



piTrack-Smart



Features

- GSM/GPRS/GPS-module
- Battery powered
- Integrated lithium battery charger
- Battery monitoring
- 3 axes accelerometer
- 2 status LEDs
- 2 switch-key pins
- Signal summer
- Integrated GPS/GSM antenna
- IP65 housing

Overview

The piTrack-Smart is a battery-operated device that determines the position via GPS and transmits the position data via GSM/GPRS/SMS. The integrated low-power microcontroller allows an extremely long autarkic operating use on battery power.

Through an integrated acceleration sensor relocations of the controlled unit will be detected, evaluated and logged.

Applications:

- Real-time GPS-tracking and Geo-fencing
- Position detection and location monitoring
- SMS-alarm function
- Shock detection
- Container and equipment monitoring

Details

piTrack-Smart

GPS	42-channel
GSM	Quad-Band 850/900/1800/1900MHz
Acceleration sensor	3 axes; $\pm 2g/\pm 4g/\pm 8g$; 10-bit
Power Supply	Lithiumbattery 4,2V; capacity variable integrated loader
Board Size	55,6 x 89,6mm
Enclosure	ABS 98 x 64 x 38mm