

Care@Home™ EPA

Emergency Pendant with Fall Detection



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)
- 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



Essence Care@Home™ enables families to be confident that their dear ones are cared for, while end-users are able to maintain their independent lifestyle. The award-winning Care@Home™ Multi-Service Platform is an Aging-in-Place product suite that offers seamless home care monitoring indoors and outdoors, allowing independence for seniors and peace of mind to their loved ones. Essence is spearheading a paradigm shift in seniors' Aging in Place experience.



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.

CERTIFICATIONS and APPROVALS

- FCC, IC
- CE
- UL1637
- EN 50134-2

PART NUMBER: ES700EPA