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PIR II

Motion sensor with Intelligent Door Alarm (IDA)

One of the fundamental premises of the service providers of Assisted living and Independent living is to have tools that allow them to create spaces free of restraints favouring that people can leave their rooms and move freely without jeopardizing their safety. With the aim of responding to these needs through continuous and discreet monitoring, Neat has developed PIR II, an advanced wireless motion sensor.

PIR II monitors the presence of people and their movements. It can be used for monitoring out-of-bed movements as well as movements in a pre-defined zone.

Covering various situations

- **Inactivity:** PIR II sends an inactivity alarm when it has not detected any motion during a programmable period of time.
- **Sensitivity:** The sensitivity of the sensor can be adjusted to fit the movement patterns of each individual.
- **Out of bed:** PIR II is especially useful for users at risk of falling when they get out of bed or those users who need assistance to get out of bed.
- **Door monitoring:** IDA (Intelligent Door Alarm) is a new, innovative feature in the PIR II by the integration of a door sensor; it is useful for monitoring if the user has stayed at home or gone out. If the system knows that the user is still at home, it does not send any alarm. This avoids unnecessary alarms and work for service providers caused by users peeking out of the door. It is also possible to allow the user to leave the room for a short errand, e.g. fetching the newspaper, without triggering an alarm.

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.

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.

Person-centred care

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

Battery management

- Regular and automatic battery level measurement.
- Easy battery replacement.

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Easy installation and configuration

The battery powered PIR II is easy to use and can be mounted on the wall or on a door, and it may be placed on the floor. A door magnet is included in the kit to accommodate the Intelligent Door Alarm (IDA) function.

The on/off switch is easily accessible and can be configured to allow care personnel to leave the room before motion detection starts.

The pre-configured PIR II units can be re-configured either by computer via radio or from switches on the unit. Battery level measurements are done regularly with an alarm being sent in the case of low battery.

Two-way communication

An alarm due to movement or lack of movement, can be received by any of NEAT's receivers, including NOVOs, NEOs and TREX/D-TREX units, and relayed onwards, for example, to a telecare monitoring centre for someone to take care of the user.

Thanks to NEAT's bidirectional radio, the user can recognise that the alarm has reached the receiver providing the user with tranquillity; red led indicating alarm transmission changes into green indicating that the alarm has been received and will be dealt with.



NEAT 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.

Neat, the best choice

The peace of mind of knowing that users are not at risk is fundamental in any socio-health service; if the right technological provider is chosen, freedom of movement does not have to be sacrificed.

The application of technology to socio-health transformation is our main commitment with clients and society in general, that is why choosing Neat is the best decision.

More than 30 years of experience and 30% of our budget dedicated to R+D+I have resulted in more than 1.000.000 users assisted with our technology in 40 countries.

Our commitment to quality, security and the environment is demonstrated by our certifications: ISO 9001 (quality), ISO 27001 (security) and ISO 14001 (environment).

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