

Installation + Control4 Integration in the Automated Home



The Original Leak Protection and Automatic Shutoff System.



WaterCop® Pro utilizes an automated valve and a network of addressable leak sensors to protect your property from catastrophic water damage. Our advanced technology integrates with most third-party monitoring and security systems making it the perfect choice for modern multi-family, condominium, residential, or commercial properties. WaterCop provides round-the-clock protection delivering true peace of mind.

The following instructions are intended to help the associates of Control4 Dealers install and configure the WaterCop actuator providing automated control and a visual representation of the WaterCop actuator (i.e., valve).

The proven leader in household leak protection:

is there when you're not.



Requirements:

The following are needed to give a Control4 system control and real-time state updates:

- WaterCop with RJ45 jack
- WaterCop ball valve to fit the customer's existing supply line pipe installed by a plumber
- Single gang electrical outlet installed by an electrician near the location of the WaterCop
- Card Access wireless relay
- Card Access wireless contact switch to provide a visual representation in the Control4 app (optional)

Controlling the WaterCop Valve:

Relay

The Relay is the device that instructs the valve to open and close.

Wiring

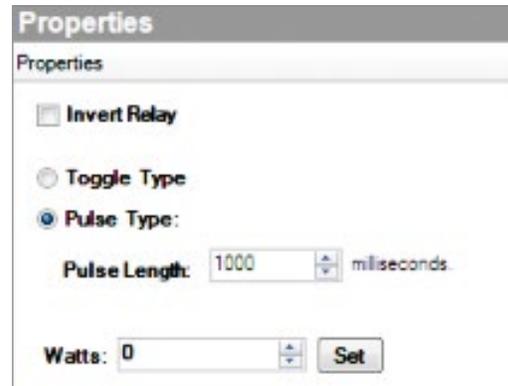
Attach the following CAT wires (B spec) to the Card Access relay screw terminals.

1. GR to pin 1
2. BR/WH to pin 2
3. Jump pin 2 to pin 3

4. BL/WH to pin 4
5. Power adapter leads to – and +
6. Jump – to – on Contact Sensor
7. Jump + to + on Contact Sensor

Control4 Drivers

1. Add Card Access Wireless Contact Relay (i.e. WCS10-R) driver to a room hidden from the navigators
2. Add a Relay driver (MyDrivers/Motorization) to a room hidden from the navigators named “Open”
3. Add a second Relay driver to the same room named “Close”
4. Configure both of them like the following:



5. Connect the Relays to the Card Access piece (Figure 1):
6. Refresh navigator (i.e., Shift F5)

At this point, you should have control over the WaterCop valve.

Figure 1

Name	Type	Connection	Input/Output	Connected To
Control Outputs				
SPST Relay Port 1	Control	RELAY	Output	Open->Relay
SPST Relay Port 2	Control	RELAY	Output	Close->Relay
Internal Magnetic Contact	Control	CONTACT_SENSOR	Output	

RELAY Input Devices			
Device	Name	Location	Connections
Open	Relay	Room	InHome Wireless Contact Relay->SPST Relay Port 1
Close	Relay	Room	InHome Wireless Contact Relay->SPST Relay Port 2

Displaying the State of the Valve:

Contact Sensor

The Contact Sensor is the device that provides the current state of the valve to the Control4 system.

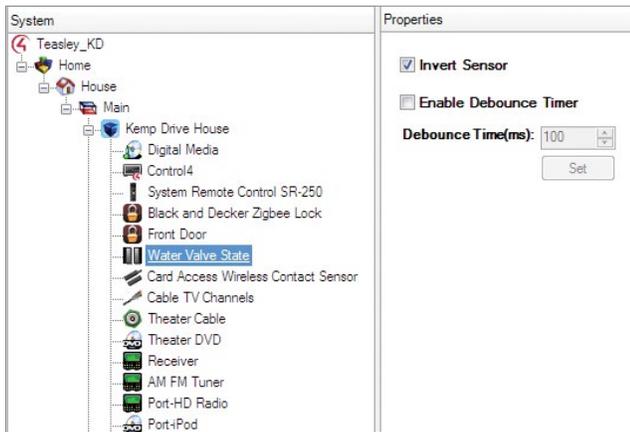
Wiring

Attach the following CAT wires (B spec) to the Card Access relay screw terminals:

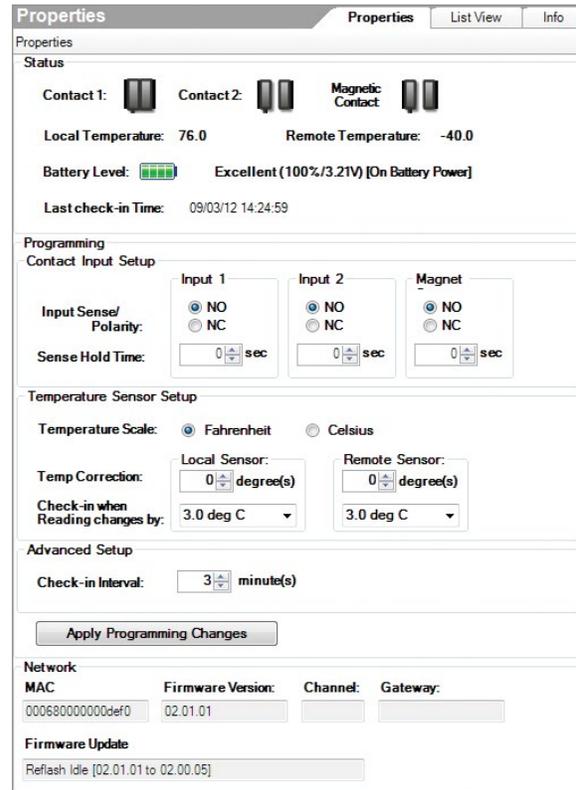
1. OR to pin 1
2. GR/WN to pin 2
3. BL to pin 3
4. Jump – to – on Relay
5. Jump + to + on Relay

Control4 Drivers

1. Add a Contact Switch (MyDrivers/Sensors) to a room not hidden from the navigators with the following settings – INVERT SENSOR??? NO, DO NOT INVERT SENSOR like shown below:



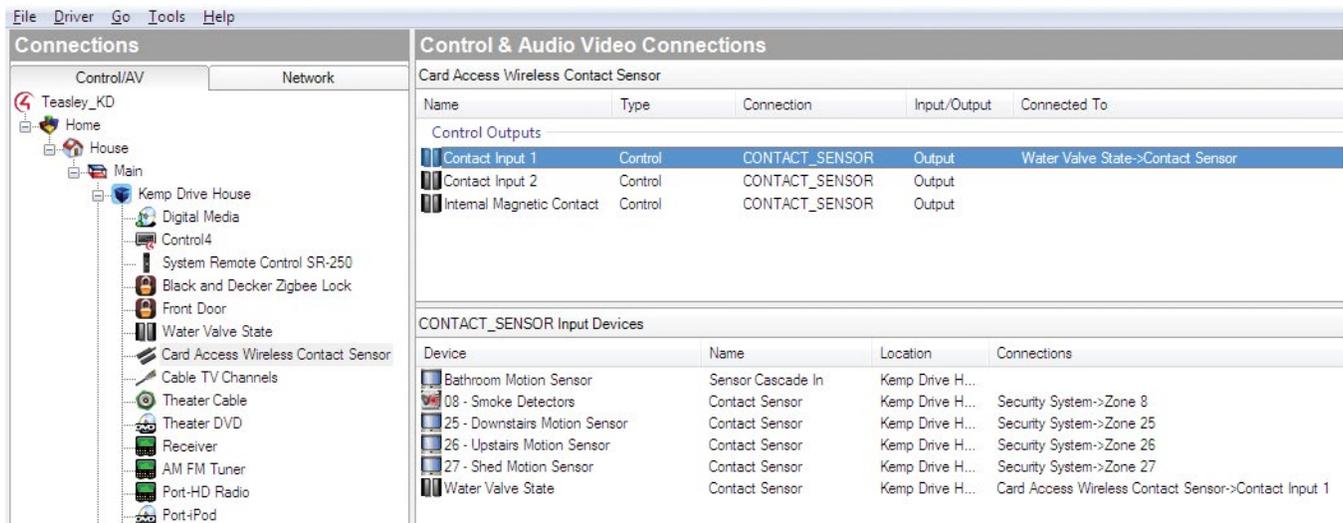
2. Add a Card Access Wireless Contact Sensor (MyDrivers/Sensors) to a room not hidden from the navigators with the settings below:



3. Connect the two as shown below (Figure 2):
4. Refresh navigator (i.e., Shift F5)

At this point, you should have control over the WaterCop valve, and be able to see it in the navigators with the proper state representation.

Figure 2



To order or for additional information, visit

or call 800-545-3636.