LOKIES

The Revolutionary, Keyless Smart Padlock

Introducing Lokies, the smartest and most unique padlock in the world today! An innovative IoT based padlock which can be opened remotely. It doesn't require a key and can easily be mobilized without the need to look after and distribute keys. Its advanced Bluetooth connectivity allows you to identify and manage multiple users with different access authorizations. The Access Control feature turns Lokies into a one-of-a-kind intelligent management tool that keeps a full log of when it was opened, for how long, and by whom. Lokies brings never used before security capabilities for remote areas with no supply of high voltage. It comes with a revolutionary shackle which detects any breach. That's not all... for the first time ever, it can be equipped with a flexible shackle, giving the option to use one padlock in a setting which previously demanded multiple padlocks.

Lokies is the successor of the award-winning WatchLock series. It is suited for a variety of different markets, as it can protect inventory, commercial goods, supplies, venues, or cargo anywhere, giving you peace of mind and maximum control. Based on the same ground-breaking technology that awarded WatchLock with the "Physical Security Product of the Year" award in IFSEC 2012, Lokies proves to be a truly reliable product!

Gets to know you
Able to assign a unique ID to each of its users and lock out unauthorized access.

You are the key
Can be remotely unlocked by authorized users without the need for a key.

Flexible yet secure
The first ever Smart Padlock to feature a flexible shackle. The shackle detects breach and reports it instantly. Can be fitted in any length.

Senses its surroundings
Equipped with Bluetooth Low Energy connectivity. Can connect to nearby devices and sensors.

Online Support
Compatible with Starcom Online web application available in over 30 languages, as well as Olympia Tracking mobile app.

Stronger
Features extended battery life compared to WatchLock Cube and WatchLock Pro. An option to connect an external battery could triple the power.

ITM — INTERNET TECHNOLOGY MONITORING

www.itmpoland.pl

Technical Specifications:

Positioning

Systems: GPS, GLONASS

Receiver and Antenna: Internal

Protocol: NMEA (Binary format)

Time to First Fix (TTFF):

Hot Start: 2 sec

Warm Start: 10 sec

Cold Start: 50 sec

Positioning Accuracy: 10m CEP (50%) Velocity: 0.2m/s (50%)

Navigation Update Rate: 1 second (Default)

Navigation method: All-in-View solution

Antenna: Built in

Physical Specifications

Dimensions: 80 x 80 x 32 mm (190 mm with Shackle)

Weight: 600 gr

Bluetooth

Type: BLE

Version: 4.1

Tx power: + 4 dBm

Rx sensitivity: - 88 dBm

Accelerometer

Type: 3 Axis, 0.1g resolution

Purpose: Identify and report events of impact

Power consumption

Sleep/Idle: 0.05 mAh

Positioning only: 75 mAh

Cellular only: 100 mAh

Cellular and Positioning: 165 mAh

Flexible Shackle (Optional)

Length: Starting at 50cm and up to any length

Cellular Communication

HSDPA/HSUPA: 800, 850, 900, 1800, 1900, 2100

Optional Modems: LTE

Data channels: SMS & TCP/IP

Antenna Type: Built in (concealed)

Protocol: Propriety – encrypted

Network

Data: GSM, GPRS and SMS

Messages

SMS: Encrypted Protocol

GPRS: TCP/IP over PPP

Battery

Lithium-ion: 3.7V, 3000 mAh

CPU Capacity

Static RAM: 128 kb

Non-volatile Memory: 34 kb

Flash Memory: 2048 kb

Access Port

Type: TTL (USB cable is available)

Temperature

Operational: -20°C to +60°C

Storage: -40°C to +85°C

External Battery (Optional)

Lithium-ion: 3.7V, 6000 mAh