

# TRACKING IS HIDDEN TECHNOLOGY

## The MAG5

### Designed for Rapid Deployment

The MAG5 is an evolution of the Magnatik series and well known for its performance under harsh conditions. The high sensitive internal GPS system and cutting edge power management makes this system truly one of a kind.



Track from a variety of devices

#### Robust enclosure, IP67 level. (108x70x26mm)

The MAG5's enclosure is made from machined acetal and is very robust, water-resistant and tested to IP-67 level. The connectors for the MAG5 are IP-67 rated.

#### Internal GPS and GSM-antennas:

The finely tuned GPS and GSM antenna are securely concealed within the robust enclosure.

#### Internal magnets:

The powerful neodymium magnets make the MAG5 unit very easy to deploy.

#### Inputs & Outputs

The MAG5 has one input and one output. The output can be connected to various devices and triggers and can be controlled and activated remotely via the CP2 software.

#### Internal rechargeable battery:

The MAG5 has a rechargeable battery which powers the unit for at least 32 hours, and up to 16 days in standby mode.

#### Advanced power management:

There are 6 different power modes available to reduce the unit's power consumption and take control of the operating time.

#### Automatic alarms:

The MAG5 is able to send out alarms on:

- Motion, active/passive.
- Geofence, in/out.
- Battery-capacity under 10%.
- The MAG5 is being switched off.
- Notification of wake-up from sleep modes.

#### Optional Extras:

- External rechargeable batteries for long term deployments.
- Tamper alarm.
- Hardwire cable 8-30v.



**HIDDEN TECHNOLOGY**  
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# TECHNICAL

## Specifications:

<b>Enclosure:</b>	Acetal, Water-resistant, IP-67 level, Dim.108x70x26mm.
<b>Internal magnets:</b>	Neodymium, 12 pieces.
<b>Connectors:</b>	1x 5 Pole / 1x 3 Pole
<b>Internal battery:</b>	Lithium Ion, 3600mAh, rechargeable.
<b>GSM-system:</b>	4-band for worldwide support.
<b>Communication:</b>	GPRS / UDP / SMS / CSD-DATA.
<b>Reports of:</b>	Quality of Long/Lat position and GSM signal strength.
<b>Data-logging :</b>	Long/Lat + GSM-Cell-ID (when GSM active).
<b>Memory:</b>	32,512 positions.
<b>GPS-module:</b>	High-sensitive, energy saving.
<b>Energy-control:</b>	6 Configurable power modes.
<b>Geofencing:</b>	16 Programmable geofences.
<b>Movement-sensor:</b>	G-force sensor, non mechanical.
<b>Input / Output :</b>	Input configurable, NO - NC. Output is open drain max 30V.

## Power management system

### Power mode 1

GPS/GSM/GPRS, Always on	39 Hrs
GPRS, Off	45 Hrs

### Power mode 2 (Normal operating mode)

GSM, Always on, GPS, Switched on movement	45 Hrs - 378 Hrs
GPRS, Also always on or switched with motion	39 Hrs - 158 Hrs

### Power mode 3

GPS/GSM, Switched on movement	45 Hrs - 324 Days
GPRS, also switched on	39 Hrs - 324 Days

### Power mode 4

Special GSM mode (GSM only active for 3 12 mintue intervals to conserve power)	17 Days
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### Data-log mode (GSM on timer / GPS on motion)

2 Hours per day	58 Days
Idle (Unit wakes at pre-programmed times to download automatically)	500 Days

### Deep sleep mode

Ultra low power mode GPS/GSM Off / with wake up timer setting	1½ Year
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One external battery will multiply the operating time by 3.7.  
Two external batteries will multiply the operating time by 6.4.

\* Power usage at medium GSM coverage.

## Items included:

- Battery charger for internal battery.
- Data-diagnosis cable.
- Tweezers.
- Allen key.
- USB-stick with documentation.



## Software\*:

Configuration, monitoring, live tracking, alarm forwarding to cellphones, email and computers + more time saving automatic functionality via our user friendly software system CP-Server / CP2-Pro and CP-Mobiletrack



\* Software not included

### Hidden Technology Worldwide Offices

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