

CareMat C

The pressure-sensitive mat for supervision of people with dementia and disorientation

Product Description

CareMat is used in retirement and nursing homes as well as in hospitals and similar facilities. It is placed beside the patient's bed and connected to the in-house nurse call system. As soon as the person leaves the bed and steps onto the CareMat, a signal is triggered via the nurse call system. This allows the personnel on duty to establish at any time of the day or night, when and where a patient got out of bed. As a result, CareMat contributes to providing assistance immediately, thus significantly reducing the risk of falls or the danger of patient wandering.



Selection chart

	CareMat	C	0	1	T	E868
▪ Dimension code						
A						
B						
C						
M						
▪ Colour code						
0						
1						
▪ Case code						
1						
▪ Type code						
E						
C						
T						
▪ Transmitter type code						
E868						
L869						
T868.8						

Features

- Dimensions 1100 x 700 mm
- Hard-wired and wireless versions
- A robust and reliable alarm sensor
- Hygienic: Easy to clean and resistant to bodily fluids

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CE The EU Declarations of Conformity are available at the following address:
<https://www.bircher.com/en/downloads/>

Model list

Product	Colour	Part number	Description	
CareMat	C01E	Careyellow	310762	1100 x 700 mm, semi-circular / empty housing
	C11E	Caregrey	357824	
CareMat	C01C	Careyellow	310761	1100 x 700 mm, semi-circular / cable
	C11C	Caregrey	357823	
CareMat	C01T E868	Careyellow	310764	1100 x 700 mm, semi-circular / ELDAT radio transmitter 868.30 MHz
	C11T E868	Caregrey	357826	
CareMat	C01T L869	Careyellow	338806	1100 x 700 mm, semi-circular / Lehmann radio transmitter 869.2125 MHz
	C11T L869	Caregrey	357829	
CareMat	C01T T868.8	Careyellow	429253	1100 x 700 mm, semi-circular / TeleAlarm® radio transmitter 868.8 MHz
	C11T T868.8	Caregrey	429254	

Technical Specifications

Characteristics

CareMat General

Dimensions	Surface: 1100 x 700 x 9.5 mm / height standard case 1: 14.5 mm
Weight	6.5 kg
Material	Polyurethane PU
Colour	Careyellow / Caregrey
Surface	Nub structure with sloped edges
Person activation weight	Min. 10 kg
Chemical resistance	Water, bodily fluids, commercially available disinfectants, max. 70 % vol. alcohol
Protection class	IP54, dust- and splash-proof
Temperature range	0 to +55 °C

CareMat versions with cable

CareMat C01E / C11E

Connection	This CareMat can be equipped by cable or various transmitters.
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CareMat C01C / C11C

Cable	Length 3 m, diameter 5.2 ± 0.2 mm, cable colour white
Cable type	4-wire, LiYYv 4 x 0.34 mm ² , wire colours BN/YE/GN/WH, open cable head
Cable as spare part	According to above specifications available, part number 307131
Signal output	Normally open contact (NO)
Admissible capacity	Max. 50 mA at 48 V AC/DC

CareMat wireless versions

CareMat C01T E868 / C11T E868

Radio transmitter	ELDAT, 1 channel, unidirectional
Radio frequency	868.30 MHz, EasyWave® protocol
Radio range	up to 30 m in buildings, dependent on structural building conditions (up to 250 m in free field)
Battery type	1 x CR2032, 3 V Lithium button cell
Runtime; battery	2 years

CareMat C01T L869 / C11T L869

Radio transmitter	Lehmann electronic VarioRec®, 1 channel, unidirectional
Radio frequency	869.2125 MHz, VarioRec® protocol
Radio range	up to 30 m in buildings, dependent on structural building conditions (up to 100 m in free field)
Battery type	1 x CR2032, 3 V Lithium button cell
Runtime; battery	3 years

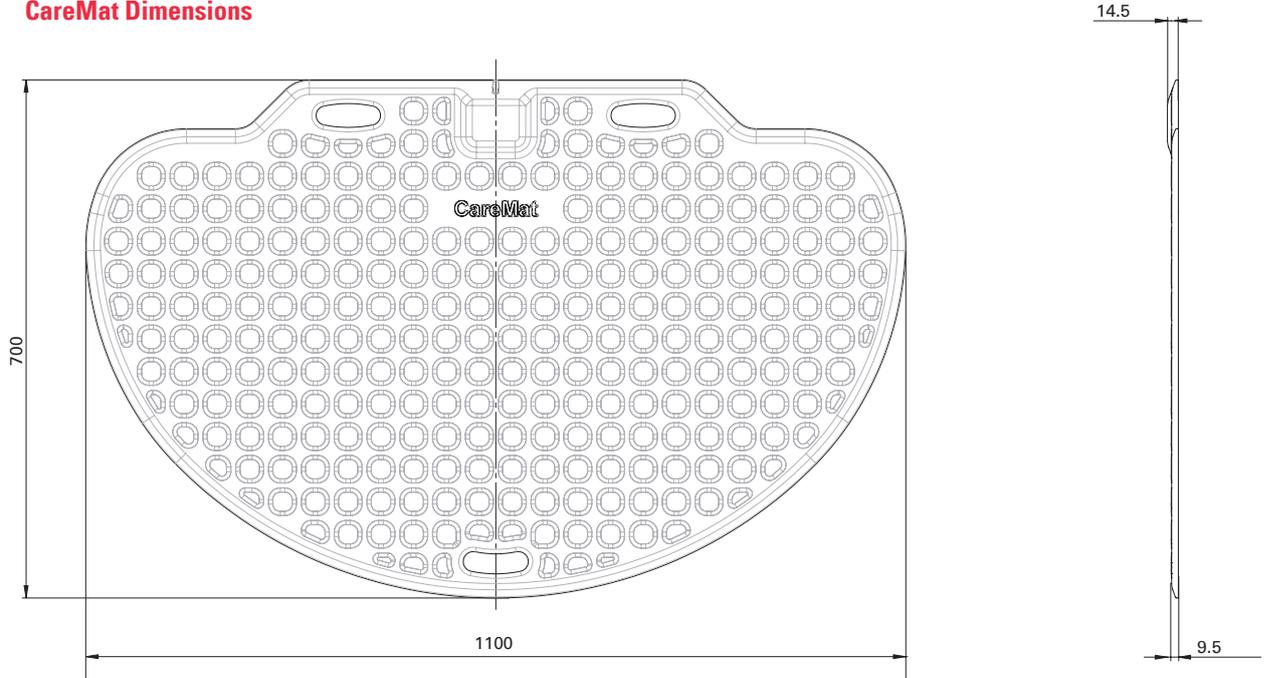
Characteristics

Battery monitoring Battery low message

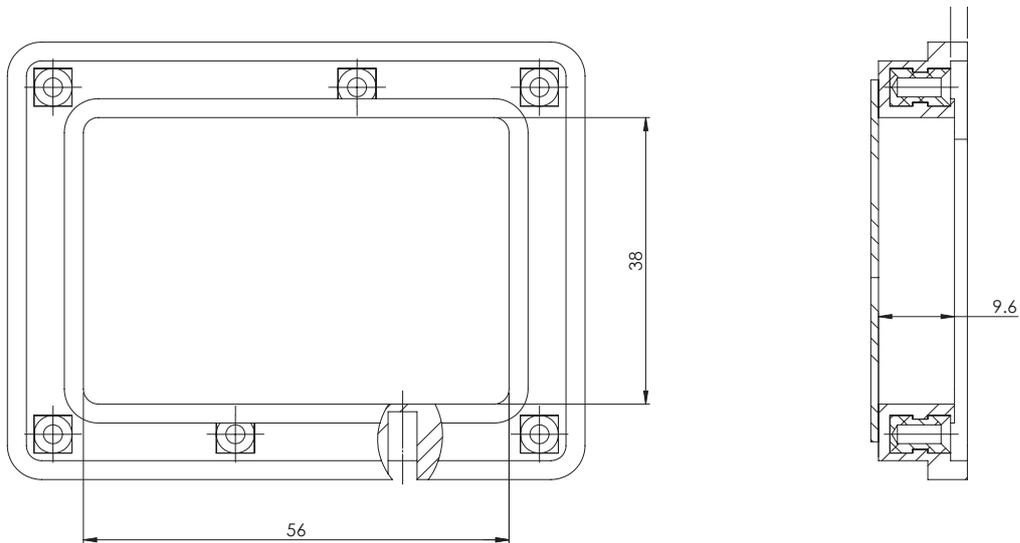
CareMat C01T T868.8 / C11T T868.8

Radio transmitter	TeleAlarm® UPCBA80; Signalling protocol TeleAlarm® NurseCall 8
Radio frequency	868.8 MHz bidirectional
Radio range	up to 30 m in buildings, dependent on structural building conditions (up to 100 m in free field)
Battery type	1x CR2430, 3 V Lithium
Runtime; battery	depending on use up to 2.5 years
Battery monitoring	Battery low message

CareMat Dimensions

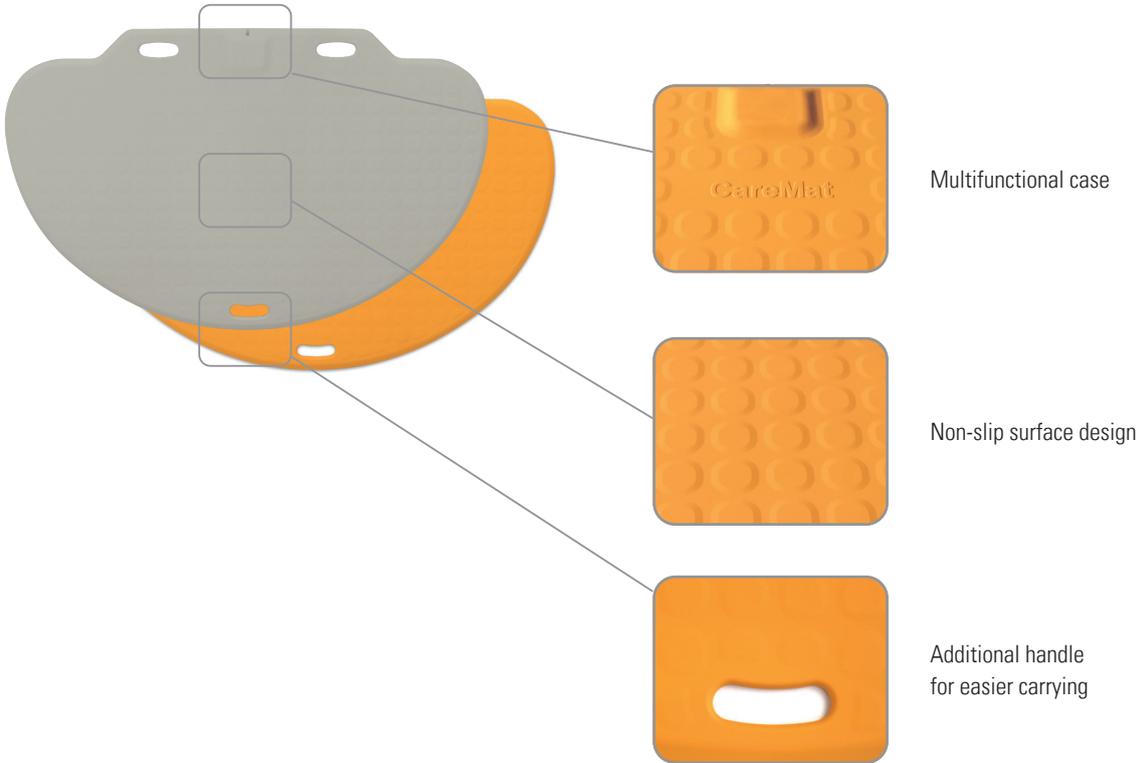


Case Dimensions (Standard)

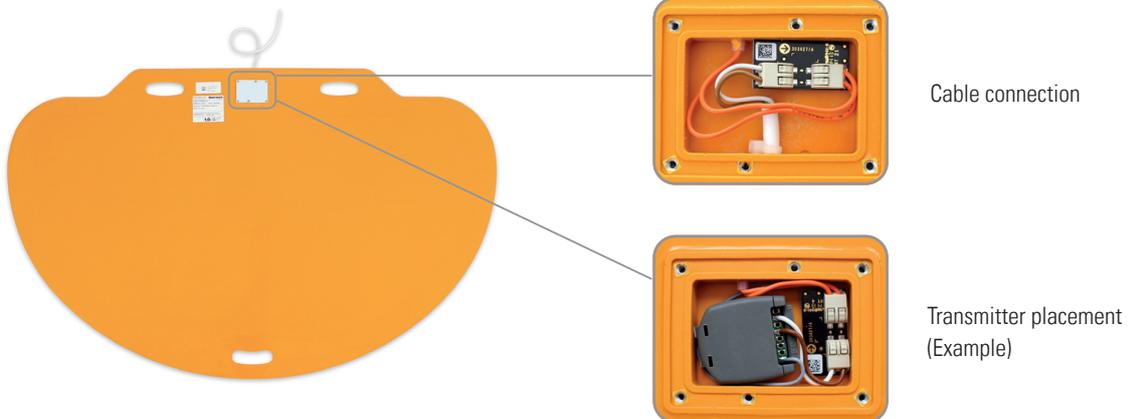


Product Details

Front



Back



Packaging



Find out more about the product online
www.bircher.com

