



## ENAIKOON locate-06

**Tracking, remote control, monitoring:  
distance under control - always and everywhere**

ENAIKOON locate-06 is a vehicle tracking unit based on the GPS satellite system and incorporating GSM / GPRS mobile data communication, reporting positions of vehicles and / or other moving objects in real time.

ENAIKOON locate-06 was developed to send various business critical data like number of items, metering data, driver-id, or status confirmation of vehicles or equipment using add-on devices. The device provides the user with improved control and a high level of security vital to companies which are planning to optimise their costs of operations.

Advantages for your business can easily be achieved: user specific configuration allows utilising ENAIKOON locate-06 units fully integrated into the existing work-flow. This provides the user with more flexibility or even allows eliminating redundancies in the work routines.

ENAIKOON locate-06 can often eliminate, or at least significantly reduce, the high cost of capital investments and maintenance. ENAIKOON locate-06 is the result of a successful combination of a high-performance processor with extensive memory capacity, a GSM module and a GPS satellite receiver for global positioning.



## Standard Features

**GPS** - precise information about the current location of the trackable

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

Data, firmware, and configuration parameters can be individually modified by the user for each device, either through the built-in serial interface and a configuration utility or via the internet (wireless network)

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 touch**  
software suite for smartphones: current location of the mobile phone, map showing the position of trackables directly on the phone, route planning, reading and transmission of NFC TAG data, etc.
- **ENAIKOON DGPS-enabler**  
the server component for all users who are dependant on an increased accuracy of GPS coordinates
- **ENAIKOON M2M-commserver**  
an internet-based gateway for all communication tasks between tracking devices and any back-end application

## Powerful configuration tool

The ENAiKOON locate-06 remote control unit can be adapted unusually fast and easy to specific requirements. All that is needed is a normal PC that runs the ENAiKOON locate-06 configuration tool and a serial cable.

Complicated, time consuming, user specific application programming, and testing is unnecessary - just a few clicks in the configuration tool are required and the device will do exactly what you expect it to do, depending on the events that occur.

ENAiKOON locate-06 supports phone calls which can be used to trigger multiple actions of the device (e.g. immobilisation of a vehicle with a simple phone call).

The configuration of the device can be changed over the air at any time world wide using the ENAiKOON M2M-commserver configuration tool without physical access to the device.

ENAiKOON configuration tool interface showing various settings for motion detection, power supply, and actions to perform.

ENAiKOON configuration tool interface showing power supply settings and motion detection options.

ENAiKOON configuration tool interface showing digital input settings and actions to perform.

## Connectors

- power Molex 43045-2412
- I/O Molex 43045-0412
- GSM antenna SMA connector
- GPS antenna SMA connector

## Accessories (optional)

- VGA color camera
- ENAiKOON driver-id reader and iButton key fob
- solar panel (charging circuit is included in ENAiKOON locate-06)



ENAiKOON camera



ENAiKOON display-56



Garmin® nüvi



ENAiKOON driver-id

## ENAiKOON driver-id

for data analysis based on individual driver performance



## Feature list

- telit quad band GSM module
  - GPRS Support (class 10)
  - SMS Support
- 64 channel parallel GPS receiver
- standard SIM card reader, 3 Volts
- 4 digital inputs
- 4 digital outputs (500 mA)
- vibration sensor by G-force sensor for low power operation
- acceleration sensor (optional)
- 3x RS232 out interface (full level RS232)
- 5x RS232 in interface (full level RS232)
- connection for a camera
- 1 wire connector for driver-id reader, temperature sensor etc.
- 3 LEDs for GSM / GPS / POWER status
- rugged black aluminum housing: 100 x 67 x 20 mm (3.94 x 2.64 x 0.79 in)
- weight: 145 g (5.12 oz.)
- operating temperature: -30 °C to +60 °C (-4 °F to +140 °F)
- battery recharging only possible above 0 °C (32 °F); data transmission possible only with an operational battery
- power supply (6 V to 31 V DC) with software monitor
- rechargeable battery: 1,100 mA/h
- extensive power-saving functions with multiple configuration parameters
- software updates over either AI (air interface) or serial interface
- E4 approval according to 95/54/EG
- 3G connectivity

## Products and prices

Product	Part no.	Product description	Price
ENAIKOON locate-06/can	LOC-11-06	Basic module GPS/GPRS <ul style="list-style-type: none"> <li>● configurable</li> <li>● 1 Wire connector</li> <li>● camera connector</li> <li>● solar panel support</li> <li>● CAN-bus connector</li> <li>● connector fuel-tracker</li> <li>● GSM/GPS antenna</li> <li>● 3G sensor</li> <li>● 3G connectivity</li> <li>● cable for power/ignition</li> </ul>	€ 299.00
ENAIKOON device setup	M2M-03-01	Device setup <ul style="list-style-type: none"> <li>● activation and unlocking of the SIM card</li> <li>● insertion of the SIM card into the device</li> <li>● software configuration and installation on device</li> <li>● production of harness according to customer needs</li> <li>● device configuration</li> <li>● registration with the ENAIKOON M2M-commserver</li> <li>● registration with inViu pro / web</li> <li>● full functional test of the device</li> <li>● full functional test with inViu pro / web (must be ordered along with the device)</li> </ul>	€ 99.00

## Accessories and spare parts

Product	Part no.	Product description	Price
ENAIKOON antenna-16	ANT-09-16	Combined GSM/GPS roof antenna with 3 m connection cable	€ 89.90
ENAIKOON accessory-21	ZUB-02-21	Serial cable 2 m PC → ENAIKOON locate-06 for the transmission of data, programs and firmware between a PC and ENAIKOON locate-06	€ 18.90
ENAIKOON accessory-26	ZUB-02-26	Plug-in power supply unit 12 V for the operation of ENAIKOON locate-06 with 220 V AC	€ 39.90
ENAIKOON accessory-30	ZUB-02-30	Radio-Remote-Control for activating and deactivating the system	€ 105.00
ENAIKOON camera-06	ZUB-07-32	Camera with connector for ENAIKOON locate-06 Sensor: Omnivision, Resolution: up to 640 x 480 pixel, Format: JPEG, Color depth: 16 bit, Lens: f 4.0mm / F 2.2	€ 79.90
ENAIKOON solar-06	ZUB-07-33	Solar panel with ENAIKOON locate-06 support (special version of ENAIKOON locate-06 required; same price), Material: Thin film solar cells, Nom. voltage: 16.8 V, Power: 2.1 W, Size: 144 x 293 mm (5.67 x 11.53 in) Weight: 600 g	€ 59.90
ENAIKOON accessory-34	ZUB-07-34	Solar battery with ENAIKOON locate-06 support Nom. voltage: 12 V, Capacity: 2,000 mA/h, Size: 150 x 20 x 90 mm (5.9 x 0.79 x 3.54 in), Weight: 680 g	€ 79.90
ENAIKOON fuel-tracker cable	ZUB-10-02	Measuring cable between ENAIKOON locate-06 and tank measuring transmitter of the vehicle	€ 79.00
ENAIKOON display-56	DIS-11-01	ENAIKOON display-56 for mounting in vehicles and for access to remote control unit ENAIKOON locate-06, incl. speakers, incl. ENAIKOON driver-id reader, incl. 2 ENAIKOON iButton	€ 149.00
Garmin® nüvi® 465 Tpro	GAR-10-01	Navigator with truck specific routing using as display for connection to remote control unit ENAIKOON locate-06	€ 299.00
ENAIKOON temp-sensor-03		ENAIKOON temperature sensor compatible with ENAIKOON locate-06  A special cabling of the black box must be ordered that allows to attach one or multiple temperature sensors	
	ZUB-05-03 ZUB-10-05	with 5 m connector cable with 12 m connetor cable	€ 79.00 € 89.00