ENAiKOON locate-15

Waterproof GPS / GPRS tracking device with internal antennas and extremely long-lasting batteries

Durable and rugged, the ENAiKOON locate-15 was designed to collect positions and related data, such as speed and heading of trackables like trailers, containers, trucks and other mobile objects, over several years without an external power supply.

Having the ability to collect and send such data, ENAiKOON locate-15 is the perfect tool to prevent machine theft.

The lifespan of the batteries depends on the ambient temperature and the amount of positions and data that are collected and sent. However, with its long-lasting performance, the ENAiKOON locate-15 can operate up to 10 years.

The rugged housing is waterproof (IP67), has a size of 150 x 41 x 82 mm (5.90 x 1.61 x 3.22 in), and weights 480 g (16.93 oz).

The following data is sent to the ENAiKOON M2M-commserver:

- GPS position
- voltage of the batteries
- timestamp
- serial number

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

The device's extremely long lifespan, maintenance-free operation, unbeatable price, and independence from battery recharge offers the user a wide range of trackable 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

Features

- Quectel M95
  - GPRS support (class 12)
  - text message (SMS) support
- 65 channel parallel Venus GPS receiver, low power
- rugged durable housing, IP66K (waterproof)
- non volatile flash memory for up to 4,000 positions and status reports
- non volatile flash memory for up to 4,000 geofences
- size: 150 x 41 x 82 mm (5.90 x 1.61 x 3.22 in)
- weight: 480 g (16.93 oz)
- operating temperature: -20 °C to +60 °C (-4 °F to +140 °F)
- standard SIM card reader, suitable for 1.8 V and 3 V SIM cards
- high-performance low-power modes with a variety of configuration options; < 8 µW in standby mode
- software update possible via the serial port of the device or wirelessly (GPRS)
- internal GSM / GPS window antenna
- vibration sensor by G-force sensor
- mounting to the machine using four big screws, or by using 4 big or small magnetic holders (optional accessory)
- batteries are not included

Products and prices

Product	Part no.	Product description	Price
ENAiKOON locate-15	LOC-11-15	Compact GPS / GPRS telematics unit ● integrated antennas ● waterproof housing (IP66K) ● vibration sensor by G-force sensor ● size 150 x 41 x 82 mm (5.90 x 1.61 x 3.22 in) ● configurable A battery pack must be orderd along with the device.	from € 149.00
ENAiKOON locate-15 plus	LOC-11-25	ENAiKOON locate-15 with potted electronics for use in harsh environments A battery pack must be orderd along with the device.	€ 239.00
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 ● 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

Spares and accessories

Product	Part no.	Product description	Price
ENAiKOON magnetic holder, big	ZUB-11-07	Magnetic holder set, large, ø 43 mm, rubber feet 4 units pack, incl. screws Capacity of each magnet: 8,5 kg	€ 59.00
ENAiKOON magnetic holder, small	ZUB-11-08	Magnetic holder set, small, ø 22 mm, rubber feet 4 units pack, incl. screws Capacity of each magnet: 5 kg	€ 39.00
ENAiKOON battery		Powerful batteries for use with ENAiKOON locate-15. Battery life depends on the frequency of position status updates and the ambient temperature. The type B batteries are designed for applications that require a lengthy endurance in conjunction with several position status updates per day. The type T batteries are designed for applications that require an extremely long endurance in a wide temperature range with a few less position status updates per day.	
	BAT-11-B1	Battery pack type B - 1 unit	€ 49.90
	BAT-11-B2	Battery pack type B - 2 units	€ 59.90
	BAT-11-T1	Battery pack type T - 1 unit	€ 69.90
	BAT-11-T2	Battery pack type T - 2 units	€ 99.90

For more information about the life-time of the batteries see the datasheet ENAiKOON battery

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