ENAiKOON

ENAiKOON locate-17

Autonomous and waterproof GPS / GPRS tracking device

ENAiKOON locate-17 was designed to collect and send basic data of trackables without their own power source.

The rechargeable batteries work up to 1 year, maintenance-free, depending on the amount of positions sent.

The device provides the following data:

- serial number
- timestamp
- GPS position
- GPS direction
- GPS speed
- events detected by the vibration G-force sensor
- voltage of the internal battery
- 1 digital input
  (e.g. for door contact, acceleration sensor etc.)

The device is equipped with a quad-band GSM modem (with GPRS and SMS support) and a highly sensitive 65 channel GPS receiver, allowing it to globally locate any trackable with a precision of only a few metres.

The device's maintenance-free operation, unbeatable price, and independence from an external power source, offers the user a wide range of mobile asset monitoring possibilities and potential for cost reduction.

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
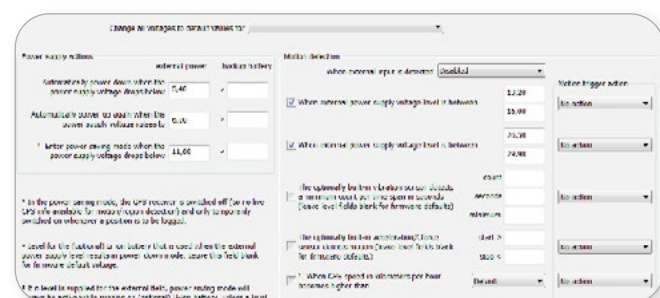
Powerful configuration tool

The ENAiKOON locate-17 remote monitoring device can be adjusted quickly and easily to specific speculations of each application. The minimum requirements: a PC, a serial cable, and the free-of-charge ENAiKOON locate-17 configuration tool.

With the use of this tool, complicated and time consuming programming of the devices can be avoided.

Instead, with a few clicks of the mouse in the configuration tool, the device will be ready to perform its assigned tasks.

The configuration of the device can be changed wirelessly at any time, regardless of where the device is located.

Features

- Telit quad-band GSM module
  - GPRS support (class 10)
  - text message (SMS) support
- SkyTraq 65 channel parallel GPS receiver, low power
- power supply with rechargeable batteries
- standard SIM card reader, 1.8 V and 3 V
- 1 digital input / output 3 V DC
- vibration sensor by G-force sensor
- non volatile flash memory for up to 4,000 positions and status reports
- non volatile flash memory for up to 4,000 geofences
- 2 status LEDs: GSM, GPRS, configurable
- rugged waterproof housing, IP67
- 140 x 81 x 66 mm (5.51 x 3.19 x 2.60 in) or bigger depending on the size of the batteries
- weight without batteries: 686 g (60 oz)
- operating temperature: -30 °C to +60 °C (-22 °F to +140 °F)
- battery recharging only possible above 0 °C (32°F); data transmission possible only with an operational battery
- power supply (5 V), with USB port
- high-performance low-power modes with a variety of configuration options: < 8 µW in standby mode
- software update possible via the USB port of the device or wirelessly (GPRS)
- internal GSM / GPS window antenna
- optional: cables with open ends to connect external sensors etc.

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Products and prices

Product	Part no.	Product description	Price
ENAiKOON locate-17	LOC-09-17	Basic device GPS / GPRS ● integrated antennas ● waterproof housing (IP67) ● vibration sensor by G-force sensor ● batteries not included ● configurable	€ 279.00
ENAiKOON device setup	M2M-03-01	Device setup ● activation and unlocking of the SIM card ● insertion of the SIM card into the device ● software configuration and installation on device ● production of harness according to customer needs ● device configuration ● 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)	€ 99.00

Accessories

Product	Part no.	Product description	Price
ENAiKOON rechargeable battery 12 Ah	ZUB-09-28	Internal rechargeable battery: 12 Ah Charging circuit inside the telematics unit (must be ordered along with the device)	€ 34.90
ENAiKOON charging cable	ZUB-10-43	Micro USB Power supply for vehicles with 12 V / 24 V	€ 24.95
ENAiKOON charging cable	ZUB-12-03	Micro USB charging cable 220 V AC	€ 9.95