

**CardAccess**

**InHome™ Wireless  
Motion Sensor**

**Card Access gives your Control4®-automated home “wireless eyes” to see and control what happens—inside and out.**

Whether it's the front porch, the living room, or the backyard, detecting motion and light indoors or outdoors is key to making your automated home more responsive.

Fortunately, there's a new occupancy sensor that does this—all without wires.

Introducing the InHome™ Wireless Motion Sensor from Card Access. With intelligent, software-controlled features to expand Control4®'s home automation possibilities, the InHome Wireless Motion Sensor communicates motion and ambient light events to the Control4 system using an integrated ZigBee™ (802.15.4) radio. Based on room occupancy you can actually trigger and control events throughout the entire Control4 system.



*Sensing motion and light inside and outside the home gives you automation control that responds to body heat and movement, or changes in ambient light levels*



#### **SEAMLESS INTEGRATION WITH YOUR CONTROL4 SYSTEM**

Using PIR technology the InHome Wireless Motion Sensor detects motion or body heat in a room. Monitoring light intensity (lux) allows events to be triggered on light entering a room—enabling intelligent light controls beyond outdoor dawn/dusk detection.

The InHome Wireless Motion Sensor works with all Control4 home controllers and appears in Control4 Composer Projects as a standard motion sensor. Motion sensitivity, occupancy hold time, battery management, and light-level monitoring are all software-controlled. Adjust any settings without opening the motion sensor, changing jumpers or turning little dials.

#### **EASY INSTALLATION FOR EXPANDED AUTOMATION**

Using the included wall-mount swivel bracket, attach the InHome Wireless Motion Sensor to walls or surfaces with an open view of the monitored locations. Use software-controlled occupancy hold times for lifestyle events—like starting music—events that security-oriented motion sensors with fixed hold times just can't do. For example you can automatically turn room lights off after a programmable time period (5sec-60min) of “no motion” being detected. In larger areas requiring greater coverage, you may link two or more InHome Wireless Motion Sensors to act as a single motion sensing device. In this mode “motion” events are communicated to the Control4 system when any of the sensors detect motion and “no motion” events are communicated when all of the sensors report no motion.

#### **ENVIRONMENTALLY FRIENDLY**

Government policy and high energy costs are driving more environmentally-aware home energy usage. When combined with Control4-enabled switches, relays, dimmers, and thermostats, the InHome Wireless Motion Sensor “greens” Control4-automated homes with occupancy-based automation controls.

Control room lighting, climate control and water heating systems to comply with environmental policies, conserve resources, and save money on utilities.

The InHome Wireless Motion Sensor operates for over one year on a standard 9 volt alkaline battery under typical usage and environmental conditions (non-rechargeable lithium batteries will provide even longer operation).

With wireless connectivity and easy installation, the InHome Wireless Motion Sensor is perfect for both new construction or retrofitted homes, adding intelligent, automated features from any home or yard location. The InHome Wireless Motion Sensor extends the benefits and enjoyment of a Control4-automated home. So, when you need your home to know that someone's there—and respond—use the InHome Wireless Motion Sensor from Card Access.

## Specifications

### MODEL NUMBERS

- WMS10 (internal antenna version)
- WMS10-EXT (external antenna version)

### AVAILABLE COLORS

- Off-white

### DIMENSIONS

- 1.8"(D) x 2.5"(W) x 3.4"(H)
- 47.6mm (D) x 63.5mm (W) x 85.7mm (H)

### WEIGHT

- 2.7 oz. (76.5 grams) without batteries
- One (1) 9V alkaline battery average 1.6 oz. (45 grams)

### NETWORKS SUPPORTED

- ZigBee (802.15.4) mesh networking

### DATA RATE

- 250kbps

### FREQUENCY RANGE

- 2.405 – 2.475 GHz

### POWER CONSUMPTION

- 16 mA at 9V fully active
- 1 year or more of battery life from one 9V alkaline battery under typical usage/environmental conditions (a non-rechargeable lithium battery will provide even longer operation)

### TEST MODES AND LED INDICATORS

- Walk Test Mode (Red LED)
- Radio Test Mode (Green LED)

### CONNECTIONS

- None

### POWER

- One (1) 9V alkaline battery (included)

### WIRING REQUIREMENTS

- None

### INTEGRATED FEATURES

- Integrated PIR (Passive Infrared) Motion Detector (LUX)
- Integrated Ambient Light Sensor (~0.1 to 10,000)

### ENVIRONMENTAL

- Operational -20°F to 158°F (-28°C to 70°C)
- Humidity 5% to 95% Non-Condensing
- Storage -20°F to 158°F (-28°C to 70°C)
- Rain Resistant: IP44 (Splash Proof) rated

### REGULATORY / CERTIFICATIONS

- FCC Part 15, B
- RoHS-compliant
- CE
- Control4 Certified

### ANTENNA

- Integrated antenna
- External antenna version for extended range

### CONTROL4 SYSTEM REQUIREMENTS

- Control4 Media Controller or Home Theater Controller
- Control4 Version 1.3.1 or greater

### CONTROL4 SYSTEM INTEGRATION

- Appears in Composer Project as a Motion Sensor.
- Programmable Motion Sensitivity via Composer
- Programmable Motion Occupancy Hold Time (5 seconds to 60 minutes) via Composer
- Programmable Day/Night or Dawn/Dusk detection via Composer
- Exposes programming variables for Motion, Light Level, Battery Level and Day/Night detection

Order the Card Access InHome Wireless Motion Sensor by visiting the Card Access website at [www.cardaccess-inc.com/inhome](http://www.cardaccess-inc.com/inhome).



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