

Electronic reusable security lock with GSM and GPS

eLOCK GOLD
Electronic reusable
security lock with
GSM and GPS
functionalities

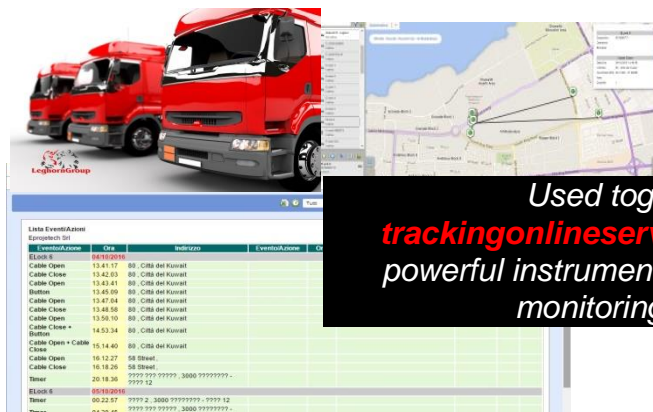
- REAL TIME ALERTING AND RECORDING OF ANY ACCESS TO THE GOODS TRANSPORTED OR STORED: OPENING, CLOSING OR TAMPERING (ID DEVICE, TYPE OF EVENT, DATE AND TIME).
- IT HAS A LONG OPERATION TIME THANKS TO ITS LONG-LASTING BATTERY, RECHARGEABLE VIA USB.
- GPS TRACKING FOR LOCATION, CONTROL, GEOFENCING.



eLOCK GOLD Advanced electronic reusable security lock, to control position and status of trucks and containers, either from fixed station or from mobile devices (smart phone and tablet).

Equipped with GPS and GSM/GPRS modules, it enables getting real time logistic information of identification together with the one of traceability.

eLOCK GOLD sends an SMS alert any time the lock register an event of opening/closure, tampering attempt (e.g. the cable is being cut), battery is low. Alert message includes ID, event type, GPS coordinates for the place the event took place at, and time stamp.



Used together with the **trackingonlineservice.com** platform it is a powerful instrument for vehicles and goods monitoring and tracking.

How eLOCK GOLD works?

Thanks to its advanced technical features, **eLOCK GOLD** allows you to enable features of:

- MONITORING, thanks to its ability to communicate in real-time with IT systems for logistics and transport, it informs about the complete data on fleets and individual vehicles.
- ANALYSIS of the data for the entire fleet relating to individual drivers, with the possibility of intervention and planning of activities.
- CONTROL, through real-time access to data on vehicles and drivers, and to the position marked on the map by using GPS tracking.

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SPECIFICATIONS

- Dimension mm 106 X 156 X 38
- Material High-resistant polycarbonate; Waterproof case
- Power supply 5 VDC
- Working voltage 3,3 VDC
- Average current 80 mA
- Current in standby mode 15 uA
- Internal battery 4,2 VDC 6600 mAh - Lithium battery, rechargeable via USB
- Working hour
 - Two data per day: 4 years
 - Ten data per day: 1 years
 - Continuous every 10 minutes : 10 days
 - Stand by > 10 years
- CPU Microcontroller System on Chip Cypress ARM Cortex-M3
- GSM GSM/GPRS module Quectel M95
- Frequency band Quad-band: GSM850, EGSM900, DCS1800, PCS1900 MHz
- Antenna Internal antenna
- GPS Compact GNSS Module, Quectel L86 GPS + GLONASS
- Positioning accuracy 2,5 m
- GPS sensitivity 167dBm@Tracking, -149dBm@Acquisition
- Positioning time Cold Start <35s; Warm Start <30s; mHot Start <1s
- Satellite receiving channel 99 acquisition channels, 33 tracking channels
- Antenna embedded patch antenna
- LED indicator for GSM / GPS status
- Operating temperature -15°C to 60°C
- Storage temperature -20°C to 60°C
- Operating humidity 60±25%R.H
- Cable material insulated plastics, anti wringing, anti cutter
- Cable length 75 cm
- Closure pin spring blocking system
- Security Possibility to block the system by using seals
- Log memory Last 700 data recorded
- Data program /Data download/Firmware upgrade via USB

