



Care@Home™ EP Active Fall Detector



ES700EPA
Emergency Pendant with Fall Detection

Product

The latest in innovative, wearable, emergency devices for detecting falls and signaling emergency situations is integrated with Care@Home™

Its features include:

- Multi-function wearable device providing:
 - Fall detection
 - Panic button
 - Pedometer and usage indication
- Highest accuracy for real fall scenario detection, industry-wide
- Can be used both indoors and outdoors (within reception range)
- LED indication of alarm-in-progress and reception status
- True water and dust resistant
- High RF range
- Supports automatic over-the-air software (RSU) programming and configuration upgrade
- Can be attached to a lanyard or a wristband

Specifications

COMMUNICATIONS

- **Maximum RF range:** 700m (2296 ft.) open air
- **Protocols:** Proprietary Bi-Directional radio protocol
- **Modulation and frequency:** FSK modulation
 - 869.25 MHz, 868.3 MHz (Europe and China)
 - 916.5 MHz (North America and Australia)
 - 800 MHz (Israel)
- **Data security:** 32-bit ID, over 4 billion combinations

POWER SUPPLY

- **Batteries:** Lithium 3V CR2450 – replaceable battery
- **Battery life:** Up to 2 years

DIMENSIONS

- **Size:** Height: 12 mm (0.47 in.), Diameter: 40 mm (1.58 in.)
- **Weight:** 30 grams (1.06 oz.) including battery and excluding accessories

ENVIRONMENT

- **Operating ambient temperature range:** -10°C – +49°C (+14°F – +120°F)
- **Storage ambient temperature range:** -20°C – +60°C (-4°F – +140°F)
- **Water and dust resistant:** - IP67 compliant

COMPLIANCE - Pending

- FCC

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance (Essence Ltd.) could void the user's authority to operate the equipment. This equipment complies with FCC RF validation exposure limits set forth for an uncontrolled environment.

This device complies with FCC Rules Part 15 and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation

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

