VisioTamp

PIR & Magnetic Switch

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 and flexibility. Powered through a Li-SOCL2 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
- Low power Passive infrared Sensor support
- Movement detection
- Magnetic Switch Support (open / close states)
- 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*

WARNINGS

- Battery end of life
- Over Temperature
- Tamper Detection

FIRMWARE

SIGFOX network protocol

Transmission cycles:
2, 50, 100 or 140 frames per day

Data encryption: *AES128 (Optional)*

PERIPHERALS

- Digital and Analog IO
- Bluetooth (BLE)
- GPS
- Accelerometer

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.

TYPICAL APPLICATIONS

- Security applications
- Early warning and alarm

GENERAL INFORMATION

Dimensions: *110 x 58 x 30 mm*

Weight: *100 grams*

Housing: *Ip67*

Antenna: *All Integrated (Internal)*

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

REFERENCES

VisioTamp Hardware Manual

SUPPORT

The device is available for RC1 (Europe, Middle East & South Africa) All other zones will be supported soon.

sigfox ready

CE

ICASA APPROVED

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