pro**
internet telematics portal for professionals with comprehensive trackable data reporting capabilities: location, route, monitoring and alarming of fuel theft / consumption and thresholds, CAN data analysis, and reports with all black boxes, trackers, and GPS enabled smartphones together
- **inViu web**
GPS location cost-effective entry-level solution: real-time display of positions on an OpenStreetMap© map, geofence monitoring and alerting, etc.
- **inViu routes**
software for smartphones: map showing the position of trackables directly on the phone, current location of the mobile phone, route planning, reading and transmission of NFC TAG data, etc.
- **ENAIKOON limit-checker**
software designed to help you set threshold values and customised alerts for an optimised vehicle and equipment maintenance program
- **ENAIKOON M2M-commsserver**
an internet-based gateway for all communication tasks between tracking devices and any back-end application

Data transmission

Data transmission is configured to take place every 60 seconds while ignition is on. On top of that GPS information is transmitted each time the vehicle drives around a corner with more than 30°.

A LED with 3 colours is used for indicating the status of the GSM network connection:

- red = no GSM signal
- green = GSM signal is okay
- orange = device is transmitting data to the ENAIKOON servers

Connectors

- Power supply, input / output:
Molex 43045-2412

Approvals

- E testing: not available
- CE: available

Features

- quad band GSM module
 - GPRS support
 - SMS support
- 66 channel parallel GPS receiver, low power
- rechargeable battery, 1050 mA/h
- standard SIM card reader, suitable for 1.8V / 3V SIM cards
- 3 digital inputs
- 1 digital output, e.g. for remote control, immobilization
- memory for approximately 10,000 positions and status messages
- weight: 102 g (incl. cable)
- size: 85 x 54 x 23 mm (3.35 x 2.13 x 0.9 in)
- operating temperature: -20 °C to +85 °C (-4 °F to +185 °F)
- battery recharging only possible above 0 °C (32 °F)
- power supply 8V to 32V DC
- integrated GSM / GPS antenna
- power cable with open ends
- vibration sensor by G-force sensor for low-power operation

Products and prices

Product	Part No.	Product description	Price		
			> 5 pcs.	> 25 pcs.	>50 pcs.
ENAIKOON locate-03 complete package	LOC-15-03	GPS/GSM/GPRS tracking device consisting of <ul style="list-style-type: none"> ● telematics device with integrated antennas ● connection cable (power supply and I/O) ● backup battery 1050 mA/h 	€ 79.00	€ 74.00	€ 69.00
ENAIKOON device setup	M2M-15-01	Device setup <ul style="list-style-type: none"> ● activation and unlocking of the SIM card ● insertion of the SIM card into the device ● software configuration and installation on device ● registration with the ENAIKOON M2M-commserver ● registration with inViu pro / web ● full functional test of the device ● full functional test with inViu pro / web (must be ordered along with the device)	€ 49.00	€ 39.00	€ 29.00