



The Cassius Radar Sensor

INSTANT
FALLS
DETECTION

1 About the Cassius Radar Sensor

- The Cassius Radar Sensor can recognise instantly when you have had a fall in your home.
- It provides automatic notifications which means you do not have to call for help or trigger an alarm should you have a fall.
- The Radar does not require cameras, wearables or pull-cords so that you can maintain your privacy and dignity at all times.





2 Who is it for?

- The Radar is suitable for people who spend most of their time at home and in a single room.
- It can help people who may find mobility difficult and who are at risk of having a fall.
- It can also help show if you have deteriorating health or mobility.

3 How does it work?

- The Cassius Radar Sensor can detect your presence in a room - using radar technology - and it can identify if you go from a standing or sitting position to the floor.
- It provides constant monitoring and tracks your activity in real time.
- If a fall is suspected, it waits 60 seconds before raising the alert and beeps during that time to reassure you that a help alert has been sent.
- After the 60 seconds, an instant text message to your chosen responder will be sent, informing them that you have had a fall.
- The Radar works in the dark so can keep you safe during the day and night.
- It will not trigger an alarm if there are multiple people in the room as it will assume the other person can help you if needed.
- The Radar can be combined with the Cassius Sensors to provide a wider picture across your movements and to identify should any changes occur.

4 Things to know

Wheelchair users

The Radar Sensor can be used by wheelchair users. There is a slightly higher chance of false alarms due to the increased sensitivity used to provide best fall detection as falls would likely be from a lower height.

Pets

Pets may cause false alarms or even prevent the device, in some situations, from sending an alert as it may look to the radar like a second person has arrived to attend to the resident.

Set-up time

The Radar Sensor requires (up-to) a two-week learning phase before being able to send alerts to people's contacts. They can be sent sooner however the risk of false alerts is increased. Interim solutions may be required if layering isn't being considered during this stage.

Power supply

The Cassius Radar is connected to the power through a wall socket and therefore doesn't require battery or charging.

The device is secured to the wall by Alcove during installation.