



Care@Home™ Camera Detector



ES700IPD
Camera with Motion Detection

Product

With its advanced technology and ease of installation, this motion detector and camera is the perfect inactivity detection and image capturing device, in any home, for the Care@Home™ system.

It features:

- Photo verification for emergency situations
- Sealed optics immune to external light and insects, as well as optional pet immune lens to reduce false alarms
- Multi-zone spherical lens for exceptional detection coverage (90° horizontal, 105° vertical)
- Extreme temperature detection
- Minimal time between detections: 2 minutes
- Spot detection option
- Installation either by double-sided adhesive tape or with screws

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:
 - 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
- **Detection range:** Up to 12 m (39.4 ft.)

IMAGE CAPTURE

- **Captures color motion:** JPEG photos (up to 5 frames per second)
- **Multi-resolution:** 80x60 to 640x480 VGA color CMOS camera
- **Illumination (at night or low-light conditions):** Auto-activated super bright white LED
- **Diagonal shooting angle:** 67°
- **Camera range:** Up to 10 m (32.8 ft.)

POWER CONSUMPTION

- **Batteries:** 3 AA alkaline batteries
- **Battery life:** Up to 3 years

DIMENSIONS

- **Size:** H – 60mm (2.36in.), L – 123mm (4.84in.), W – 60mm (2.36in.)
- **Weight (including batteries)** 210 g (0.46lbs.)

ENVIRONMENT

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

SPECIAL FEATURES

- 4G DragonFlyEye™ technology
- Temperature compensation for the PIR element
- **Optional:** Pet immune lens
- **Sensor:** Sealed optics for insect immunity
- Optical limiter for spot detection option

COMPLIANCE

- CE, FCC, IC



ESUG05090 Rev. 1.8. For more information, go to: <http://www.essence-grp.com/smart-care>

