Ealloora

WATCHSPOT
IoT Solution

Smart alarm Indoor & Outdoor Wireless IoT

Protect your beloved assets without the need for electricity and WiFi

- ✓ Maximum safety: double infrared and microwave technology
- ✓ Not subject to frequency inhibitor (no jammer)
- ✓ Ealloora App required (IoS y Android)
- ✓ Wireless
- ✓ WATCHSPOT is the perfect solution to protect your most treasured assets: ships, warehouses, vacation homes, etc.

Main features of the device:

- WATCHSPOT allows to generate alarms in the face of a movement detected by the infrared and/or microwave sensor and to transmit it on the Sigfox network
- Ealloora App for device registration, user management, configuration and alarm management
- Switching the device on and off locally via the Ealloora App
- Certified for operation on the Sigfox network and protected from electromagnetic interference

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

Power Supply
- Nominal voltage: 3.6 Vdc (lithium battery)
- Duration: about 2 years (depending on use)

Antenna
- Radio module: 868 MHz
- Power: 25 mW (+ 14dBm)
- Connector: SMA + Helical antenna

Environmental conditions
- Operating temperature: -20°C /+60°C
- Transport temperature e storage: +10°C /+30°C
- Relative humidity (non-condensing): <95%
- Degree of protection: IP 65v

Mechanics
- Weight: 200 g
- Dimensions: 60x134x34 mm
- Mounting: Wall