OCCUPANCY SENSING MEANS ENERGY SAVINGS

Add smart occupancy-sensing capabilities to your guestroom control system with Honeywell INNCOM Passive Infrared (PIR) Motion Sensors. Wired and wireless radio frequency (RF) models enable seamless connectivity with your INNCOM Energy Management System (EMS), helping you maximize guestroom energy savings.



K594.RF Battery Powered Motion Sensor



K595.RF Battery Powered Motion Sensor



K594W Wall Mounted Motion Sensor



K594C Flush Ceiling-Mounted Motion Sensor



04-1068.MI Recessed Ceiling-Mounted Mini PIR Motion Sensor

KNOW WHEN ROOMS ARE OCCUPIED

INNCOM motion detectors mount on the wall or ceiling to help you sense when a guestroom is occupied, in conjunction with a door contact device, a room controller, and a communication network. These devices are ideal for supplementing your EMS when a guestroom's thermostat has no onboard motion sensor, or when a significant portion of the guestroom or suite is out of range of the thermostat's motion sensor.

Occupancy sensing leads to better management of energy usage, security and lighting scenes. It also extends the service life of equipment for heating, ventilation, and air conditioning, while enhancing the overall operating efficiency of your property – all of which adds up to improved guest satisfaction.

PRECISE DETECTION, EASY INSTALLATION

INNCOM motion sensors have wide detection ranges and are simple to install. Each model is a microprocessor-controlled PIR sensor with a combination of Fresnel and cylindrical lens elements for high sensitivity from 0.5 to 12 meters (1.64 to 40 feet).

Occupant motion is differentiated from other types of motion to ensure that an accurate occupancy reading is achieved.

- Advanced energy management
- Battery-powered model is ideal for retrofits (K594.RF, K595.RF)
- Wireless RF communication (K594.RF, K595.RF)
- Recessed ceiling-mounted model (04-1068.MI) for discreet, low-profile design applications
- Easy, low-cost Installation
- Versatile mounting options – walls, ceilings, or in corners
- Can integrate with INNCOM INNcontrol EMS software via the Deep Mesh Network
- Sensitive detection over a wide range, from 0.5–12 m (1.64–40 ft)
- Low-battery alerts for convenient maintenance

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INNCOM MOTION SENSORS

K594.RF MOTION SENSOR	
PART NUMBER	01-9912-RFWH.P 01-9912-RFBK.P 01-9912-RFLA.P 01-9912-RFXX.P
DIMENSIONS	89 mm H 89 mm W x 64 mm D (3.5 in H x 3.5 in W x 2.5 in D)
RF DATA	250kbps
ANTENNA TYPE	SMT
INDOOR RANGE	21 m (70 ft)
OUTDOOR/RF LINE-OF-SIGHT RANGE	165 m (540 ft)
TRANSMIT POWER	1mW (+0dBm)
RECEIVE SENSITIVITY	-94.6dBm
FREQUENCY BAND	2.4Ghz
ENCRYPTION	AES-128
PROTOCOL	802.15.4
PARAMETER	S541.RF
INPUT VOLTAGE	9 to 16 VDC
CURRENT DRAIN	Max. 9mA @ 12VDC
FCC PART 15B LISTED	

K595.RF	
PART NUMBER	201-595-WHUS.P 201-595-BKUS.P 201-595-LAUS.P 201-595-XXUS.P
DIMENSIONS Mounts in a single US gang box	119mm H x 74mm W x 7.40mm D (4.7 in H x 2.9 in W x .3 in D)
RF DATA	250kbps
ANTENNA TYPE	SMT
INDOOR RANGE	21 m (70 ft)
OUTDOOR/RF LINE-OF-SIGHT RANGE	165 m (540 ft)
TRANSMIT POWER	1mW (+0dBm)
RECIEVE SENSITIVITY	-94.6dBm
FREQUENCY BAND	2.4Ghz
ENCRYPTION	AES-128
PROTOCOL	802.15.4
FREQUENCY CHANNELS	11-26
FCC AND CE MARK	

K594C	
PART NUMBER	04-1068.AEI
DIMENSIONS	25 mm H x 86 mm W (1 in h x 3.4 in w)
INPUT VOLTAGE	8 to 16 VDC
CURRENT DRAIN	Max. 15 mA
LENS DATA	No. of Fresnel beams: 24 No. of curtain beams: 24 + 14 Max. coverage: 11 x 11 m (36 x 36 ft.) 113 degrees
ALARM INDICATION	Relay contact: 28VDC, 0.1A
EVENT COUNTER	Normal response or 2 pulse within 10 seconds
TAMPER CONTACTS	Normally closed, 50 mA resistive/12 VDC
OPERATING TEMPERATURE	-10 degrees C to 55 degrees C (14°F to 131° F)
STORAGE TEMPERATURE	-20 degrees C to 60 degrees C (-4° F to 140° F)

K594W	
PART NUMBER	K04-1067.V
DIMENSIONS	105 mm x 61 mm x 44 mm (4.2 in. x 2.4 in. x 1.7 in.)
INPUT VOLTAGE	9 to 15 VDC
ALARM INDICATION	LED lights for 2.4 seconds
EVENT COUNTER	Selectable, 2 or 4 pulse
TAMPER	Normally-closed (NC) contacts (with cover on) rated for ≤100 mA, 25 VDC, 2.5 W Connect tamper circuit to 24-hour protection circuit
OPERATING TEMPERATURE	0°C to + 49°C (+32°F to + 120°F)
RFI PROTECTION	RFI Immunity

PIR2036.EP	
PART NUMBER	04-1068.MI PIR2036.EP
DIMENSIONS	54 mm H x 40 mm W (2 in H x 1.6 in W)
OPERATION VOLTAGE	8-16VDC, 12VDC Nominal
CURRENT CONSUMPTION	15mA-Typical at 12VDC
LENS DATA	No. of beams: 36 Max. coverage: 8 x 8 m (26 x 26 ft.) 120 degrees
POWER-UP DELAY	2 minutes start-up LED Flash Indication
DETECTION MEDIA	Quad-element Pyro-Sensor
SPECTRAL DETECTION	6-14 uM
SIGNAL PROCESSING	Alternate Polarity Signal Processing
DETECTION RANGE	8m at 25°C
PULSE COUNTING	Single or Dual Polarity for Harsh Environment, Selectable
SENSOR OUTPUT TIME	3 Seconds
SENSOR OUTPUT CONTACT	N.C. or N.O. Relay Dry Contact, Selectable Contact in series with a 10 Ohm current limiting resistor
OUTPUT CONTACT RATING	50VDC/0.5A Maximum
WALK-TEST LED RATING	Starts after Power-up Delay
RELATIVE HUMIDITY	95% Non-condensing
OPERATION TEMPERATURE	10°C to 55°C
WEIGHT	30g net

For more information
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