Control4® Wireless Motion Sensors

Control4® ZCA-WMS10-2-ZP Wireless Motion Sensor
Control4® ZCA-WMS10-2EXT-ZP Wireless Motion Sensor (External Antenna)
Control4® ZCA-WMS10-2L-ZP Wireless Motion Sensor-Line Powered
Control4® ZCA-WMS10-C-ZP Wireless Motion Sensor (Ceiling Mount)
Control4® ZCA-WMS10-CL-ZP Wireless Motion Sensor (Ceiling Mount, Line Powered)

Whether it's the front porch, living room, garage, or back yard, detecting motion and light levels is key to a more responsive automated home. Fortunately, there are sensors that do this—all without wires. Control4 wireless motion sensors have intelligent, software-controlled features to expand your home automation possibilities.

Wireless motion sensors use passive infrared (PIR) technology to detect motion in a room. They also monitor light level intensity to trigger events based on lighting level changes. These abilities enable controls beyond outdoor dawn/dusk detection for lighting, window covers, and other devices. 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.

Two easy-to install motion sensors, a ceiling-mount and wall-mount version, are available to meet any application. 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 (from five seconds to 60 minutes) of "no motion" detected. In larger areas requiring greater coverage, "link" two or more wireless motion sensors to act together as a single motion-sensing device. In this mode, motion events are communicated to the Control4 system when any of the sensors detect motion. No motion events are communicated when all of the sensors report no motion.

"Green" up automated light switches, dimmers, and thermostats by adding motion sensors. Sensing motion and light allows for occupancy-based automation controls. Control room lighting, climate control, and water heating systems to comply with environmental policies, conserve resources, and save the homeowner money on utilities.
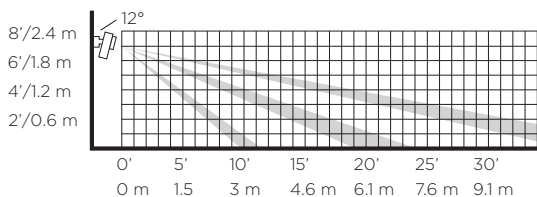
Wireless motion sensors operate for over one year on a standard 9V alkaline battery under typical usage and environmental conditions (non-rechargeable lithium batteries will provide even longer operation). The device can be line powered for maintenance-free operation. Wireless connectivity and easy installations make this 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 home with the increased occupancy-aware responsiveness that motion sensors provide.

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Control4® ZCA-WMS10-2-ZP, ZCA-WMS10-2EXT-ZP, ZCA-WMS10-2L-ZP, ZCA-WMS10-C-ZP, ZCA-WMS10-CL-ZP

Model number	Control4® ZCA-WMS10-2-ZP Wireless Motion Sensor Control4® ZCA-WMS10-2EXT-ZP Wireless Motion Sensor (External Antenna) Control4® ZCA-WMS10-2L-ZP Wireless Motion Sensor-Line Powered Control4® ZCA-WMS10-C-ZP Wireless Motion Sensor (Ceiling Mount) Control4® ZCA-WMS10-CL-ZP Wireless Motion Sensor (Ceiling Mount, Line Powered)
Control4 system requirements	• Control4 OS 1.8.x and 2.0.x or greater
Control4 system integration	• Driver is included in Composer • Programmable motion sensitivity via Composer Pro • Programmable motion occupancy hold time (5 seconds to 60 minutes) via Composer Pro • Programmable day/night detection via Composer Pro • Exposes programming variables for motion, light level, battery level, and day/night detection • Motion sensor cascade in/out for linking multiple devices in Composer Pro
Power consumption / power source	• 16mA at 9V fully active • One 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) • One 9V alkaline battery (included) • Optional Motion Sensor Power Adapter (Model no. MPA10A, sold separately) for use with any 9-24VAC or DC power source
Integrated features	• Integrated PIR (passive infrared) motion detector • Integrated ambient light sensor (-0.1 to 10,000 lux)
Frequency range	2.405 – 2.475 GHz
Networks supported	Control4 ZigBee PRO mesh networking protocol, based on the IEEE 802.15.4 ZigBee standard
Environmental	
Humidity	5% to 95% non-condensing
Storage temperature	-20°F to 158°F (-28°C to 70°C)
Operational temperature	-20°F to 158°F (-28°C to 70°C)
Rain resistance	IP44 (splash proof) rated
Miscellaneous	
Dimensions	Wall-mount version: 1.8 × 2.5 × 3.4 in (48 × 64 × 86 mm) Ceiling-mount version: 5.25 in (133 mm) diameter
Weight	Wall-mount version: 2.7 oz. (76.5 g) without battery Ceiling-mount version: 3.5 oz. (100 g) without battery
Regulatory	CE, FCC Part 15 Class B, RoHS compliant
Test modes and LED indicators	Walk test mode (red LED)
Available colors	White

MOST RECENT VERSION

ctrl4.co/wirelessmotion-ds

INSTALLATION GUIDE

ctrl4.co/wirelessmotion-ig

Wall-mount coverage

8'/2.4 m
6'/1.8 m
4'/1.2 m
2'/0.6 m

12°

0'	5'	10'	15'	20'	25'	30'
0 m	1.5	3 m	4.6 m	6.1 m	7.6 m	9.1 m

Ceiling-mount coverage

9'/2.75m
13.4'/4.06m
96°
20'/6.1m
30'/9.1m

ISOMETRIC VIEW

Control4