Verisure Fast II™
Indoor Photo Detector

ES700IPDE

Camera with Motion Detection

Product

The Indoor Photo Detector seamlessly integrates with the VeriSure family of control panels and other products from Essence Security.

It features:

- The perfect combination of motion detection and image capture functionality
- Full-color JPEG photos sent through the network to monitoring service or user email
- No more false-alarms! – Camera lets you see what actually triggered the alarm.
- Walk through mode when combined with our magnet switch
- Wireless and battery-operated for easy, maintenance-free installation
- Manual shutter to cover the camera for absolute privacy

Smart Security

Smart Security systems provide professional grade security with highly dependable and tailored smart solutions that will increase customer loyalty and satisfaction.

- Modular and expandable
- Lifestyle friendly
- Reliable and high quality
- Home control via mobile applications
- Intuitive experience

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 Security International Ltd.) could void the user's authority to operate the equipment.

Specifications

WIRELESS
- **Bi-directional:** ECOP - Essence proprietary communication protocol
- **Maximum RF range:** Up to 700 m (2296 ft.) – open air
- **Modulation and frequency**: BFSK modulation:
  - 868.3 MHz (in Europe)
  - 916.5 MHz (in North America and Australia)
- **Data security:** 32-bit ID, over 4 billion combinations

SECURITY
- Tamper mechanism
- **Detection range:** Up to 12m (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:** 67º
- **Camera Range:** Up to 10 m (32.8 ft.)

POWER
- **Batteries:** 6 AA-size alkaline batteries
- **Battery life:** Up to 3 years

DIMENSIONS
- **Size:** H – 80 mm (3.15 in.), L – 141 mm (5.55 in.), W – 64 mm (2.52 in.)
- **Weight:** 220 g (0.49 lbs.) and for batteries: 88 g (0.19 lbs.)

ENVIRONMENT
- **Operating ambient temperature range**: -10ºC – +55ºC (+14ºF – +131ºF)
- **Humidity**: Up to 95% non-condensing

SPECIAL FEATURES
- Temperature compensation for the PIR element
- **Optional**: Pet immune lens
- **Sensor:** - Sealed optics for insect immunity
- Optical limiter for spot detection option

COMPLIANCE
- **CE:** CE mark, EMC/EMI according to ETSI EN 301 489-3, ETSI EN 301 489-1, EN 50130-4:1996, EU Directive 1999/5/EC for R&TTE
- **Radio:** ETSI EN 300 220-2, ETSI EN 300 220-1, CEPT/ERC Recommendation 70-03, EN 50131-5-3:2005 + A1:2008
- **Safety**: IEC/EN 60950-1
- **Security & Alarm systems:** EN 50131-1:2006 + A1:2009 Class-II Grade-2, EN 50131-2-2:2008 Class-II Grade-2, EN50131-6:2008 Type-C
- **Environmental Regulation**: RoHS 2002/95/EC
- **Reliability** (Mechanical & Environmental conditions): EN 50130-5:1999 and IEC 60068
- **Manufacturing and Materials Standards**: ISO 9001:2008, ISO 14000

This device complies with FCC Rules Part 15. 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

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Better life made possible™

Certifications and approvals: