



Indoor Photo Detector

ES700IPD

Detect and view events as they happen

Product

The perfect combination of motion detection and image capture functionality. It features:

- A compact, indoor detector and photo verification device
- Once armed, the ES700IPD captures a photo images upon PIR detection
- Can be also triggered by a user request
- Compressed stream of photos are sent via RF to the control unit, and from there to a designated recipient (security service provider, email account, etc.)
- Full-color JPEG photos sent through the network to monitoring service or user email
- Walk through mode when combined with a Magnet Switch
- Wireless and battery-operated for easy, maintenance-free installation

Lifestyle

“Plug-&-Play” state-of-the-art Wireless security system:

- User-friendly
- Utilizes cutting-edge technology
- Bidirectional RF wireless communication
- Battery operated
- Easy to install
- Nonintrusive, state-of-the-art design

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.

WARNING! To comply with FCC RF exposure compliance requirements, the device should be located at a distance of at least 20 cm from all persons during normal operation. The antennas used for this product must not be co-located or operated in conjunction with any other antenna or transmitter.

Specifications

COMMUNICATION:

- Bi-directional: End-to-End Bi-Directional ESI protocol
- Advanced radio supervision algorithm
- Up to 700 meters RF range (open air)
- Modulation and Frequency: BFSK , 868.3 MHz for Europe or 916.5 MHz for USA
- Encoding: 32-bit ID, over 4 billion combinations

SECURITY:

- Unique electronic serial number
- Tamper alarm when tilted

IMAGE CAPTURE:

- Captured full-color JPEG photos (up to 5 frames/second)
- Selectable Quality & Resolution: from 320x240 to 640x480
- Illumination (for image capture in darkness/low-light): Super-bright white LED

CAMERA:

- VGA (640 x 480) pixel color CMOS camera
- Shooting Angle (diagonal): 67°
- Shooting Range: 10m / 32.8 ft. at daylight

POWER:

- Uses 3 standard AA Alkaline batteries,
- Battery life of 3 years
- DC-jack for an optional external power supply

ADDITIONAL INFORMATION:

- Detection Type: Passive Infrared
- Insect Immunity: Sealed Optics
- Pet Immune option

SIZE and WEIGHT:

- Dimensions: 123x60x60 mm / 4.9x2.4x2.4 in. (LxWxD)
- Weight: 160 gr. / 0.35 lb. (batteries: 50 gr. / 0.11 lb.)

ENVIRONMENT:

- Operating Ambient Temperature range: -10°C ~ 55°C / 14°F ~ 131°F
- Humidity: up to 95%, non condensing

CERTIFICATION:

- CE: CE mark, EMC/EMI according to ETSI EN 301 489-4, ETSI EN 301 489-1, EN 50130-4:1996, EU Directive 1999/5/EC for R&TTE
- Radio: ETSI EN 300 220-3, ETSI EN 300 220-1, CEPT/ERC Recommendation 70-03, EN 50131-5-3:2005 + A1:2008
- Safety: EN/IEC60950-1, TUV : UL 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
- Reliability (Mech. & Environmental conditions): EN 50130-5:1999 & IEC 60068

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

Certifications and approvals:



For more information, go to: www.essence-grp.com