

Battery Installation & Replacement

If a sensor battery is low, a low battery notification will be indicated on the 2GIG Alarm Control Panel's screen. When the 2GIG alarm system indicates that there is a sensor with a low battery, replace the battery immediately. Use only the recommended replacement batteries (see **Specifications**). To install or replace the battery, do the following:

- To remove the sensor cover, use your finger to press the tab on the end of the case. This will disengage the clip holding the cover to the base.
- Place a small flathead screwdriver in the slot between the metal clip (see **Figure 3**) and the battery and twist the screwdriver slightly while holding back one of the black plastic edges holding the battery.
- Insert the replacement battery with the + sign facing out (see **Figure 3**).
- Verify programming and RF communication with the panel (see **Signal Testing**).

WARNING! The polarity of the battery must be observed, as shown (see **Figure 3**). Improper handling of lithium batteries may result in heat generation, explosion or fire, which may lead to personal injuries. Replace only with the same or equivalent type of battery as recommended by the manufacturer (see **Specifications**).

Batteries must not be recharged, disassembled or disposed of in fire. Disposal of used batteries must be made in accordance with the waste recovery and recycling regulations in your area. Keep away from small children. If batteries are swallowed, promptly see a doctor.

Specifications

Wireless Signal Range	TBD
Code Outputs	Alarm; Alarm Restore; External Alarm; External Restore; Tamper; Tamper Restore; Supervisory; Low Battery
Transmitter Frequency	902MHz - 928MHz
Supervisory Interval	70 minutes
External Input Sampling Current	TBD
External Input	Accepts N/C or N/O dry contact devices
Reed Switch Magnetic Sensitivity	10 to 20 amp turns
Reed Sensitivity	0.625 in. (1.59 cm) minimum gap, 0.85 in. (2.16 cm) typical
Magnet Type	Rare earth
Magnet Dimensions (LxWxH)	TBD
Sensor Dimensions (LxWxH)	TBD
Weight (including battery & magnet)	1.1 oz. (31.2 g)
Housing Material	ABS plastic
Color	White
Operating Temperature	32° to 120°F (0° to 49°C)
Relative Humidity	5-95% Non-Condensing
Battery (included)	TBD
Regulatory Listing(s)	ETL, FCC Part 15, Industry Canada
Warranty*	Two (2) years
Included Accessories	Two (2) Phillip's flat-head screws, one (1) two-pin connector with a 12" flying 2-wire lead, adhesive strip

Regulatory Information

We, Nice North America, LLC of 5919 Sea Otter Place STE 100, Carlsbad, CA 92010, declare under our sole responsibility that the device, 2GIG-DW10E-345 complies with Part 15 of the FCC rules.

FCC & IC Notice

This device complies with Part 15 of the FCC Rules and Industry Canada license exempt standard(s). Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference

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:

- l'appareil ne doit pas produire de brouillage, et
- l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This Class B digital apparatus complies with Canadian ICES-003

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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

FCC:

Federal Communication Commission (FCC) Radiation Exposure Statement: When using the product, maintain a distance of 20cm from the body to ensure compliance with RF exposure requirements.

IC:

Radiation Exposure Statement: This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

WARNING: Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Limited Warranty

This Nice North America LLC product is warranted against defects in material and workmanship for two (2) years. This warranty extends only to wholesale customers who buy direct from Nice North America LLC or through Nice North America LLC's normal distribution channels. Nice North America LLC does not warrant this product to consumers. Consumers should inquire from their selling dealer as to the nature of the dealer's warranty, if any.

There are no obligations or liabilities on the part of Nice North America LLC for consequential damages arising out of or in connection with use or performance of this product or other indirect damages, with respect to loss of property, revenue, or profit, or cost of removal, installation, or reinstallation. All implied warranties for functionality, are valid only until the warranty expires. This Nice North America LLC Warranty is in lieu of all other warranties expressed or implied.



Customer Service

(800) 421-1587
M – F, 8am – 7pm EST

Nice North America LLC

5919 Sea Otter Place, Suite 100
Carlsbad, CA 92010

Niceforyou.com

©2023 Nice North America LLC. 2GIG is a registered trademark of Nice North America LLC. All rights reserved.



2GIG

2GIG-DW10E-900

a Nice brand

Thin Door/Window Contact

OPERATING INSTRUCTIONS

The 2GIG-DW10E-900 is an indoor Door/Window Contact that can be installed on doors, windows, and many other objects that open and close. The sensor transmits signals to the control panel when a magnet mounted near the sensor is moved away from or closer to the sensor. The sensor has an external input that accepts N/C dry contact devices. The sensor is also equipped with a cover tamper for additional security.

Installation & Mounting Guidelines

Use the following guidelines for internal switch usage:

- Mount the sensor on the door frame and the magnet on the door. If the sensor is used on double doors, mount the sensor on the least-used door and the magnet on the most-used door.
- If possible, locate sensors within TBD ft. (TBD m) of the panel.
- Make sure the alignment arrow on the magnet points to the alignment mark on the sensor (see **Figure 1**).
- Place sensors at least 4.7 in. (12 cm) above the floor to avoid damaging them.
- Avoid mounting sensors in areas where they will be exposed to moisture or where the sensor operating temperature range of 32 to 120°F (0 to 49°C) will be exceeded.
- Use spacers (included) to align the magnet with the sensor.
- Avoid mounting sensors in areas with a large quantity of metal or electrical wiring, such as a furnace or utility room.

To mount the sensor, do the following:

- Place the base of the sensor in the desired location and secure with included screws (see **Figure 2**).
- When mounting the magnet, line up the arrow on the magnet with the middle line on one side of the sensor (see **Figure 1**). Mount the magnet no more than 0.4 in. (1 cm) away from the sensor. Be sure to secure the magnet with adhesive.

To use the external input:

- Repeat above instructions for mounting.
- Drill hole through access hole, if needed (see **Figure 2**).
- Wire external contact wires into sensor terminal block (see **Figure 3**).
- Connect wire to N/C or N/O dry contact device.

Programming

The following steps describe general guidelines for programming (learning) the sensor into the alarm control panel memory. For more details, refer to the *2GIG EDGE Installation & Programming Instructions*.

- To remove the sensor cover, use your finger to press the tab on the end of the case. This will disengage the clip holding the cover to the base.
- Put the panel in sensor Learn mode.
- Pull battery tab from the Detector to start auto-learn. If Detector is already powered up, remove it from the base plate then press and hold the Learn button for 3 seconds until red LED starts to flash.
- Once pairing is successful, the Detector LED will long flash red one time, turn off and then exit pairing mode.
- Re-attach the sensor back cover.

NOTE: After entering the mode, pairing mode expires automatically after 1 minute.

RF Testing

Before mounting the sensor, verify that the sensor mounting location provides good RF communication to the panel. To verify, follow these steps to place the sensor in signal test mode:

- Press the learn button twice.
- Observe LED flashing.
Good signal: One long flash
Poor signal: Two quick blinks
- The sensor exits signal test mode automatically afterward.

Installation Testing

After mounting the sensor and magnet, verify the installation with the following:

- Press the learn button 5 times in 3 seconds.
- The LED will blink once, indicating that it has entered test mode.
- Open the window/door to trigger an event.
- If the sensor detects an event, the LED should flash for 1 second.
- Test mode continues for one minute or until the button is pressed. The LED will blink twice to indicate that it is exiting test mode.

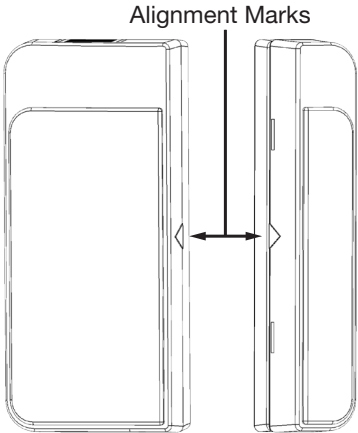


Figure 1

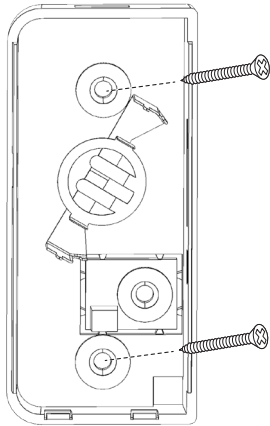


Figure 2

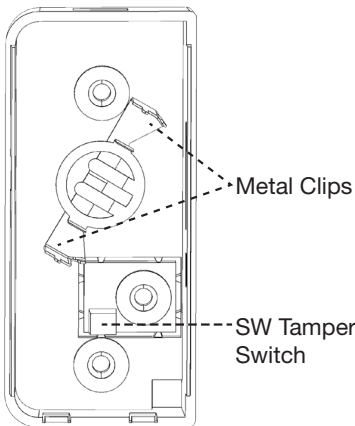


Figure 3