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CERT. N. 29202/13/S



CERT. N. EMS-5184/S

SIGFOX NO SIM HOME ALARM

NIBBIO SMART ALARM

SIGFOX based NIBBIO Smart Home Alarm allows connections with up to 3 alarm sensors (door, windows, motion sensors, etc...) and to send alarm through the SIGFOX network to a mobile phone app. The device is battery operated, has 2 years autonomy and can be sealed near to doors, windows, skylights, etc...through an adhesive Velcro® label, easily removable if needed. The SIGFOX network is a mobile phone network for IoT and allows to operate transfer of data without modem and SIM card.



The NIBBIO Smart Home Alarm device allows the management of alarms and a daily radio check of up to 3 contacts, 2 instantaneous and 1 delayed, with programmable time interval, each 30 minutes.

A web server and a mobile phone app allows alarms management and communications with the device. It is possible to select, on a daily basis, 8 different delay values to manage the alarms (no delay, 10 sec, 20 sec, 30 sec, 1 min, 2 min, 5 min, 10 min)

The NIBBIO Smart Home Alarm device will be SIGFOX certified (before June 30th 2016), it's compliant with electromagnetic EU directives, it doesn't interfere with other home appliances and has a CE mark.

The SMART ALARM device comes with a bundle offer (device + web server access + 24/36 months of connectivity).

INTEGRA will support technicians and installers with remote test during installation to check for minimum network coverage.

TECNICAL CHARACTERISTICS

Digital inputs

Number of digital inputs
Input Voltage

3 (1 delayed) for motion sensors, doors, windows, etc...
0 / +5Vcc

Number of command inputs
Input Voltage

1 to operate alarm by contact or bluetooth remote control
0 / +5Vcc



Power supply

Nominal Voltage
Battery autonomy

3,6 Vcc (litium battery –not rechargeable)
2 years

Antenna

Connector
Radiation
Gain

Internal helicoidal antenna
Omnidirectional
25 mW (+14dBm)

Operating conditions

Operating Temperature
Storage Temperature
Rel. Humidity (no condensation)
Ingress Protection rating

- 20 / +60 °C
- 40 / +85 °C
< 95%
IP 43

Mechanical Characteristics

Weight
Dimensions
Mounting

0,15 Kg battery included
120x110x30 mm
Wall mounting with 4 screws

Example of alarm notification on smartphone display

