

Control4® Wireless Contact Sensor



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ZCA-WCS10A (Internal Antenna)

ZCA-WCS10B (External Antenna)

Whether it's a garage door, a back gate, or a swimming pool cover, sometimes there's just no good way to get a wire where you need it when installing a contact sensor in a Control4-automated home. Fortunately, there's a proven solution that eliminates the wire—it's the Control4 Wireless Contact Sensor. This great solution combines the features of contact sensors and temperature sensors into a single, small device. Packed with intelligent features, the Wireless Contact Sensor expands Control4 home automation possibilities—monitoring doors, gates, windows and temperature in locations either inside or outside the home. And all without the wire.

Seamless Integration with your Control4 system—Using the ZigBee® Pro (IEEE 802.15.4) protocol, the Wireless Contact Sensor has an on-board magnetic contact sensor and temperature sensor which easily integrates into a Control4 system. You can use any standard magnet or order one directly from Control4 to trigger the on-board sensor. You can also use your own external dry contact sensors, wired motion sensors or other sensors.

Monitor doors, windows, garages, gates, and more—All without the wire. With a built-in thermistor, and an optional second external thermistor, the Wireless Contact Sensor also adds remote temperature sensing capabilities to Control4 home automation systems. Simply connect the lead wires from your favorite switches or sensors to the Wireless Contact Sensor and you'll give homeowners additional automation features and extend control to the most remote of locations inside or outside the home.

All functions appear in Control4 Composer Projects as three contact inputs—This means you can actually trigger and control events throughout the Control4 system based on the open or closed state of a door or window, or when a particular temperature event occurs. The Wireless Contact Sensor operates for over one year on two standard "AA" 1.5V alkaline batteries. And if you have a low voltage power source available, it can be used to eliminate the need for batteries all together. There's also an optional external power supply.

Ideal for new construction and retrofits—With its wireless connectivity and ease of installation, the Wireless Contact Sensor is perfect for any home, whether it's brand new or on the National Historical Registry. From the darkest corner of the basement to the edge of the yard, the Wireless Contact Sensor adds intelligent, automated features to just about any contact sensor you can imagine, extending the benefits and enjoyment of a Control4-automated home. So, when running a wire just isn't practical—or possible—tap into the Wireless Contact Sensor from Control4.

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Model number	ZCA-WCS10A (Internal Antenna) ZCA-WCS10B (External Antenna)
System requirements	
Control4 OS system requirements	OS version 1.8 or greater
Control4 system integration	Each installed Wireless Contact Sensor adds three sensor input bindings to Composer projects
Driver	The Wireless Contact Sensor driver is available in Composer Online Driver Database
Communication	
Networks supported	Control4 ZigBee Pro mesh networking protocol, based on the IEEE 802.15.4 ZigBee standard
ZigBee data rate	250 kbps
ZigBee frequency range	2.405 – 2.475 GHz
Connections	
Contact sensor input	2 inputs, accepts AWG 16-28, common ground connection Requires wired contact sensors, sold separately
External Thermistor	1 thermistor input, sold separately
Integrated features	
Integrated reed switch	Internal magnetic contact sensor Requires external magnet, sold separately
Integrated internal thermistor	Internal thermistor can be used for local temperature sensing
Power	
Power consumption	24mA at 12V, fully active
External low-voltage power supply (optional)	AC/DC 9-24V (optional 12V DC power supply sold separately)
Battery operation	2 "AA" 1.5V alkaline batteries (included) or non-rechargeable lithium ion batteries
Battery life	1 year or more from two "AA" 1.5V alkaline batteries under typical usage/environmental conditions Non-rechargeable lithium ion batteries will provide greater battery life
Other	
Available colors	White (water-based paintable enclosure)
Dimensions (L x W x H)	3.1" (78.7 mm) x 2.6" (65.7 mm) x 1.05" (26.6 mm)
Weight	2.5 oz. (70.9 grams) without batteries
Environmental	Operational -20°F - 158°F (-28°C - 70°C) Humidity 5% to 95% non-condensing Storage -20°F - 158°F (-28°C - 70°C)
Regulatory / certifications	FCC Part 15, B; FCC Part 15, C RoHS-compliant CE
Accessories	
North American 12V DC Power Supply	ZCA-NEPIOC
External Thermistor	ZCA-EXTIOA

For more the latest version of this document, visit ctrl4.co/wirelesscontact-ds



Wireless Contact Sensor Installation Guide, visit ctrl4.co/wirelesscontact-ig



For more information on Control4 ZigBee networking accessories, visit ctrl4.co/zigbeenetworking

