

## Technical Features



### Perimeter Control Sensor Wireless IoT

Protect your goods even without the need for mains power and WiFi

- ✓ Protects fences and surfaces subject to oscillations without the need for mains power or WiFi
- ✓ No jammer
- ✓ Receive alarm notifications on your smartphone
- ✓ No wiring
- ✓ Solution designed for autonomous detection of vibrations caused by climbing, cutting and other obstacles

#### Main features of the device:

- X SAFE uses the capabilities of a tri-axial accelerometer to discriminate and/or detect any type of vibration or movement
- Nine configurations available with a function selector for: grids, grills, wolf holes ...
- Ealloora App for device registration, user management, configuration and alarm management
- Switch on and off the device locally via the Ealloora App
- Certified to operate in the Sigfox network and protected against electromagnetic interference

#### Communications

- Sigfox network protocol
- Status message: 1 daily with battery and device status indication
- Alarm message: 1 alarm indication
- Battery alarm message: 1 low battery alarm indication
- AES128 encryption

#### Environmental Conditions

- Operating temperature: -20°C/+60°C
- Transport and storage temperature: +10°C/+30°C
- Relative humidity (non-condensing): < 95%
- Degree of protection: IP 66

#### Supply

- Nominal voltage: 3,6 Vcc (lithium battery)
- Duration: approx. 2 years (depending on use)

#### Mechanic

- Weight: 210 g + 100 g for mounting plate
- Dimensions: 38x76x130 mm
- Mounting: Wall, manholes, fences, nets

#### Antenna

- Radio module: 868MHz
- Power: 25mW (+14dBm)
- Connector: SMA + Internal helix