



BENEFITS

COBS AIR II Motion Sensor with Intelligent Door Alarm (IDA).

Through continuous and discreet monitoring COBS AIR II provides mobility without being intrusive to the resident. COBS offer the AIR II, as an advanced wireless motion sensor which monitors presence and movement within a room. It can be used to monitor out bed movements as well as for movements in a predefined zone. Available features include:

Inactivity Alarm:

- AIR II sends an inactivity alarm when it has not detected any movement for a configurable period of time.

Configurable Sensitivity:

- Sensor sensitivity can be adjusted to fix the movement pattern for each individual.

Out of bed Alarm:

- AIR II is especially useful for residents who are at risk of falling out of bed or those who need help getting out of bed.

Intelligent Door Monitoring:

- Intelligent Door Alarm is an innovative feature in the AIR II by the integration of a door sensor; it is useful for monitoring if the resident is at home or gone out. As the system knows if a resident is at home, or not it does not send unnecessary alarms to care givers caused by residents peeking out of the door. It is also possible to allow the resident to leave the room for a short errand, e.g. fetching the newspaper, without triggering an alarm.

Two-way communication

- Activities are relayed via the COBS A4U2 system and integration platform to for example a mobile device of a caregiver or to a telemonitoring centre for further dispatch of care for the resident.
- The resident gets a LED indication that the alarm has reached the receiver providing the resident with comfort that it will dealt with.

FEATURES

Reassurance 24 hours a day

- Calling for help in case of unusual period of inactivity.
- Increases safety and optimizes costs by improving the service efficiency.

Person-centered Care

- Early motion detection when the resident is trying to get out of bed.
- It promotes personalized services to improve quality of life.

Easy Installation and Operation

- Floor or wall mounting options.
- Intelligent Door Alarm (IDA), all functions in one single device.
- Accessible on/off switch, which can be disabled.

Battery Management

- Battery powered
- Regular and automatic battery level measurement.
- Battery warning alarm
- Easy battery replacement.

SPECIFICATIONS

APPROVALS

- EMC:
 - EN 301 489-1
 - EN 301 489-6
- Radio: EN 301 406
- Safety: EN 60950-1

BATTERY & BATTERY LIFE-TIME

- 2 pcs AA (LR06), GP Super Alkaline AA
- 5 years (standby)
- 3 years (including 1 detection per hour)
- Current consumption (nominal)
 - Detection mode 35 µA
 - Transmit 10.5 mA (without LEDs)

RADIO

AIR II uses European social care dedicated radio frequency which minimizes the risk of radio interference. Other frequencies are available to match national regulation in non-European markets.

- Radio Frequency
 - 869.2125 MHz (transmit)
 - 869.2375 MHz (acknowledgment)
- Channel spacing: 25 kHz
- Modulation: GFSK
- Deviation: ±2.5 kHz
- Power e.r.p.: max 10 mW
- Duty cycle: < 0.1%
- Bandwidth: 25 kHz
- Transmission range: Approx. 200m, free air
- Data rate NRTP: 2,400 bits/s
- Data rate AALRP: 4,800 bits/s
- Coding NRTP: Manchester
- Coding AALRP: Whitening

ENVIRONMENTAL CONDITIONS

- Operating temperature: 5° - 55° C

SIZE AND WEIGHT

- Size (HxWxD) 128 x 57 x 35 mm
- 82g

IP RATING

- According to EN60529: IP20 classified

CONFORMITY

- EN 62368-1:2014
- EN 301489-1 v2.1.1
- EN 301489-3 v2.1.1
- EN 300220-1 v3.1.1
- EN 300220-2 v3.1.1
- EN 300220-3-1 v2.1.1

Part No.	Description
9009762	AIR-II Motion Sensor