




FALL MONITORING

A part of the RafiCare digital assistance system

TECHNICAL DATA

DIAMETER

139 mm

HEIGHT

18 mm

PLACEMENT

Ceiling or wall

HOW IT WORKS

mmWave MIMO RF Sensor (60GHz)

COMMUNICATION INTERFACE

WLAN (RSSI > -70db) 2.4GHz 802.11 b/g/n

POWER SUPPLY

24V DC - 1A with two-wire cable

- ▶ **Detects falls, activity & agitation, presence and inactivity**
- ▶ **Contactless application provides maximum freedom**
- ▶ **Data is analysed locally in the device by algorithm**
- ▶ **In case of a fall, real-time forwarding takes place to the interface provided for this purpose (existing call system)**
- ▶ **No use of cameras (data protection!) Covers a room of up to 20m²**

FALLS ARE DANGEROUS - DETECT THEM EARLY WITH R.FALL AND EVEN AVOID THEM

Falls are dangerous! That is why it is good to recognise them at an early stage or even to avoid them. Most falls happen at night on the way to the toilet - but that is exactly when the buttons are often on the bedside table, so that in most cases no help can be called. A contactless and automated emergency call system that detects the fall or the critical situation itself can help to trigger an alarm in these cases as well.

In addition, the sensor detects whether the resident is present as well as the entry and exit of a defined zone. This is particularly relevant for people who are

at risk of falling or who are confused, in order to avoid critical situations before they arise.

Unlike conventional emergency call systems, which are either worn on the body or permanently installed in certain places (e.g. next to the toilet), R.Fall works automatically and covers a room of up to 20m².

Due to the contactless application and the cameraless sensor, R.Fall guarantees the freedom and privacy of the residents. This ensures data protection

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