

The **Kadex®** Bedsensor is a battery-powered pressure sensor which communicates wirelessly and can be used for:

- In bed
- Sitting up/ out of bed
- Restless behaviour detection
- Bedsore alarm
- Sleep pattern analysis

The Bedsensor is designed as a static device and should be mounted.

Detection is achieved by measuring the applied pressure over several points where the bed's adjustability does not impede correct detection. False alarms are eliminated and the user's privacy is thereby respected.

The Bedsensor can be linked directly to an existing nurse call system by using the Kadex Alertbox.

Optionally, the Bed Sensor can be ordered including BLE, allowing accurate location of the bed on room level.

Software updates and upgrades can be installed remotely (FOTA) from the Kadex Pro Server. The Kadex Pro Server automatically checks the product for correct operation such as; operation, battery voltage and signal strength.



VARIATIONS

Bed Sensor	219954500
Bed Sensor + BLE	219954400*

General Information

Housing	Plastic cover ; ABS Plates; Trespa
Colour	White
Weight	1200 gram
Protection class	IP 20
Operation Frequency	868MHz 2.4 Ghz*
Power supply	3 x 3.6V Battery, SAFT LS14500
Typical battery life	>2 years
Supported gateways	Kadex Master Locator
Antennas	Integrated
Interface	4 x Pressure sensor Program/ reset button
Feedback	Buzzer & Blue LED
Measurements	702 x 160 x 24 mm
Temperature range	
Operation	-10 °C up to 40 °C
Storage	-20 °C up to 70 °C
Relative air humidity	90% at 25 °C

CE conformity according to directive 2014/53/EU (RED)

Radio	EN 300 220-2 V3.2.1 EN 300 328 V2.2.2*
EMC	EN 301 489-3:V2.1.1 EN 301 489-17:V3.2.4*
Safety	EN 62368-1:2014 + A11:2017
Health	EN 62479:2010
Environment	RoHS (III) Directive 2015/863/EU

* Valid for item

Scope of delivery:
- Bedsensor
- Batteries