Care@Home™
Voice Panic Detector

ES700VPD
Smart Emergency Response Device

Product

A wireless, smart emergency response device with Intelligent Voice Activation™ technology, integrated into the Care@Home™ product suite solution, providing an added layer of care by allowing residents to "call for help" when unable to press their panic button.

The Voice Panic Detector features:

- Intelligent Voice Activation™ (IVA): an always-active technology that recognizes preset vocal commands which trigger specified actions
- Stationary panic button and optional pull cord (detachable or fixed)
- Two power options: battery operated or external power supply with battery as backup
- Extreme temperature detection
- Voice extender ready (intercom)
- LED indications for emergency and system status
- Water resistant for installation in shower or bathing areas
- Supports automatic over-the-air software (RSU) programming and configuration upgrade
- Installation using a desktop mount or wall mount using mounting tape or screws
- Accessories
  - External pull cord trigger
  - Desktop mount
  - AC power adapter

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**: Up to 700 m (2296 ft.) – open air
- **Protocols:** Proprietary bi-directional radio protocol
- **Modulation and frequency**: FSK modulation:
  - 868.3 MHz, 869.225 MHz (in Europe and China)
  - 916.5 MHz (in North America)
  - 800 MHz (in Israel)
- **Data security**: 32-bit ID, over 4 billion combinations

POWER SUPPLY

- **Battery**: Two C-size 1.5V alkaline batteries
- **Battery life** : 3 - 5 years
- **Input (optional)**: 90-240 V_{AC}, 50/60 H_Z external AC adapter

DIMENSIONS

- **Size:** H – 42 mm (1.65 in.), L – 95 mm (3.74 in.), W – 95 mm (3.74 in.)
- **Weight**: 300 g (0.67 lbs.) not including batteries and accessories

ENVIRONMENT

- **Operating ambient temperature range**: 0ºC – +45ºC (+32ºF – +113ºF)
- **Storage ambient temperature**: -10ºC – +60ºC (14ºF – +140ºF)
- **Operating humidity**: Up to 100%
- **Water and dust resistant** – IP54 compliant

COMPLIANCE - Pending

- FCC, UL, IC CE, EN50134, AS4607, SRRC

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 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

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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