Monitor doors, windows, garages, gates, and more. All without the wire.

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 Card Access™ 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 Card Access 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 Card Access to trigger the on-board sensor. You can also use your own external dry contact sensors, wired motion sensors or other sensors.

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 (2) 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 Card Access 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 Card Access.
Specifications

**MODEL NUMBERS**
- WCS10A-2-ZP
- WCS10B-2-ZP (External Antenna Version)

**AVAILABLE COLORS**
- White (water-based paintable enclosure)

**DIMENSIONS**
- 1.05” (D) x 3.1” (W) x 2.6” (H)
- 26.6mm (D) x 78.7mm (W) x 65.7mm (H)

**WEIGHT**
- 2.5 oz. (70.9 grams) without batteries
- Two (2) AA 1.5V alkaline batteries average 1.8 oz. (51 grams) per pair

**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

**POWER CONSUMPTION**
- 24 mA at 12V fully active
- 1 year or more of battery life from two AA 1.5V alkaline batteries under typical usage/environmental conditions. Nonrechargeable lithium batteries will provide even longer operation.

**CONNECTIONS**
- Contact Sensor 1 & 2 (accept AWG 16-28 wiring)
- External Thermistor (sold separately)
- Common Ground
- AC/DC 9-24V for optional low voltage-powered operation

**POWER SOURCE**
- Two (2) AA 1.5V alkaline batteries (included) or non-rechargeable lithium ion batteries
- Remote AC/DC 9-24V power supply for low voltage operation (Optional 12V DC power supply sold separately)

**INTEGRATED FEATURES**
- Two (2) Dry Contact Sensor Inputs. Requires wired contact sensors (sold separately)
- Integrated Reed Switch (magnetic contact)
- Integrated Internal Thermistor for temperature sensing
- External Thermistor Input. Requires an External Thermistor (sold separately)

**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)

**REGULATORY / CERTIFICATIONS**
- FCC Part 15, B
- RoHS-compliant
- CE

**CONTROL4 SYSTEM REQUIREMENTS**
- Control4 Home Controller
- Control4 Version 1.8.0 or greater

**CONTROL4 SYSTEM INTEGRATION**
- Driver is included in Composer
- Provides bindings for up to three (3) sensor inputs
- Exposes programming for Contact Sensor and Temperature States, and Battery Low/Critical

**OPTIONAL ACCESSORIES AVAILABLE FROM CARD ACCESS**
- North American 12V DC Power Supply (NEP10C)
- External Flange Mount Contact Magnet (ECM10A)
- External Thermistor (EXT10A)

Order the Card Access Wireless Contact Sensor and accessories by visiting the Card Access website at: www.cardaccess-inc.com/automation