

SMCDW30-Z Door Window Sensor

1 Models

This guide covers the following model:

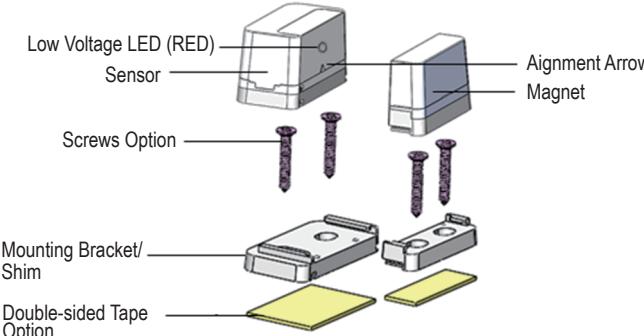
- SMCDW30-Z

2 Part Lists

The package contents include:

- Door-Window Sensor
- Mounting Bracket / Shim x 2
- Sensor Magnet
- Mounting Screws x 5
- CR2 Battery
- Wall Anchors x 5
- Double-Sided Tape x 2
- This Guide

3 Key Components

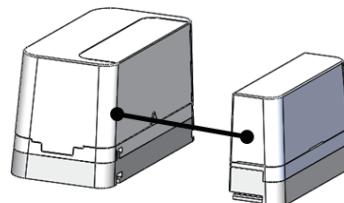


4 Mounting

- Do not physically mount the sensor until it has been paired with the system.
- Do not mount the sensor directly on or near metal framing or other large metallic objects, which can weaken transmitted radio signal.
- Place the sensor indoors and away from sources of water / moisture and other extreme weather conditions.
- Always mount the sensor portion of the product to fixed location of the door or window.
- Stacking spacers provided can be used to elevate the magnet to be closer to the sensor.

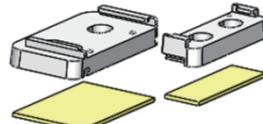
Identify the installation locations on the door or window.

Step A. Orient the sensor and magnet so the alignment arrows face each other when the door or window is closed. The gap between the sensor and the magnet should be greater than 1 inch and less than 1.5 inches.



Step B. Choose to mount with either double-sided tape or screws:

Double-sided tape:



1. Clean the surface where the sensor will be mounted, as dust and particles can reduce the adhesion of double-sided mounting tape you will use to mount the sensor.
2. Peel and attach the double-sided tape to the back of the sensor mounting bracket / shim and magnet bracket / shim.
3. Adhere to the wall, door, or window frame.
4. Slide the sensor and magnet into the bracket / shim.

Screws:



1. Use the supplied wall anchors and screw set to secure the mounting bracket / shim to the wall, door or window frame.
2. Slide sensor and magnet into the bracket / shim.

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Step C. Adding the Sensor to Touchscreen / Gateway.

1. At the Home screen, touch the Settings widget.
2. At the Keypad screen, touch the numbers to enter your keypad code.
3. At the Settings menu, use the keypad to enter the Installer Code (this code is the same for all Touch screen / Gateway products installed by your company).
4. At the Technician keyboard pad, enter your Technician ID and touch Done.
5. At the Technician Settings menu, select Sensors & Zones > Add a Sensor / Zone.
6. At the Add a sensor screen, use the arrow buttons to select the number of sensors you want to add.
7. Click Next. The Locating Sensors screen appears and the system scans the premises for wireless sensors that can be added. These sensors must be defaulted and not currently paired with another Touchscreen / Gateway device.
8. Follow the system prompts to complete the add process.

If no available sensors are found or fewer are found than expected:

1. Touch Cancel Sensor / Zone Add to return to the Technician Settings menu.
2. Touch Back to return to the Add a Sensor screen.

3. Check the signal strength between the sensor and Touchscreen / Gateway (see “Test Signal Strength.”)
4. If you encounter a problem, see “Troubleshooting.”

5 Testing Signal Strength

After adding the sensor to the Touchscreen / Gateway, test the signal strength between the Touchscreen / Gateway and its added sensors / security zones:

1. Perform steps 1 through 4 under “Adding the Sensor to Touchscreen / Gateway.”
2. At the Technician Settings menu, select Sensors & Zones > Sensor Diagnostics.
3. When the installed sensors / security zones appear, touch the zone you want to test for connectivity and follow the instructions from the Touchscreen / Gateway. The Sensor Diagnostic for <Security Zone name> appears as the system detects the current signal strength between the selected sensor and the Touchscreen / Gateway.

6 Viewing Event History

1. Touch the Security widget on the Home screen.
2. At the Dashboard, touch the History tab. The Zone Event History shows the event history

	Open/Closed window
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Icons	Meaning
	Open/Closed doorway
	Open/Closed window

7 Disabling Zones

The Touchscreen / Gateway system can bypass a zone, so the zone is not monitored when the system is armed. This is useful when a sensor is being repaired. You can only change the Bypass state of a zone when the system is disarmed. The system continues to log the activity of bypassed zones in the Event History (see “Viewing Event History.”).

1. With the system disarmed, touch the Security icon on the Home screen.
2. At the Dashboard screen, touch the Bypass button for the zone to be bypassed. The Bypass button of the zone shows it is bypassed.

If the system is disarmed, the Security Status header notes that some zones are bypassed.

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8 Deleting a Sensor

Deleting a sensor from the premises removes it from being monitored by the customer's Touchscreen / Gateway system. This is not the same as disabling (bypassing) a sensor. Delete a sensor only if it is being de-installed from the Touchscreen / Gateway premises or to reset it to factory default settings by deleting the sensor and re-adding it immediately.

To delete a sensor from the Touchscreen / Gateway system:

1. Perform steps 1 through 4 under "Adding the Sensor to Touchscreen / Gateway".
2. At the Technician Settings menu, select Sensors & Zones > Delete a Sensor / Zone.
3. At the Premise Passphrase keyboard, retrieve the Premise Passphrase for the current Touchscreen / Gateway (the Premise Passphrase is unique to the current Touchscreen / Gateway and was generated upon Activation):
 - Login to the Management Portal via the Internet.
 - At the Dashboard, use the Start a Customer Search tool to search for the current customer's account.
 - When the Customer Search Results screen appears, find the customer in the listed query results and click the customer's Account Number. The Account Details of the current customer appears.
4. Find the section Touchscreen / Gateway Premise Pass Phrase.

5. At the Premise Passphrase for the current Touchscreen / Gateway, enter Premise Passphrase and click Done. The currently installed sensors / security zones appear.
6. Touch the zone you want to delete, and then follow the instructions provided by the Touchscreen / Gateway to delete the sensor and security zone from the current Touchscreen / Gateway system.

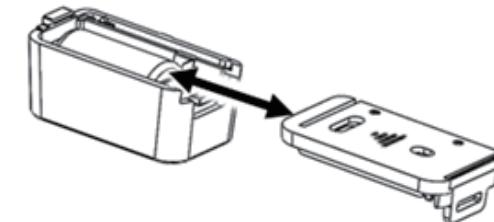
9 Factory Reset

1. When the sensor is removed from its packaging for the first time, it is in factory reset / default mode. When you install the battery, the sensor searches for a Touchscreen / Gateway which it can pair.
2. To reset a sensor that has already been added to a Touchscreen / Gateway and place it in Search mode, delete it from the Touchscreen / Gateway.
3. To force the sensor into factory reset / default mode:
 - Find the locking mechanism on the bottom of the sensor. Push down on the back plate of the sensor and slide it out.
 - Remove the battery.
 - While pressing and holding the tamper switch, insert the battery into the sensor, with the positive (+) end, matching the product marking.
 - The pairing LED should flash.
 - Release the tamper switch once the pairing LED flashes. The sensor is now defaulted. If you are not pairing to the system, remove the battery.
 - Replace the sensor back plate.

10 Battery Installation

A new sensor comes with a preinstalled battery (CR2 Lithium Battery, DC 3V) with a quick-pull tab for easy activation.

1. Find the locking mechanism on the bottom of the sensor.
2. Push down on the back plate of the sensor and slide out the plate.



3. Insert the CR2 battery into the sensor, with the positive (+) end matching the product marking.
4. Replace the sensor back plate.

11 Troubleshooting

If you encounter a problem with the sensor:

- Be sure the product has been installed according to the recommended guidelines found in this guide.
- If pairing to the system, confirm that the sensor has been first defaulted, and then confirm that the device is paired to system.
- Verify that a new battery has been installed properly (see "Battery Installation").
- Confirm the low voltage indicator is not lit on the side sensor.

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12 ETL Logo and Standard Information



Intertek
5000954

CONFORMS TO ANSI / UL STD. 634 and 60950-1
CERTIFIED TO ULC SUBJECT C634 and CAN / CSA
STD. C22.2 No. 60950-1

13 Compliances

FCC ID: HED-HWS65051DW
IC: 3857A-HWS65051DW

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

"This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation."

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CAUTION:

1. To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons.
2. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter "

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is needed.
- Consult the dealer or an experienced radio/TV technician for help.

14 Contact

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Irvine, CA 92618

1-800-SMC-4YOU
24/7 Technical Support

With over 40 years of experience, SMC Networks is a leading equipment provider in gateway and home security customer premises equipment for Service Providers in North America and internationally. Visit us at: na.smc.com