Care@Home™
Smoke Detector

ES700SK2
Integrated Smoke Detector

Product

Wireless, integrated, smoke detector for the **Care@Home™** system: It features:

- Photoelectric detection technology
- Standalone operation mode
- Local temperature measurement and the Extreme Temperature Alert
- Support of automatic over-the-air software programming and configuration upgrade (RSU)
- Test/Mute button
- Siren emits a sound of 85 dBA (from 3 m).
- Installation with screws
- Visual indication with tri-color LED where:
    - Red: for smoke alarm
    - Green: for power status
    - Yellow: for low battery/chamber degradation

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 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)
- **Data security**: 32-bit ID, over 4 billion combinations

SECURITY
- Tamper mechanism triggered when detached from base
- Special mechanism to prevent installation without batteries
- **Autonomous alarm** - operation continues even if the control panel is out of service or communication is suspended

POWER SUPPLY
- **Batteries:** Two AA 1.5 V alkaline batteries
- **Battery life**: Up to 2 years

DIMENSIONS
- **Size** (D x H)**:** 135 x 48 mm – 5.32 x 1.89 in. including ceiling/wall mount
- **Weight**: (Including batteries) – 214 g (0.47 lbs.)

ENVIRONMENT
- **Operating ambient temperature range**: -10ºC – 55ºC (14ºF – 131ºF)
- **Storage ambient temperature range**: -20ºC – 70ºC (-4ºF – 158ºF)
- **Operating humidity**: Up to 93% non-condensing

COMPLIANCE
- EN 14604:2005, CE, FCC, IC, UL, cUL
- California Fire Marshall compliance

essence
Better life made possible™