

EE-IR-05 Advanced Wireless Passive Infrared (PIR) Occupancy Sensor

Highlights of the EYEPower® EE-IR-05 Wireless PIR include

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| Advanced Wireless RF Technology | Transmission Power for Large Units/Suites |
| Discreet Smoke Detector Design | 360° Coverage Pattern |
| Multi-Color LED Indicator | Jumper-Selectable LED Indication Settings |
| Mounting Flexibility | High Performance Guest Detection |
| Compatible with EERX/EERXS Controller(s) | 1+ Year Battery Life |
| CR123A LiMnO2 Transmitter Batteries | 2 Year Limited Warranty |



Actual Size Not Shown

Product Description

The Energy Eye EE-IR-05 is the next evolution in Passive Infrared Wireless Energy Management System (WEMS) technology. These sensors provide high performance and are designed for the discerning hospitality market with a versatile 360°, 2:1 detection coverage area. Energy Eye has innovation built into this wireless sensor from the outset. By masking the sensor in a proprietary and custom designed casing this device appears to be a smoke detector to the untrained eye. This, first of its kind design, will result in a seamless and discreet installation for superior hotel room appearance.

Wireless RF transmitters use Patent Pending algorithms and Integrated Circuit (IC) based processors to create robust and reliable transmissions even in busy working environments. These sensors have been used in a wide range of applications including apartment buildings, offices and hotels. Over 1,000 sensors have been installed in a single property.

Product Specifications

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| Voltage Input Range | 4.4VDC~6.4VDC |
| Current Draw (sleep mode) | 0.115mA |
| Current Draw (transmit) | 6mA |
| Peak Emissions (@ 3m) | 12.9127µW |
| RF Transmitter | 315 MHz Printed Antenna |
| Transmission Range | 30~100 Feet |
| Transmission Encoding | IC w/4 Billion Combinations |
| Battery Specifications | (2) X LiMnO2 CR123A 1400mAh |
| Recommended Battery | Sanyo/Panasonic/Energizer/Rayovac |
| Calculated Battery Life | 1 Year @ 60 Tx/Hour |
| Dimensions (Diameter X Height) | 4 1/8" x 2" |
| Certifications | FCC Part 15B/Industry Canada RSS 210/FIDE (Mexico) |