



Care@Home™ Emergency Pendant Advanced



ES700EPA
Emergency Pendant with Fall Detection

Product

The latest in innovative, wearable, emergency devices for detecting falls and signaling emergency situations. Integrated with Care@Home™ platform solutions.

Its features include:

- Lightweight, wearable device attached to the lanyard provided
- Multi-function device providing:
 - Fall detection
 - Panic button alert
 - Step counting
- Highest accuracy for real fall scenario detection, industry-wide
- Useable both indoors and outdoors (within reception range)
- With optional Active service, extends coverage away from home premises
- LED indication of alarm-in-progress and reception status
- Alert notification sent to the HSP monitoring station via the Care@Home™ control panel for emergency situations
- Replaceable battery
- Industry leading high RF range
- Supports automatic over-the-air software (RSU) programming and configuration upgrade

Smart Care

Essence Care@Home™ multi service platform is an Aging-in-Place product suite that offers a seamless health monitoring experience allowing independence for seniors and peace of mind to their loved ones.

Care@Home™ allows service providers the flexibility to offer their customers services ranging from emergency alerting to a professional intelligent home care solution, which constantly learns and adapts to the daily behavior of individuals and provides alerts with different severity levels based on deviation from the daily routine.

The Care@Home™ multi service platform includes:

- Care@Home™ PERS + Advanced Emergency Response Alarm
- Care@Home™ Family Monitoring
- Care@Home™ Pro Intelligent Home Care Solution

Specifications

COMMUNICATIONS

- **Maximum RF range:** 400 m (1,312 ft.) open air
- **Protocols:** Proprietary bi-directional radio protocol
- **Modulation and frequency:** FSK modulation
 - 869.225 MHz (Europe)
 - 868.3 MHz (China)
 - 916.5 MHz (North America and Australia)
 - 916.3 MHz (Israel)
- **Data security:** 32-bit ID, over four billion combinations

POWER SUPPLY

- **Battery:** Lithium 3 V CR2450
- **Approved manufacturers:** Panasonic and Energizer
- **Battery life:** Up to two years

DIMENSIONS

- **Size (Diameter x H):** 40 x 12 mm – 1.58 x 0.47 in.
- **Weight:** 15 g (0.53 oz.) including battery and excluding lanyard

ENVIRONMENT

- **Operating ambient temperature range:** -10°C - 55°C (14°F - 131°F)
- **Storage ambient temperature range:** -20°C - 70°C (-4°F - 158°F)
- **Operating humidity:** Up to 93% non-condensing
- **Water and dust resistant:** IP67 certified

PATENTS

US8206325 and US9005141 (under license). Other patents pending.

COMPLIANCE

- FCC ID
- CE
- UL1637
- EN 50134



ESUGSC019 Rev. 1.9 For more information, go to: <http://www.essence-grp.com/smart-care>