

WIRELESS MOTION SENSOR

Motion, control and automation — inside and outside the Control4® home.

Whether it's the front porch, living room, garage or backyard, detecting motion and light levels indoors or outdoors is key to a more responsive Control4®-automated home.

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

The Card Access™ Wireless Motion Sensor has intelligent, software-controlled features to expand Control4's home automation possibilities. The Wireless Motion Sensor communicates motion and ambient light events to the Control4 system using ZigBee® (IEEE 802.15.4). Based on room occupancy you can trigger and control events throughout the Control4 system.

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

Seamless Integration with your Control4 System

The Card Access Wireless Motion Sensor uses passive infrared (PIR) technology to detect motion in a room. It also monitors light level intensity to trigger events based on lighting level changes. This enables controls beyond outdoor dawn/dusk detection for lighting, window covers, and other devices. The Wireless Motion Sensor 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

The included wall-mount swivel bracket attaches the Wireless Motion Sensor to walls or surfaces of monitored locations. Use software-controlled occupancy hold times for lifestyle events that security-oriented motion sensors with

fixed hold times just can't do, like starting music. Automatically turn room lights off after a programmable time period (5 seconds- 60 minutes) of "no motion" detected. In larger areas requiring greater coverage, "link" two or more Card Access Wireless Motion Sensors to act together as a single motion-sensing device. In this mode motion events are communicated to Control4 systems when any of the sensors detect motion. No motion events are communicated once all of the sensors report no motion.



Environmentally Friendly

Increasing energy costs and government policies are driving more environmentally-aware home energy usage. "Green" up Control4 light switches, dimmers and thermostats by adding motion sensors.

Sensing motion and light provides occupancy-based automation controls. Control room lighting, climate control and water heating systems to comply with environmental policies, conserve resources, and save homeowner's money on utilities.

The Card Access 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). Wireless connectivity and easy installations make the Card Access Wireless Motion Sensor perfect for new construction and retrofitted homes, adding intelligent, automated features for any home or yard location.

Extend the benefits and enjoyment of a Control4-automated home with a system that responds when the homeowner shows up with the Card Access Wireless Motion Sensor.

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Specifications

MODEL NUMBERS

- WMS10-2-ZP
- WMS10-2EXT-ZP (External Antenna Version)

AVAILABLE COLORS

- 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

- Control4 ZigBee PRO mesh networking protocol, based on the IEEE 802.15.4 ZigBee standard

DATA RATE

- 250kbps

FREQUENCY RANGE

- 2.405 - 2.475 GHz

TEST MODES AND LED INDICATORS

- Walk Test Mode (Red LED)

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 nonrechargeable lithium battery will provide even longer operation)

CONNECTIONS

- Motion Sensor Cascade In/Out for linking multiple devices in Composer

POWER SOURCE

- One (1) 9V alkaline battery (included)
- Optional Motion Sensor Power Adapter (Model No: MPA10A, sold separately) for use with any 9-24V AC or DC power source

INTEGRATED FEATURES

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

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

ANTENNA

- Integrated antenna
- External antenna version for extended range available

CONTROL4 SYSTEM REQUIREMENTS

- Control4 Home Controller
- Control4 Version 1.8.0 or greater

CONTROL4 SYSTEM INTEGRATION

- Driver is included in Composer
- Programmable Motion Sensitivity via Composer
- Programmable Motion Occupancy Hold Time (5 seconds to 60 minutes) via Composer
- Programmable Day/Night detection via Composer
- Exposes programming variables for Motion, Light Level, Battery Level and Day/Night detection

Order the Card Access Wireless Motion Sensor by visiting the Card Access website at:

www.cardaccess-inc.com/automation



Card Access, Inc.
11778 S. Election Road, Suite 260
Salt Lake City, Utah 84020
Tel: + 801.748.4900
Fax: + 801.748.4901
www.cardaccess-inc.com/automation