

mazore

distance under control

Trading Ltd

Lommy-55

Self-contained device for tracking people and objects

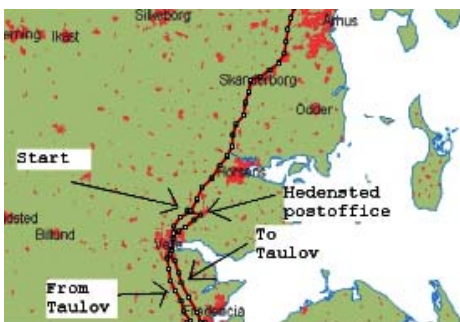
The lommy-55 is an ultra-light, self-contained device which is very suitable for the exact tracking of people and objection with the help of GPS.

Typical applications for this device:

- Truck drivers who should be provided with a mobile phone with a limited list of callable numbers and who should at the same time be tracked
- Employees, machines and material on large, complex sites (e.g., big construction sites)
- Service fleet employees
- Mentally disabled or mentally deficient people, pedestrians
- Police, border patrol and security units and similar institutions
- Valuable packages/parcels in logistics



Special electronics are integrated into the device, which increase the GPS reception sensitivity by a factor of 10 compared to devices available on the market today. The electronics have also been designed such that human and animal skin and flesh doe not impair the device's GPS reception. This significantly improves the traceability of people and objects in buildings.



The device exchanges information with hits environment via GSM/GPRS. Since GPRS is an "always on" connection, data transfer is quick, low-cost and secure. A powerful rechargeable battery supplies the device with power for days.

The built-in microphone and loudspeaker mean that incoming and outgoing telephone calls can be made as with any normal mobile phone.

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Technical Data

GSM modem	<ul style="list-style-type: none"> ▪ Siemens MC55 (900/1800/1900 MHz) ▪ GPRS: Multi-Slot Class 10 ▪ Built-in tri band antenna
GPS receiver	16-channel receiver with very high sensitivity (-158dBm): Highly efficient geo helix antenna. First fix after cold start: after 34 seconds
Calls	Built-in loudspeaker and microphone for telephone calls: - outgoing calls to user-configured telephone numbers - incoming calls taken by pressing button
Highly visible function button	Can be used as emergency call button or for outgoing calls to preconfigured telephone numbers depending on software installed
On / Off switch	Device is switched on and off with red function button
Rechargeable battery	2000 mAh Li-Ion (2800 mAh optional); in GPRS mode the device can be operated with this rechargeable battery for up to 72 hours without interruption. The respective operating time depends on the application and the parameters set. Changing time: maximum 5 hours
Connections	USB for device configuration and for charging battery
LEDs	3 (red/orange/blue)
Temperature range	-20 to +55°C
Environment	Water-resistant in compliance with IP54
Dimensions	H90 x W61 x D23 mm
Weight incl. battery	99 g
Accessories (optional)	<ul style="list-style-type: none"> ▪ Leather case with belt ▪ 100% waterproof case (IP68) ▪ 12/24V car charger ▪ Charger for 220 V ▪ Connection cable for cigarette lighter (optional) ▪ USB cable for uploading new software. New software can alternatively be uploaded via the air interface.
Options	<ul style="list-style-type: none"> ▪ Movement sensor ▪ RFID reader ▪ Tracking transmitter ▪ Moisture sensor
Approval seal	CE, RoHS

Products and Prices

Product	Art.-No.	Product description	Net price excl. VAT
Lommy-55	LOC-07-55	Handheld device for tracking people	649,--
Fleet-control-web	EFC-03-04	Monthly fleet-control-web fee for determining position of device with help of a map and address database; A SIM card with GPRS function is also required. Minimum contract term: 48 months.	39,--

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