

## Introduction

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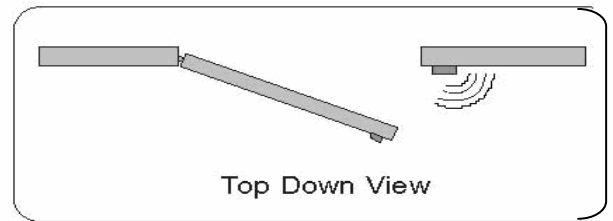
Congratulations on your purchase of the XANBOO homesight™ Wireless Door/Window Sensor. The Door/Window Sensor uses a magnetic field to enable you to monitor the opening or closing of a door, window, cabinet, or whatever else needs to be checked for movement. This Quick Start Guide describes how to set up and troubleshoot your Door/Window Sensor.

## Controlling Your Sensor

Using your computer and the Wireless System Controller, you locally manage your home environment with the XANBOO homesight software. When configured, the system can notify you of any new events by sending an e-mail when your Door/Window Sensor detects an event. An event is defined as the opening or closing of a door/window/cabinet, etc.

## How It Works

The sensor monitors the status of the magnetic contact. When a change is detected with an opening or closing of a monitored door or window, the sensor sends a notice of the event to your Wireless System Controller, if enabled in Event Setup. The example shows a Door/Window Sensor that has been triggered when the door opens.



## Installation Overview

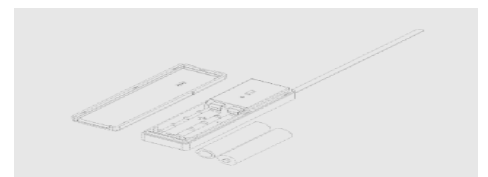
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Your package contains the following:



Installing your sensor is a simple process.

1. Insert the batteries. On the bottom of the sensor, slide open the door and insert two AAA alkaline batteries. The back of the battery door of the sensor indicates the polarity (+ and -) of the batteries. Close the door after inserting batteries.

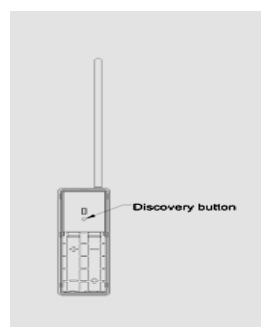


2. Register your sensor with your Wireless System Controller using a process called Discovery. Refer to your homesight Software User Guide for instructions on how to discover your Wireless Door/Window Sensor.

Remark:

Antenna is permanently attached or has a unique connector

## Feature Locator



## Installation Hints

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Please consider the following points when mounting the sensor:

- The XANBOO homesight Door/Window Sensor is constructed of UV resistant ABS plastic allowing for indoor or outdoor use.
- The homesight Wireless Door/Window Sensor is constructed of UV-resistant ABS plastic. If installing the Wireless Door/Window Sensor outside, it should be shielded from the elements, such as underneath a porch roof. Do not install the sensor where it is subjected directly to the elements.
- Typically, the sensor's wireless reception is good to up to 250 feet from the Wireless System Controller, depending on indoor or outdoor use and the number of obstacles. These can include metal framing, thick walls, and other wireless devices operating at 418 MHz. It is recommended that different positions be tried for optimal results.

## Installing Your Door/Window Sensor

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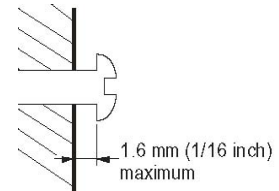
The spacing between the sensor and the contact should be between 1/10 inch and 1/2 inch (.25 cm to 1.27 cm).

### Mount Your Door/Window Sensor

Discover your sensor before mounting it.

#### 1. Mount Your Door/Window Sensor

You can also mount the sensor more securely using the screws in the hardware kit. Using the drilling template found later in this guide, drill two pilot holes for the screws. Affix the screws to one side of the object (typically the "stationary" side) leaving 1/16" (1.6 mm) space between the screw head and the object. Mount the sensor onto the screws and slide down to lock into place.



2. Using the holes on the drilling template, mark the position of the holes to be drilled. For drywall or other composite surfaces use a 7/32" drill bit. Drill a hole for each of the mounting screws and insert a plastic wall anchor into each hole. For other solid surfaces use a 1/16" drill bit. Drill a pilot hole for each of the mounting screws.

Warning, when mounting near a window, drilling too close to the glass could break the glass and possibly cause it to shatter. The window extends deeper into the frame than can be seen; therefore, ensure your screw is beyond the glass before drilling.

3. The magnetic contact should now be placed on the other side of the object (typically the contact is installed on the side that

### Install the Magnetic Contact

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1. Either peels the paper strip from the double-sided tape located on the back of the contact, or you can more securely attach it using screws in the hardware kit. Remove the cover from the contact and insert the screws through the holes on the top and bottom of the contact. Use the Wall Mounting Drilling template at the end of this guide to assist you.

2. Make sure the magnetic contact aligns with the top of the sensor on either the left or right side.



## Features and Specifications

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- Device signal communication
- Attaches to any flat non-metal surface
- Operates on 2-AAA Alkaline batteries
- LED indicator when sensor is triggered

Frequency Range: 418 MHz

Typical Range Open air (line of sight): 200 feet (60 m)

Typical Range Indoors: 60 feet (18 m)

Sensor size: 3.43"L × 1.61"W × 0.59"H (87mm × 41mm × 15mm)

## Wall Mount Drilling Template

Mounting tools: Screwdriver, electric drill or awl. On hard surfaces, XANBOO recommends that you pre-drill ½-inch deep pilot holes with a drill bit slightly smaller than the bracket mounting screws before securing the bracket to the surface. When mounting a sensor on soft surfaces like sheetrock, use an awl to punch holes in the material slightly smaller than the plastic anchors included in the hardware mounting kit.

The illustration is drawn to a one-to-one scale, which means that it provides the exact dimensions required to mount the unit.

## Troubleshooting

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### Problem

LED does not light up

Wireless System Controller does not recognize the sensor during discovery

Events are not triggered

Sensor continually sends an event

### Solution

Ensure the batteries are properly inserted with the correct polarity.

Ensure you are using new AAA batteries.

Ensure sensor is powered. Position the sensor in closer proximity to your Wireless System Controller and try again. Ensure there are no other wireless devices interfering with the sensor. The sensor transmits on the 418 MHz frequency.

Is the sensor registered with your Wireless System Controller?

Ensure that you have the proper settings configured for the sensor

Ensure that you have the proper settings configured for the sensor. For example, you have armed the sensor.

The sensor can be configured so that it can send an event when the contacts are closed or when they are opened.

## FAQ

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### **How far away can the sensor be placed from my Wireless System Controller?**

Typically 60 feet (18 m).

### **Can I place the sensor in a different room than my Wireless System Controller?**

Yes, the sensor and Wireless System Controller use radio frequencies to communicate with each other. These frequencies can go through objects like walls, ceilings and floors.

### **How long will the battery last?**

The battery is expected to last up to 12 months. This depends on actual use and how often the sensor is triggered. The XANBOO Door/Window Sensor includes a battery saving feature that causes the sensor to hibernate when there is no activity, and wakes-up when the sensor is triggered. Do not use rechargeable batteries.

### **How many sensors can I register with my Wireless System Controller?**

The Wireless System Controller supports up to 16 sensors.

### **The light on the sensor is not on?**

This indicates that the sensor has gone into hibernation mode. It wakes up when the sensor is triggered.

## **Regulatory Information**

CAUTION: Changes or modifications not expressly approved by XANBOO for compliance could void the user's authority to operate the equipment.

### **FCC Compliance Class B Digital Device**

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 environment. 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 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 connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **FCC Declaration of Conformity**

XANBOO, Inc., Connected Home Solutions, 101 Tournament Drive, Horsham, PA 19044, 1-215-323-1000, declares under sole responsibility that the HMVC3075 complies with 47 CFR Parts 2 and 15 of the FCC Rules as Class B digital devices.

### **Industry Canada ICES-003 Statement**

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.

### **Restrictions on Use of Wireless Devices**

In some situations or environments, the use of wireless devices may be restricted by the proprietor of the building or responsible representatives of the organization. If you are uncertain of the applicable policy for the use of wireless equipment in a specific organization or environment, you are encouraged to ask for authorization to use the device prior to turning on the equipment.

### **FCC Certification**

This product contains a radio transmitter and accordingly has been certified as compliant with 47 CFR Part 15 of the FCC Rules for intentional radiators. Products that contain a radio transmitter are labeled with FCC ID and the FCC logo.

This device complies with Part 15 of FCC Rules. Operation of the device is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference that may cause undesired operation.

**FCC NOTE:**

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

## **Limited Warranty**

Wireless Door/Window Sensor

XANBOO, Inc., Connected Home Solutions ("XANBOO")

Limited Warranty. XANBOO warrants to you, the original end user customer, that (A) the Product, excluding Software, will be materially free from defects in materials and workmanship under normal use, and (B) with respect to Software, (i) the media on which the Software is provided will be free from defects in material and workmanship under normal use, and (ii) the Software will perform materially as described in its documentation. This Limited Warranty to you, the original end user customer, continues (A) for Software and the media upon which it is provided, for a period of ninety (90) days from the date of purchase from XANBOO or an authorized XANBOO reseller, and (B) for the Product (excluding Software), for a period of one (1) year from the date of purchase from XANBOO or from an authorized XANBOO reseller. To take advantage of this Limited Warranty or to obtain technical support, you must call the XANBOO toll-free phone number (below). XANBOO's sole and exclusive obligation under this Limited Warranty for retail sales shall be to repair or replace any Product or Software that does not meet this Limited Warranty. All warranty claims must be made within the applicable Warranty Period.

General Information. The warranties described in this Section shall not apply: (i) to any Product subjected to accident, misuse, neglect, alteration, Acts of God, improper handling, improper transport, improper storage, improper use or application, improper installation, improper testing or unauthorized repair; or (ii) to cosmetic problems or defects which result from normal wear and tear under ordinary use, and do not affect the performance or use of the Product. XANBOO's warranties apply only to a Product that is manufactured by XANBOO and identified by XANBOO owned trademark, trade name or product identification logos affixed to the Product. XANBOO does not warrant to you, the end user, or to anyone else that the Software will perform error free or without bugs. XANBOO IS NOT RESPONSIBLE FOR, AND PROVIDES "AS IS" ANY SOFTWARE SUPPLIED BY 3RD PARTIES. EXCEPT AS EXPRESSLY STATED IN THIS SECTION ("WARRANTY INFORMATION"), THERE ARE NO WARRANTIES OF ANY KIND RELATING TO THE PRODUCT, EXPRESS, IMPLIED OR STATUTORY, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR THE WARRANTY AGAINST INFRINGEMENT PROVIDED IN THE UNIFORM COMMERCIAL CODE. Some states do not allow for the exclusion of implied warranties, so the above exclusion may not apply to you.

What additional provisions should I be aware of? Because it is impossible for XANBOO to know the purposes for which you acquired this Product or the uses to which you will put this Product, you assume full responsibility for the selection of the Product for its installation and use. While every reasonable effort has been made to insure that you will receive a Product that you can use and enjoy, XANBOO does not warrant that the functions of the Product will meet your requirements or that the operation of the Product will be uninterrupted or error-free. XANBOO IS NOT RESPONSIBLE FOR PROBLEMS OR DAMAGE CAUSED BY THE INTERACTION OF THE PRODUCT WITH ANY OTHER SOFTWARE OR HARDWARE. ALL WARRANTIES ARE VOID IF THE PRODUCT IS OPENED, ALTERED, AND/OR DAMAGED.

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These matters are governed by the laws of the Commonwealth of Pennsylvania, without regard to conflict of laws principles and excluding the provisions of the United Nations Convention on Contracts for the International Sale of Goods.

Please call the XANBOO toll-free number, 1-877-466-8646, for technical support or warranty service.

## **Battery Life**

or your XANBOO homesight™ devices that require batteries, use high-quality, non-corrosive batteries designed for use in electronic equipment. Battery life is one year with normal usage. Do not use rechargeable batteries in any XANBOO homesight™ device.