

# Product Catalogue

2022





## Careium – formerly Doro Care

For over 45 years we have provided social alarms and technology-enabled care services that have enabled safe and independent living for elderly and vulnerable people across Europe. Careium is the market leader in technology-enabled care in the UK, Sweden, Norway and in the Netherlands. We have over 10 years experience in successfully supporting customers transition from analogue to digital solutions, with over 300,000 digital units installed across the UK and Europe. We have our own locally-based technical support team available to assist and offer free digital reviews to help you plan your digital journey.

All our technology-enabled care solutions are straight-forward to install, supported by a cost saving, intuitive device management platform, as well as being easy to operate. By developing innovative new products and solutions in collaboration with our customers, we help older and vulnerable people stay at home and live independently for longer.



# Social Alarms by Careium

Social alarms are an integral component of the secure network run by local authorities, housing associations and home care organisations. We believe in the importance in our efforts to develop reliable and innovative tools. Careium develops products and services in close cooperation with our customers to ensure that our solutions match the needs of their service organisations and most importantly the users.

## DIGITAL Social Alarm

Digital telecare has enormous potential for the future of social alarms and healthcare. It is designed to integrate with new digital infrastructures and offers reliability, efficiency and quality to people around the world, giving them the freedom to live and enjoy their lives as they please.

Digital telecare systems are built to work with Next Generation Networks (NGNs) and digital alarm receiving centres. They use only digital information to transmit data end-to-end, from the social alarm controller to an alarm receiving centre.

Digital telecare is future-proofed, ready to adapt to the progression of technology and ready to deliver future services. Digital telecare is one element of Technology Enabled Care Services (TECS) and has the capacity and flexibility to support digital health services such as advanced telecare, telehealth and connected care which, with the increasing 'connectivity' of the world, many see as the future of healthcare.

Careium's digital social alarms have been developed to replace traditional analogue social alarms, connect to the digital networks via either broadband or cellular network. They continuously monitor the connection performing a regular heartbeat check and if there are any problems information is sent to the monitoring platform in real time. This online supervision ensures that the user is always able to generate an emergency call.



# Social Alarms

**Eliza by Careium** Article Number: 7855

A new perspective on reliability and connectivity



New



Eliza is a unique, highly versatile smartcare hub elegantly designed to deliver the best possible security and reliability to users, alarm receiving centres and service providers alike. It raises the bar in Technology Enabled Care by taking full advantage of the capabilities afforded through today and tomorrow's digital networks. Its elegant, contemporary design, with aesthetics rivaling those of stylish consumer devices makes it easier to place in the home environment. In 2020 Eliza was awarded the IF design award in product design.

Eliza takes full advantage of the capabilities provided by 4G and IP digital networks to ensure the highest level of reliability, security and flexibility. In contrast to solutions developed for antiquated analogue networks, this smart digital hub uses frequent 'heartbeat' checks to ensure a reliable connection is always there. That way, service providers are promptly and automatically alerted of any loss of service, minimising the risk of the service user being out of communication without anyone knowing about it.

Eliza seamlessly integrates with new digital infrastructure and is designed to be compatible with current and future sensors for Technology Enabled Care.

The device comes as standard with the waterproof (IP67) alarm trigger Enzo allowing it to be worn in the bath or shower. Enzo is a compact and discreet alarm button that can be worn both on the wrist and around the neck. The battery life is circa 5 years depending on use and is replaceable providing significant savings to service providers. Enzo also comes with Careium's unique easy press concept for people with e.g. arthritis.

In addition to reliability and cost-effectiveness, the service provider can also feel assurance through constant access to simple, accurate and fast monitoring and administration of the device via Careium's service platform, which is available 24 hours a day, every day of the week. The device can be remotely updated via a computer, tablet or smartphone in the office, in the car or at the user's home.



# Social Alarms

## **Eliza S by Careium** Article Number: 8106 Future proofed, slimline 4G digital hub



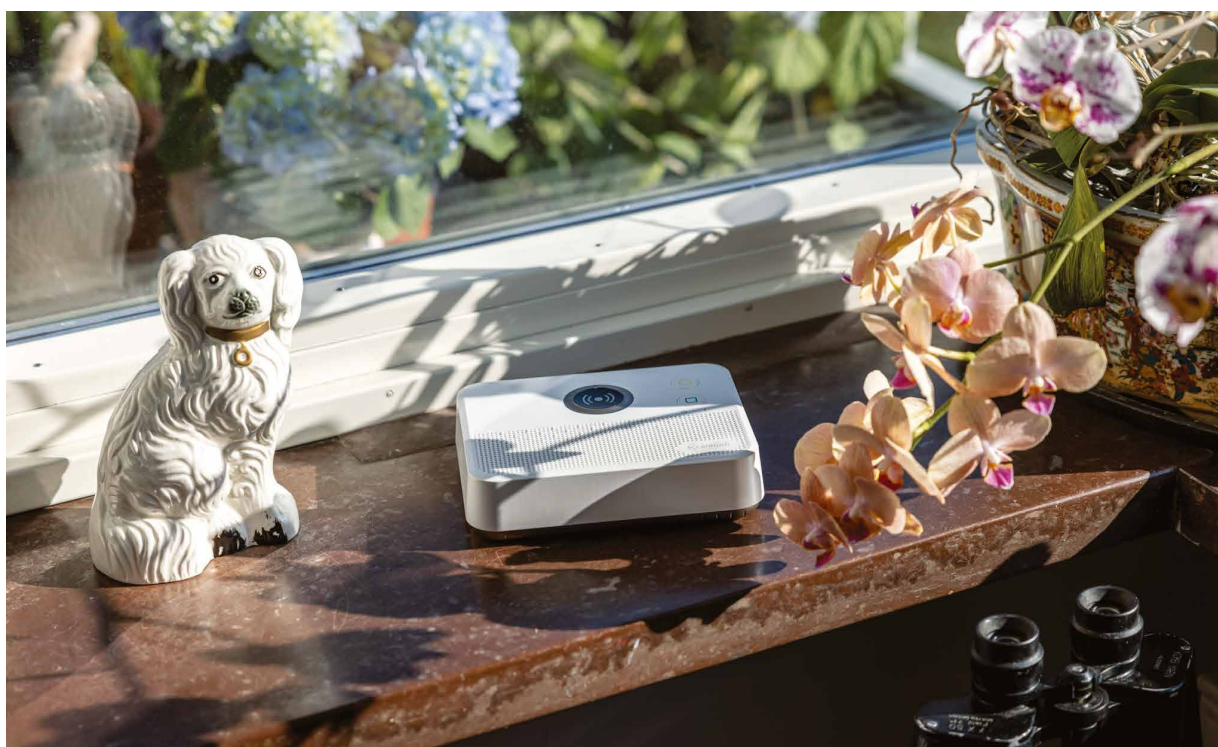
The Eliza S is a slimline version of the flagship digital hub Eliza by Careium. It has been developed and built on the same powerful platform and is an ideal solution where there is no need for a fixed internet connection. Easy to position wherever you want and unobtrusive where a simple horizontal design and / or wall mount is preferred. Eliza S is future proofed and meets the exacting requirements of Technology Enabled Care (TEC).

Eliza S takes full advantage of the capabilities provided by 4G and other digital IP-networks to ensure the highest level of reliability, security and flexibility. In contrast to solutions developed for antiquated analogue networks, this smart digital hub uses frequent "heartbeat" checks to ensure that a reliable connection is always there. That way, service providers are promptly and automatically alerted of any loss of service, minimising the risk of the service user being

out of communication for a prolonged period of time and without anyone knowing about it.

Eliza S seamlessly integrates with new digital infrastructure and is designed to be compatible with current and future sensors for Technology Enabled Care. The device comes as standard with the waterproof (IP67) alarm trigger Enzo allowing it to be worn in the bath or shower, as well as with Careium's unique easy press option for people with arthritis or tactile difficulties.

The service provider can also feel assurance through constant access to simple, accurate and fast monitoring and administration of the Eliza S via Careium's service platform, which is available 24 hours a day, every day of the week. Thus, the device can be remotely updated via a computer, tablet or smartphone in the office, in the car or at the user's home.





# Social Alarms

**CareIP® Mobile** Article Number: 100008 white, 100075 graphite

CareIP® Mobile offers a completely digital, future-proof solution and can operate using GSM, GPRS and IP/Internet communication. CareIP® Mobile transmits an emergency alarm to the alarm receiving centre via the internet/GSM using TTNEW, CPC, SCAIP or UMOXML alarm protocols and high quality, duplex or simplex digital speech. This comprehensive range of protocols ensures compatibility with all the latest monitoring centres including Tunstall, Jontek, Enovation Group and Chubb.

Using the i-care® online service the device will automatically monitor network signal strength, and provide an alert to the alarm receiving centre if any device goes off-line, loses connectivity or misses a regular, pre-programmed heartbeat.

Speech volume can be adjusted via programming or remotely to assist those with hearing difficulties.

An internal time clock in the device enables programming of time parameters for individual sensors and automatically adjusts for BST.

The emergency button is easily accessible and located on the upper side of the unit. The emergency button is backlit and significantly larger than any other function button to avoid any confusion in operation. This function can be hidden from the user. All connection sockets on the back are easily identified, to assist a simple installation. The product can be wall mounted.

CareIP® Mobile offers a state of the art radio range of up to 200 metres and automatically tests the two-way transceiver alarm trigger Enzo as standard. However should there be a requirement to extend the range for a larger property a mBox 9200 Repeater can be purchased which will increase the range of the radio trigger. Any problem with low battery, range of the trigger or fault which can prevent activation will be signalled automatically by CareIP® Mobile. A range test of the radio trigger can be enabled.

## CareIP® Mobile operates in three ways:

### 1. GSM only

A Roaming SIM card compatible with all networks is supplied pre-fitted into the device for a simple and secure installation. This enables the installation of an alarm where the user does not have a telephone line or fixed broadband connection/subscription.

### 2. IP/ Internet Only

An option to connect via the internet – this provides a second communication option, should a direct network connection be required at a later date.

### 3. GSM and IP/Internet\*

If the social alarm unit is connected using the Internet and the broadband stops working, then CareIP® Mobile will automatically switch to using GSM communication providing a level of security far above traditional analogue devices.

\*Dependant on alarm receiving centre, to use IP connectivity the control platform will require an IP protocol.

CareIP® Mobile is compatible with the full range of Careium's 869MHz telecare accessories. The battery backup can last for up to 48 hours.

CareIP® Mobile automatically monitor the mains supply. In the event of mains power failure, it will send a programmable "Mains Failure" alert to the alarm receiving centre. In the absence of power a LED reacts instantaneously, and there is hourly monitoring to facilitate transmission and notification of mains errors to alarm receiving centre. When the mains power is restored the alarm receiving centre will receive notification of "Mains Reset" to confirm the mains power has been reinstated.

CareIP® Mobile is supported by our web portal i-care® online (easy programming, see more info section i-care® online). Supplied with the Enzo radio alarm trigger (range up to 200 m, IP67) including all wearing accessories (incl. neck and wrist), Roaming SIM, power supply and CAT5 cable. The CareIP® Mobile is tested and complies with all relevant EU standards incl. EN-50134 CE.

# Social Alarms

## CareIP® Mobile Technical data

Power supply: 230VAC/7.5VDC, 1.0A with mains cable

Battery central unit: NiMH pack 4.8V (replaceable by service personnel)

Battery alarm: Automatic

Warranty: 2 years

Battery backup: 48 hours

Low battery alarm: Automatic

Speech communication: VoIP (duplex, simplex) or GSM

Data communication: IP/SIP and GSM (triple band), GPRS

Radio: Dual band transceiver 869 MHz and additional 868 MHz

No. of radio transmitters: Up to 10 radio transmitters

Alarm receiver: Up to 10 alarm receivers can be programmed

Dimension: 200x175x40 mm

Input/Output: 4 inputs, 2 output, 1 output for hearing aid loop system, external aerial

Interface: Ethernet 10/100 Base-T

Protocols: IP: CIP (SIP), SCAIP, UMO XML

GSM: CPC, TTnew and telephone

Ability to replace battery: Yes

Battery life: Up to 5 years

## Replaceable Items

Mains power cable white: 100036

Mains power cable black: 100077

Internal alarm unit batteries: 300205

Antenna: 100050



# Social Alarms

## CareMobile Article Number: 100076 graphite

CareMobile is a IP/GSM only device. The unit transmits an alarm to the alarm receiving centre via the GSM/GPRS network using either SCAIP or UMO-XML alarm protocols. In the near future the device will enable connection via the CENELEC TS 50134-9:2018 protocol. Up to 10 869MHz telecare accessories can be connected to CareMobile.

The main features and functionality of the CareIP® Mobile are supported by CareMobile.

CareMobile is supported by our web portal i-care® online. Supplied with the Enzo alarm trigger including all wearing accessories, Roaming SIM (optional) and power supply.

CareMobile is compatible with the full range of Careiums 869MHz telecare accessories. The battery backup can last for up to 48 hours.

The CareMobile is tested and complies with all relevant EU standards incl. CE.



### CareMobile Technical data

<b>Power supply:</b>	230VAC/5VDC, 1.0A with mains cable
<b>Battery central unit:</b>	Li-Ion 3.7V
<b>Low battery alarm:</b>	Automatic
<b>Warranty:</b>	2 years
<b>Battery backup:</b>	48 hours
<b>Speech communication:</b>	GSM (duplex, simplex)
<b>Data communication:</b>	GPRS (IP)
<b>Radio:</b>	869 MHz transceiver
<b>No. of radio transmitters:</b>	Up to 10 radio transmitters
<b>Alarm receiver:</b>	Up to 10 alarm receivers can be programmed
<b>Dimension:</b>	200x175x35 mm
<b>Protocols:</b>	SCAIP, UMO XML
<b>Ability to replace battery:</b>	Yes
<b>Battery life:</b>	Up to 5 years

### Replaceable Items

<b>Switching power supply white:</b>	100 061
<b>USB cable 1.2 m white:</b>	100 062
<b>Switching power supply black:</b>	100 079
<b>USB cable 1.2 m black:</b>	100 080
<b>Internal alarm unit battery:</b>	300 163



# Social Alarms

## Radio Alarm Trigger Enzo Article Number: 300208

The Enzo radio trigger is compatible with all our social alarms. It is a two-way transceiver that uniquely monitors the connection with the base unit and provides confirmation that the alarm has been acknowledged. When an alarm is activated the LED on the radio trigger lights up and changes colour when the signal has been received.

Enzo complies with IP67 "protected from dust and capable of withstanding water immersion up to 1 metre for 30 minutes so can be worn in the shower or bath".

The trigger comes as standard with all accessories - neck cord, wrist strap and the unique Easy Press Option for users with tactile disabilities. The trigger button has clearly defined edges to assist visual impaired users. The length-adjustable neck cord has an anti-strangle safety device, which is not affected in the event of the user tying a knot in the neck cord to adjust length, the cord is also washable.

Enzo automatically sends information via the social alarm to all monitoring platforms relating to battery life to ensure that the user is always able to make a call.

The alarm trigger works up to 200 metres from the social alarm unit ensuring that the user feels safe around their home and garden.

The trigger has a long battery life (typically 5 years based on one daily activation). The battery can be changed. Once changed the trigger is still waterproof as it contains a specially designed seal. This provides significant savings when compared with a typical trigger exchange and reduces the lifetime cost of the device.

### TIP! Enzo fixed mount/wall clip Article Number 300 210

Many users take off the alarm trigger when taking a shower or when going to bed. It's easy to mount additional triggers inside the shower and by the bedside to ensure that the trigger is at hand when needed.

### TIP! Enzo Bogus caller Article Number 300 213

Similar as the above fixed mount version but with different software sending a specific alarm code. Normally mounted close to the front door, when a senior is concerned about an unknown visitor they press the trigger and the alarm operator can then help the senior and ensure that the visitor is either welcomed or refused entry.



## Radio Alarm Trigger Enzo Technical data

<b>Frequency:</b>	869 MHz
<b>Battery:</b>	1 Energizer CR2032
<b>Water resistance:</b>	IP67
<b>Warranty:</b>	2 years
<b>Standard automatic alarm test:</b>	Yes, selectable
<b>Dimensions:</b>	38x32x11 mm
<b>Ability to replace battery:</b>	Yes
<b>Battery life:</b>	Up to 5 years

## Replaceable Items

<b>Neck cord:</b>	300 216
<b>Wrist strap:</b>	300 215
<b>Adhesive pad:</b>	300 214
<b>Accessory pack:</b>	300 209
<b>Wall clip:</b>	300 210

# i-care® online

Our digital and mobile social alarms are supported by i-care® online, our unique web-based service, which provides easily accesible, remote supervision, product management, firmware upgrades, programming and support.

i-care® online is easily accessed around the clock and you can always see the status, in real time, minute by minute for all your installed digital and mobile social alarms. The system operation is efficient, clear and comprehensive - thus saving time, effort and money.

The primary advantage is that your digital social alarms can be programmed and upgraded without the need for a visit from a technician.

i-care® online provides you full visibility and control, in the event of your customers' social alarms being out of action, you will know this within minutes via the units "heartbeat". Everything designed to pro-vide around the clock security and reassurance for you and your customers.

## Key features:

- Accessible 24/7 in order to check the status of any mobile and digital social alarm
- Sends emails or SMS notification when the broadband/GSM/GPRS has been disabled
- Silently and remotely program parameters
- Silently and remotely program Telecare accessories including time parameters
- Shows GSM signal strength
- Update firmware





# SIM Billing



## SIM BILLING

Commitment to giving customers best value solutions means that you only pay SIM costs for active units.

- You do not pay SIM costs whilst stock is sat on your shelves waiting for deployment
- You also enjoy `SIM holidays`

If a unit has been out in the field and is then returned to your equipment stores, the SIM billing will stop automatically. It only starts again once the unit is active and with another service user

Orders for new equipment are made in the usual way with the SIM card inbuilt. However, SIM costs are automatically managed through the management portal, i-care® online and identified in a separate monthly SIM invoice.

# Mobile Social Alarms

Mobile social alarms pave the way for people to live a more independent life. The solution includes an emergency button that is directly connected to a monitoring centre, GPS-based locali-

zation and tracking. It is also possible to set up 'safety zones' – whenever the user leaves the zone, an alarm is sent

This flexible service can be adapted to the individual's needs. You as a service provider decide whether the alarm should be directed to a monitoring centre, a relative or care staff. The service can be set up as a mobile social alarm or a tracking alarm.





# Mobile Social Alarms



## Careium 450

Article Number: 7960

Careium 450 is a small and comfortable GPS mobile social alarm that improves security not only in the home, but everywhere the user goes. It is easy to carry around at all times, either in a pocket or as a pendant around the neck. It can also be worn in the shower thanks to its waterproof design (IP67). When the emergency assistance button is pressed, an alarm is sent to the alarm receiving centre and a built-in speakerphone enables voice communication with the monitoring centre's trained staff. GPS, Wi-Fi and beacon positioning all cooperate to provide not only the user's location, but also advanced tracking and geofencing functionality that incorporates energy-saving technology for achieving long battery time.

- GPS location and geofencing
- Geofencing can be configured to alert when user goes INSIDE or OUTSIDE
- Self-activated and automatically triggered alarms
- Built-in fall detection and a step counter
- Great speech quality
- Secure communication with the monitoring centre (SCAIP protocol)
- Ability to program to a monitoring centre or family member
- Ability to call the unit back if need be
- Side button sends a friendly SMS to relative with current location and customised text
- The charging station doubles as a Home Beacon unit. Indoor positioning
- Breadcrumb trail



## Careium 480

Article Number: 500050

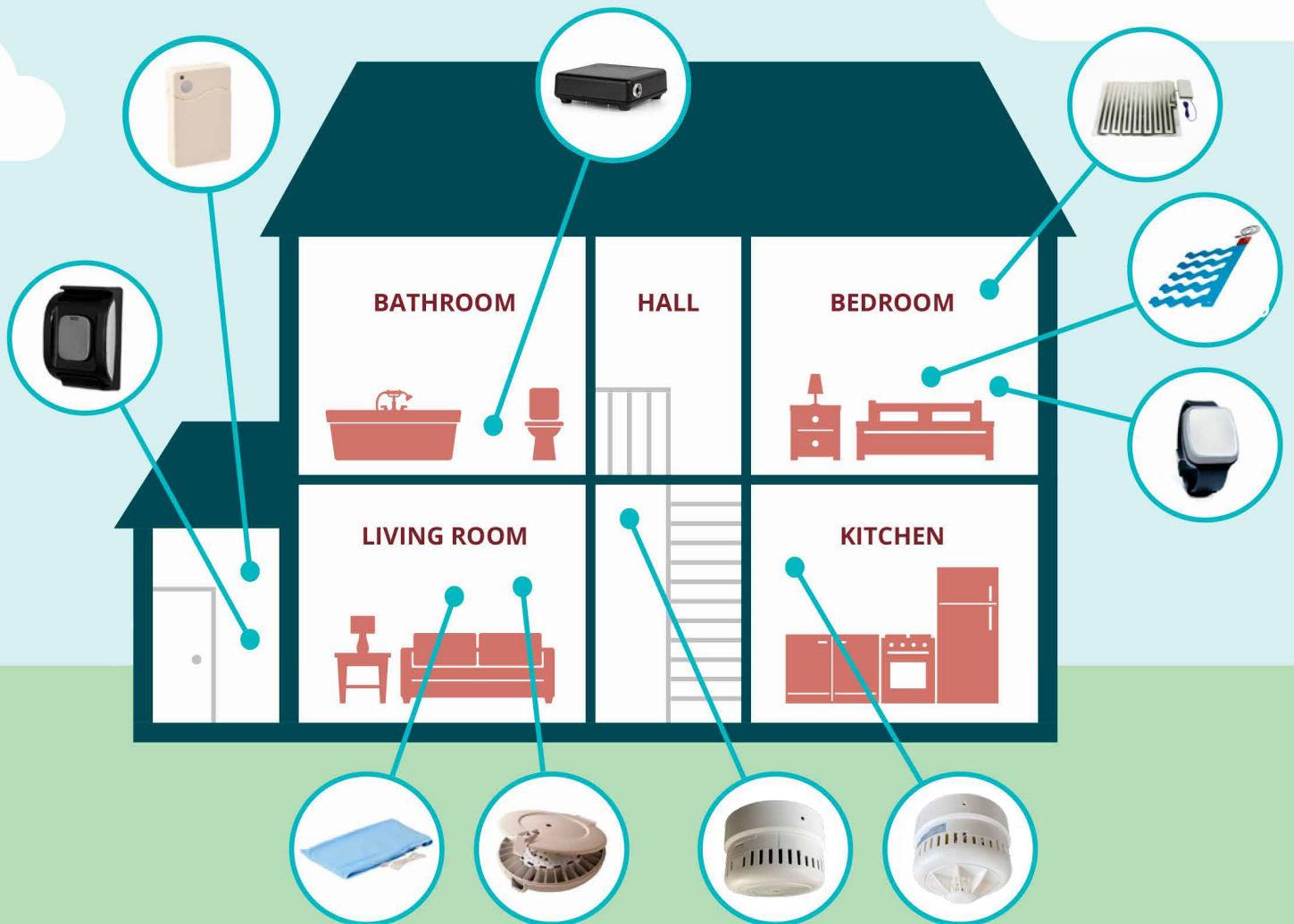
Careium 480 is an attractively designed splash-proof wristwatch featuring sophisticated tracking and communication capabilities to enhance personal safety. If distressed or in need of help, the user can easily trigger an alarm. Alarms can also be triggered to the alarm receiving centre or other recipient when the user leaves their home or safe zone, the battery is low, or the easy to press crown button is pressed. In addition, service providers can regularly check-in with the user, be alerted of the user's GPS location, and even communicate with the user over the built-in speakerphone

- GPS location and geofencing
- Geofencing can be configured to alert when user goes INSIDE or OUTSIDE
- Self-activated and automatically triggered alarms
- Great speech quality
- Secure communication with the monitoring centre (SCAIP protocol)
- Ability to program to a monitoring centre or family member
- Incoming & outgoing calls
- The charging station doubles as a Home Beacon unit. Indoor positioning
- Breadcrumb trail

**Mains electricity power charger** art. no. 500045, **Docking station** art. no. 500043, **Silicone strap with dementia lock** art. no. 500046, **Dementia strap lock key**: art. no. 500047, **Hypo allergic waterproof leather strap**: art. no. 500048

# Innovative Telecare Accessories

We offer a broad range of Telecare accessories that enable and support individual tailor-made solutions. When a sensor is activated it will send a signal to the social alarm unit, which will automatically call the alarm receiving centre. Careium Telecare accessories operate on the European Social Alarm frequency 869MHz. They are uniquely coded and easy to install.





# Environmental Safety



## Smoke Detector i10 Article Number: 8276

This is an optical smoke-detector with interlink capability and a built-in 10-year lithium battery. Large visible easy-to-use test key. When the smoke detector is activated, it emits a loud and clear audible signal (85dB), activates the alarm sound in all interlinked detectors and sends a call to the monitoring centre via the social alarm unit. The smoke detector can be connected to Careium's social alarms and carephones to create a secure home environment. It can interlink with Careium CO i10, Heat i10 and additional Smoke i10 detectors for maximum security.

The Smoke Detector i10 is tested and complies with all relevant EU standards incl. CE and operates on the European Social Alarm frequency 869MHz. Complies with BS EN 14604, KM 500468.



## Carbon Monoxide Detector i10 Article Number: 8278

This is a CO-detector with interlink capability and a built-in 10-year lithium battery. Visible easy-to-use test key. Carbon Monoxide (CO) is produced when fossil fuels do not burn completely or are exposed to heat. These fuels include wood, coal, charcoal, oil, natural gas, gasoline, kerosene and propane. The CO-detector reacts when CO concentration reaches certain thresholds and provides a local audible alarm (85 dB) and triggers a call to the monitoring centre via the social alarm unit. If the CO-detector is interlinked with other detectors the alarm sound in all detectors. The CO-detector can be connected to Careium's social alarms and carephones to create a secure home environment. It can interlink with Careium Smoke i10, Heat i10, and additional CO-detectors for maximum security.

The CO Detector i10 operates on the European Social Alarm frequency 869MHz and is tested and complies with all relevant EU standards incl. CE and BS EN 50291 (2001).



## Heat Detector i10 Article Number: 8277

A Heat-detector with interlink capability and a built-in 10-year lithium battery. Big visible easy-to-use test key. A heat detector is suitable for those locations where a false alarm from a standard smoke detector is likely to occur such as steam, cooking flames or particles (e.g., burning toast). When the heat detector is activated (57 °C ) it emits a loud and clear audible signal (85dB), activates the alarm sound in all interlinked detectors and sends a call to the monitoring centre via the social alarm unit. The heat detector can be connected to Careium's social alarms and carephones to create a secure home environment. It can interlink with Careium Smoke i10, CO i10 and additional Heat i10 detectors for maximum security.

The Heat Detector i10 is tested and complies with all relevant EU standards incl. CE and operates on the European Social Alarm frequency 869MHz. Complies with BS 5446-2, BS EN 14604, KM 500468.

# Environmental Safety



## Extreme Temperature Sensor Article Number: 300241

The Careium Extreme Temperature Sensor detects extremes of temperature and will automatically raise an alarm via the social alarm unit. The sensor will detect if the temperature is too hot (35°C) or too cold (12°C) in the house, for example if the heating breaks down in winter. The device can be tested by removing and replacing the battery. The life expectancy of the unit is at least 5 years, its battery will last for up to 5 years and a low battery alert will be sent to the monitoring centre if the battery is low. The batteries are easily replaced (art. no. 300 189). The Doro Extreme Temperature Sensor operates on the European Social Alarm frequency 869MHz and is tested and complies with all relevant EU standards incl. CE and EN 50134.



## Radio Flood Detector Article Number: 300239

The Careium Flood Detector will provide early warning of a potential flood and avoid the consequences of damage to property and personal possessions. The flood detector is placed on the floor in the bathroom or kitchen and detects excess water caused by an overflow. Once water is detected an alarm will be sent to the alarm receiving centre via the social alarm unit. This provide reassurance for people who have a habit of leaving the tap running which can cause hazardous situations, significant damage resulting in unnecessary cost and inconvenience. The device can be easily tested with water and will also send a low battery call to the alarm receiving centre. Replaceable battery CR2032 (art. no. 300 189). The Flood Detector operates on the European Social Alarm frequency 869MHz and is tested and complies with all relevant EU standards incl. CE.



# Fall Management



## Vibby OAK Fall Detector

Article Number: 300187

The Vibby OAK Fall Detector offers the user increased versatility and wear-ability options. It has an integral alarm button to enable the user to summon help, it incorporates a micro-controller, 3 axis accelerometer, a vibrator and a radio transmitter (869MHz). In the event of a fall, the sensor will raise an alarm to the alarm receiving centre via the Doro social alarm. If the user stands up 20 seconds after the fall detection, the fall detector cancels the alarm. If the wearer stays on the floor, the fall sensor will also vibrate and the LED light flashes to let the user know an alarm is about to be generated. The sensor is waterproof to IP67, shock resistant, made of hypo-allergenic plastic and has a replaceable battery.

### Manual alarm

At any time a manual alarm can be triggered by a simple press on the push-button. The alarm is confirmed by a vibration and LED light.

### Automatic fall detection

After a heavy fall, when the user is lying on the ground with or without activity and unable to manually press the push-button, the Vibby OAK will vibrate with blinking LED for 20 sec. before sending an alarm.

### Alarm cancellation with sensor

During the warning period (vibration), the user can

cancel the alarm by simply covering the fall sensor completely with the palm of the hand during 2 sec. then remove the hand once the Vibby OAK fall sensor has stopped to vibrate.

### Auto alarm cancellation

After a fall, if the user stands up and remains standing for more than 6 sec. the alarm will automatically be cancelled.

The device operates on the European Social Alarm frequency 869MHz and is tested and complies with all relevant EU standards incl. CE.

**Neck Cord** art. no. 300196, **Replacement Battery** art. no. 300190

**Wrist Straps:** art. no. 300197 – black, art. no. 300198 – light blue, art. no. 300199 – cherry red, art. no. 300200 – purple, art. no. 300201 – dark blue, art. no. 300202 – dark grey

# Personal Wellbeing

## **mBox 9200** Article Number: 300154

The Careium mBox 9200 can be used as a bed control unit, radio transmitter, radio range extender, and a door alarm.



### **mBox 9200 Control Unit**

When the sensor activates, an alarm is sent to the alarm receiving centre via the social alarm unit. On the main unit a simple function provides the ability to set different delay times before the alarm is sent. Time parameters can also be programmed on the social alarm unit so that the device will only work within certain times of the day. The battery-operated mBox 9200 device will also send a call to the monitoring centre in the event of a low battery. The device is fixed by using the supplied screws or adhesive fixing.

### **mBox 9200 Range Extender**

The unit is a radio receiver and transmitter in the same unit. By placing an mBox range extender between the Careium social alarm and telecare sensor you can increase the effective range of the telecare sensor and be assured that a radio signal from the sensor will reliably reach the social alarm.

### **The mBox 9200 Radio Transmitter**

mBox 9200 can be used to supplement conventional alarm devices such as fixed alarm transmitters with wireless alternatives.

### **The mBox 9200 Door Alarm with magnetic contact.**

The Careium mBox 9200 Door Alarm is very easy to install and is completely wireless. A small magnet is attached to the door, and the transmitter itself is attached to the door frame. The door alarm alerts the alarm receiving centre if an individual leaves the property. There is a bypass button which can be used by visitors to enter and leave the accommodation without activating the alarm, and an on/off switch for activation/deactivation as required. All Careium social alarms can be programmed to call through silently, which is occasionally a requirement with door alarms.

The magnetic contact is ordered separately.  
Article Number: 300127

The mBox 9200 operates on the European Social Alarm frequency 869MHz and is tested and complies with all relevant EU standards incl. CE.



# Personal Wellbeing

## Bed Alarm Article Number: 300175 (Complete set)



The Careium Bed Alarm complete set consists of a soft, flexible bed sensor, textile cover, mBox 9200 and a mounting plate, the items can be ordered separately as well (bed sensor art. no. 300029, cover art. no. 300030, mBox 9200 art. no. 300154). The bed sensor has to be connected to the battery-operated mBox 9200 radio device. The water resistant, easy to clean pressure sensor is used on top of the mattress and usually under the bedsheet. When the sensor activates, an alarm is sent to the alarm receiving centre via the social alarm unit. On the main unit a simple function provides the ability to set different absence times before the alarm is sent. For example, if the user was to exit the bed and not return within 15 minutes during the night. The minimum bed activation weight is 27kg. The sensor has a life expectancy of approx. 6 months. The mBox 9200 device monitors the bed sensor function and will send low battery calls to the alarm receiving centre. The batteries are easily replaced. The Careium Bed Alarm operates on the European Social Alarm frequency 869MHz and is tested and complies with all relevant EU standards incl. CE.

## Chair Alarm Article Number: 300174 (Complete set)



The Careium Chair Alarm complete set consists of a soft, flexible chair sensor, mBox 9200 and a mounting plate, the items can be ordered separately as well (chair sensor art. no. 300025, mBox 9200 art. no. 300154). The chair sensor has to be connected to the battery operated mBox 9200 radio device. The water resistant, easy to clean pressure sensor can be placed over or under the cushion on a seat or wheelchair. When the sensor activates, an alarm is sent to the alarm receiving centre via the social alarm unit. On the main unit a simple function provides the ability to set different absence times before the alarm is sent. For example, if the user was to leave their chair and not return within 15 minutes. The minimum chair activation weight is 27kg. The sensor has a life expectancy of approx. 6 months. The mBox 9200 device monitors the chair sensor function and will send low battery calls to the alarm receiving centre. The batteries are easily replaced. The Chair Alarm operates on the European Social Alarm frequency 869MHz and is tested and complies with all relevant EU standards incl. CE.

## Mat Alarm Article Number: 300173 (Complete set)



The Careium Mat Alarm looks like a normal floor mat. The complete set consists of a floor mat, mBox 9200 and a mounting plate, the items can be ordered separately as well (floor mat art. no. 300089+300090, mBox 9200 art. no. 300154, mounting plate art. no. 300014). The floor mat has to be connected to the battery operated mBox 9200 radio device. The mat provides simple, effective monitoring to alert when a person leaves their room or home. When the mat is stepped on the sensor is activated and an alarm is sent to the alarm receiving centre via the social alarm unit. On the main unit a simple function provides the ability to set different absence times before the alarm is sent. The minimum floor activation weight is 27kg. The sensor has a life expectancy of approx. 12 months. The mBox 9200 device monitors floor sensor function and will send low battery calls to the alarm receiving centre. The batteries are easily replaced. The Floor Alarm operates on the European Social Alarm frequency 869MHz and is tested and complies with all relevant EU standards incl. CE.



# Personal Wellbeing



## **Magic Stick** Bed Alarm (100cm) Article Number: 300150, Chair Alarm (60cm) Article Number: 300151

The Magic Stick is an alternative bed or chair sensor which connects into the mBox 9200 radio device (ordered separately, art. no. 300154). The magic stick has two sensing levels and is supplied with Velcro fixing straps and Velcro sticky pads to assist with securing under the mattress or chair cushion. It is suitable for easy cleaning and refurbishing. The Magic Stick is slimline, rigid but flexible and waterproof to IP67. The device has a life expectancy of approx. 12 months. The device operates on the European Social Alarm frequency 869MHz and is tested and complies with all relevant EU standards incl. CE.



## **Motion Sensor** Article Number: 300155

The Careium Motion sensor is a wireless motion sensor which can be used for different situations where monitoring of movement may be required. For example, the Motion sensor can be used as:

- A bed monitor, placed on the floor at the edge of the bed.
- Movement monitor, to send information when a person has been active, such as not visiting the kitchen for 24hrs.

The device operates on the European Social Alarm frequency 869MHz and is tested and complies with all relevant EU standards incl. CE.



## **Epilepsy Sensor** Article Number:

The Companion mini is a small, smart and sensitive unit that can tell apart a person's seizure induced movement and normal sleep activity, contributing to peace of mind. Suitable for home use and for adults as well as children. When a seizure has been detected a call will be activated to the monitoring centre.

The sensor is placed beneath the mattress, the sensor unit differentiates seizure-induced movement from normal sleep activities before passing an alarm to the monitoring centre via the Careium social alarm unit. The Companion mini is easy to install using wireless technology, and Class 1 medical device certified.

The device operates on the European Social Alarm frequency 869MHz and is tested and complies with all relevant EU standards incl. CE.

# Personal Wellbeing



## Pill Dispenser Article Number: 300235

The Pill Dispenser (Pivotell Advance Dispenser) is suitable for those who have memory issues and for whom the blister packs and dossett boxes are no longer a reliable way to access medication. It offers the right pills at the right time, thus reducing the risk of overdose.

At 439g, it is lightweight and has 28 individual compartments accessed via a lockable lid, the key is provided as standard. It can be programmed to dispense up to 24 times per day. An alarm signal continues to ring/flash for up to one hour or until pills are dispensed. After the chosen elapsed time an alarm will be raised via the social alarm unit, and if the dose isn't taken then the dispensing hole will block access to the medication. It can also be used as standalone without assigning it to the social alarm unit.

The Pill Dispenser is easily programmed via the LCD screen, providing options to program dose times, change alert tone, volume, visual flash, and daylight savings time. The time and date of the next dose can be viewed on the screen by a simple press of a button. Spare day/time discs are provided for various dose regimes. Pharmacy installation leaflets come as standard and easily cleaned spare internal cassettes with lid are available for pre-filling by a carer or pharmacy.

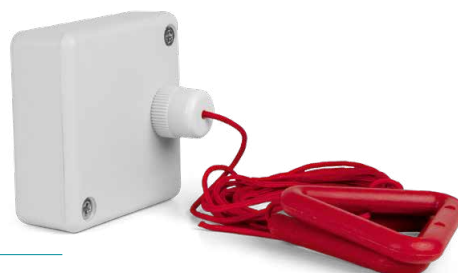
The unit is powered by batteries and if low, a visual warning light will appear and a call will be sent to the alarm receiving centre, if the device is assigned to the social alarm unit. The 4x AA batteries are easily changed. The device is designed to securely house a medication record/chart with plastic label which has enough room for a standard pharmacy provided medication sticker. The Pill Dispenser operates on the European Social Alarm frequency 869MHz and is tested and complies with all relevant EU standards incl. CE.

**Key art. no. 300246, Key art. no. 300246, Batteries (2x AA) art. no. 300043, Bowl for tipper art. no. 300247 Start kit Pill Dispenser, EN** (includes: installation leaflet with filling guide, pharmacy label & carrier medication record) art. no. 300236. **Spare Cassette** art. no. 300180

## Tipper Accessory Article Number: 300243

A tipper can be supplied for those with insufficient strength or limited dexterity to lift and dispense their medication. It holds the dispenser securely and features a handle to make tipping easier. When tipped, the dose will drop into the supplied bowl which captures the medication and makes it easy to consume.

# Personal Wellbeing



## **Radio Pull Cord** Article Number: 300222

The Radio pull cord is ceiling mounted and can be strategically placed around the home for example in the bathroom or near the bedside, to provide the service user with a convenient means of calling for help in an emergency. Strong, double adhesive tape for easy installation. The device is tested and complies with all relevant EU standards incl. CE.



## **PikoButton** Article Number: 300224

The PikoButton is a control switch for users with disabilities and/or special needs. It is designed to be very durable but still easy and pleasant to use. Because of the PikoButtons' sensitivity they are suitable for controlling environmental control systems, communication devices, assistant alarms, etc. The activation force of the buttons is very small, only 125 grams (medium). The same activation force can be used at the edge of the switch. The PikoButton has a dimension of 50mm with the switch in Red. The PikoButton has M4 screw threads for attachment to wheel chairs or other assistive technology. The device is tested and complies with all relevant EU standards incl. CE.

For wireless connection to the Careium social alarm the product requires the radio module Careium 9350, article number 300206.



## **Careium 9350 radio module** Article Number: 300206

The Careium 9350 radio module is a radio transmitter that is compatible with the Careium social alarm equipment. The battery is replaceable. The device operates on the European Social Alarm frequency 869MHz and is tested and complies with all relevant EU standards incl. CE.

0,5m cable with 3,5mm plug art. no. 300221





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