
G-GUARD)))



Help without the touch of a button

Contactless and radar-free fall detection

Critical situation recognition

Integrated speakerphone

made 
in germany

Freedom from a necklace or bracelet - the limits of the home emergency call

Conventional home emergency call systems only make sense if they are used correctly, but that can't always be ensured. The person involved may have dementia or be confused or even unconscious. Besides this, most falls happen at night on the way to the bathroom when the emergency button is most often on the bedside table, so help is out of reach.

In contrast, an active emergency call system, one that recognises a fall or critical situation itself, can trigger an alarm even in these cases. **G-Guard** will immediately send an SMS to a previously arranged helper, such as a relative or caregiver of your choice, and then telephone them without delay. The injured person can then be spoken with directly and given reassurance that help is coming.

One year after the Mars landing, it's time for the home to become fully smart - smart for the elderly, leaving on-the-body devices on the bedside table for good.



Radar radiation and cameras in the home - the right to privacy



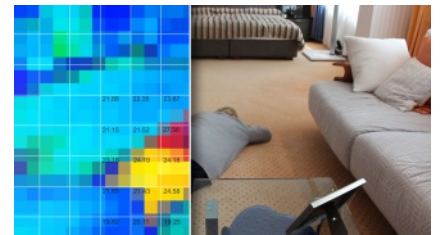
The protection of privacy, the inviolability of the home and post and telecommunications privacy are legally binding and, of course, apply to everyone. Sensor systems connected to the Internet - especially camera-based - are naturally considered unacceptable by many. After all, the systems also have to do their job in the bedroom and bathroom.

Radar-based systems emit electromagnetic radiation in the GHz range 24/7 - without interruption.

Easy to operate and 100% passive

G-Guard does not use any cameras. It works by detecting the heat radiated by the human body via a highly sensitive infrared sensor system - all completely contactless and 100% passive.

G-Guard works autonomously day and night without constantly sending data to the Internet. Its technology allows it to make all decisions offline and personal data never leaves the device. An operating concept that isn't a given these days.



A variety of sensors and actuators for detecting and avoiding hazards



In addition to instant fall detection, **G-Guard** recognizes many other hazards.

For example, weekday-dependent activity time schedules can be set. If no human activity is detected at these times, an alarm will be activated. Even room environment changes that could be harmful to health (e.g. temperature and humidity) can be initially signalled on site and reported later. A small orientation light ensures safety in the dark.

Free alerting options without annoying contractual commitments & connections to other systems

All alarm methods and channels such as email addresses or telephone numbers for SMS messages or voice calls, e.g. to relatives, neighbours or nursing services, can be set freely and as you choose.

The device not only operates on a stand-alone basis, it can also be connected to many other independent systems (nurse-call according to VDE 0834, Email, SMS, voice call, MQTT and LwM2M/CoAP amongst others).

The Berlin manufacturer PIKK-Systems GmbH

PIKK-Systems GmbH develops and manufactures highly innovative sensors in Germany. Our engineers have many years of expertise in the field of fall sensors and infrared measurement technology and have won numerous international prizes and awards.

For more information, take a look at <http://www.safe-at-home.eu>.