

VisioTamp

The **VisioTamp** is an application ready Sigfox enabled transceiver. A smart sensor perfectly suited for **tamper detection applications**.

The **VisioTamp** provides connection to national and global network infrastructure for reliable and secure communications. This **standalone rugged small form factor** sensor device delivers real time tamper detection data for many use cases and can be configured accordingly.

The configuration of the transceiver can be done via the product or network allowing for **real-time functionality** flexibility.

Powered through a Li-SOCL battery, it allows standard autonomy **up to 10 years**. Longer support options are available.



Highlights

- Tamper detection data through Sigfox compliant radio networks perfect for Security, Vandalism and Monitoring applications
- GPS and non-GPS hardware options
- Rugged IP67 enclosure
- Fully Internal battery powered
- Long range connectivity
- Low Cost Low power design with up to 10 year autonomy
- Small, Compact and easy to install and conceal

Performances

SF RF power: 14dBm (25mW)

SF RF sensitivity: up to -127dBm

GPS Sensitivity Tracking: -158 dBm

GPS Sensitivity Navigation: -157 dBm

Firmware

SIGFOX network protocol

Transmission cycles: 2, 50, 100 or

140 frames per day

Data encryption: AES128 Option

Application Example for Manhole Covers:

Manhole Tilted or Tampered detection

Manhole Open state detection

References

VisioTamp Hardware Manual

Software & Data management

Device data transmitted via the Sigfox cloud infrastructure to the back-end server platform for processing and reporting is provided as a standard. A custom platform with built-in device support can be provided or easily integrate the device into your own platform.

General Information

Operating temperature: -20°C / +65°C

Mounting Options: Screws, rivets, tie-wraps and 2-sided tape

Dimensions: 110 x 58 x 30 mm

Weight: 100gr

Housing: IP67

Antennas: All Integrated (Internal)

GPS LNA: On-board

External Sensors: Supported

Standards: ICASA, EN 300-220, EN 301-489, EN 60950; CE

Support: The device is available for RCZ1 (Europe and Middle East)

Warnings

Battery end of life

Over Temperature

Tamper Detect

Peripherals

Bluetooth (BLE)

Accelerometer

Visiosoft (Pty) Ltd

Roodebloem Office Park, Unit 2, 20 Bella Rosa Street,

Rosenpark, Bellville, 7530

Tel: +27 21 492 3262

Email: info@visiosoft.co.za

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