



iWATC@HER[®] made by SPETROTEC
LOCK

Vehicle Tracking & Security Device for Cargo

The Product Description:

The **i-Watcher**[®] **Lock** is the ultimate solution for monitoring and controlling your assets: Containers, Gates, Motorbikes and remote locations like Cellular sites, heavy equipment etc.

The solution is a versatile and cost-effective GSM/GPS device with advanced technology that use unique non rechargeable batteries and high quality Mul-T-Lock that was designed especially for the i-watcher Lock. Lock that protect and communicates On-Line.

You can have control of the cargo being transported, it can be monitored and its safe arrival at the final destination. The cargo can be tracked by the owner with Mabat on line using the computer or the smart phone.

The **i-Watcher**[®] **Lock** includes two batteries. The batteries allow it to be in operation for up to 3 years.

Benefits:

- 24x7 real-time alerts: View individual assets or entire fleets and Receive real-time SMS notifications.
- No need to charge the batteries. For transmit ones a day – the battery life is up to 3 years.
- Made for harsh outdoor conditions.
- The i-Watcher Lock locks the doors of the container or truck and the cargo owner can see the location or any unauthorized deviations of the cargo.
- The i-Watcher Lock has an internal light sensor; this sensor will help you to know if the housing was opened.



Technical Specifications

GSM

- GSM Quad-Band: 850 / 900 / 1800 / 1900 MHz
- GPRS class 10
- GSM quad band antenna - 50 Ohm
- Integrated micro SIM Card holder
- 3G - optional

GNSS

- Internal GPS Module based on 56-channel (U-Blox) Max 8 Engine
- GPS/QZSS L1 C/A, GLONASS L10 F,
- SBAS L1 C/A: WAAS, EGNOS, MSAS
- Accuracy GPS / GLONASS position of 2.0 m CEP
- Tracking: -167 dBm
- GPS-GLONASS Internal antenna

Electrical characteristics

- Deep sleep mode < 40 Micro A
- 2 AA size batteries – Nominal Voltage: 3.6V
- Capacity: 2200mAh

Communication Modes

- SMS/GPRS

Operation

- Cellular application or SMS based communication

Characteristics



Open/Close



Fleet Management
and
Control Application



Low battery level

Miscellaneous

- Built in 3D G sensor

Alerts

- Open/close status
- Battery low level
- Position + Last Time Stamp

Hook size

- 45 mm or 95 mm

Operating temperature

- (-40°C to +85°C)

Dimensions

- Length: 102 mm
- Width: 78 mm
- Height: 52 mm
- Without Hook and key

Weight

- 823 gr (without batteries)
- 873 gr (with batteries)

Enclosure

- Nonflammable PC-ABS
- IP-65 version



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