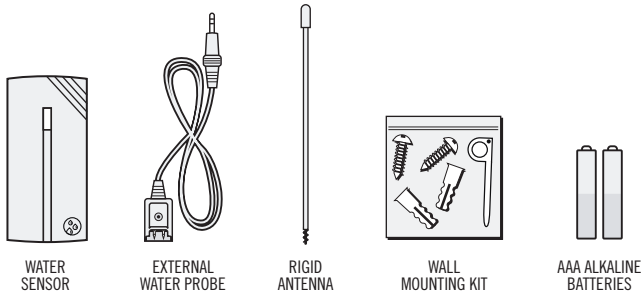


## INSTALLATION OF YOUR WATER SENSOR ///

### YOUR PACKAGE CONTAINS THE FOLLOWING ITEMS:

- 1 Water Sensor
- 1 External Water Probe
- 1 Rigid Antenna
- 1 Wall Mounting Kit
- 2 AAA Alkaline Batteries

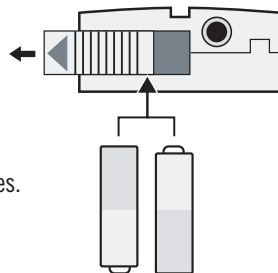


### MOUNTING YOUR SENSOR:

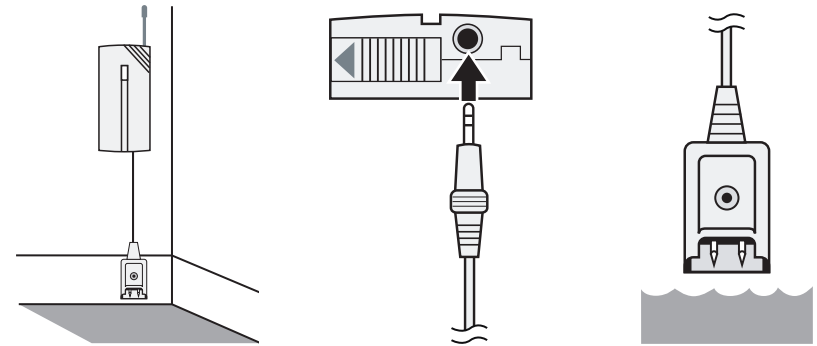
The HMSM4160 **Water Sensor** is constructed of UV resistant ABS plastic allowing for indoor or sheltered outdoor use. The Sensor detects the presence or absence of water in areas such as basements/cellars, under sinks, and near water pipes. You can also monitor areas near other water sources such as an aquarium, water heaters, and washing machines. When a water leak or water deficit is detected, it is reported to the XG1000 Controller and an event is triggered.

1. Determine the desired location where you would like to mount your Sensor. Using the mounting holes on the back of the Sensor as a guide, drill two small holes for each of the mounting screws, using a 7/32" drill bit for drywall (or other composite surfaces) or a 1/16" drill bit for other solid surfaces. Insert supplied wall anchors into holes and secure sensor to wall with supplied screws leaving 1/16" space between the screw head and the wall. Mount the Sensor onto the screws and slide down to lock into place. You may alternately affix the Sensor using the provided double-sided tape.
2. Locate the antenna and screw it into the top-right corner of the sensor, just above the air vents, until it is secure.
3. Insert the batteries. On the bottom of the sensor, slide open the door and insert two AAA alkaline batteries. The back of the door of the sensor indicates the polarity (+ and -) of the batteries. Close the door after inserting batteries.

**NOTE:** The sensor does not support rechargeable NiCad or NiMH batteries. However, the sensor does employ built-in power saving functionality.

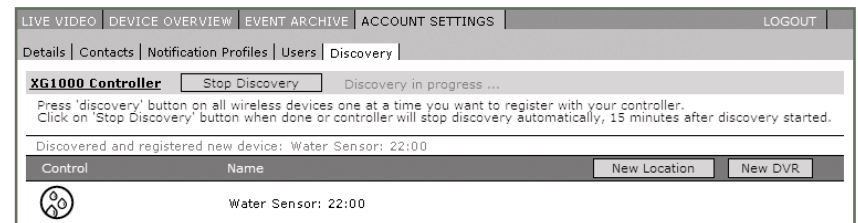
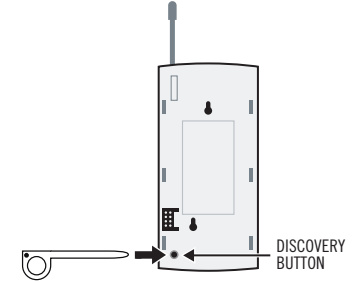


4. Mount the immersible **External Water Probe** on a vertical surface, such as a baseboard or a sump wall, using either one screw or the double-sided tape located on the back.
5. Plug the **External Water Probe** jack into the base of the Sensor.



### DISCOVERING YOUR SENSOR:

1. In your Remote Account, select the **Account Settings** tab and then select **Discovery**.
2. Press the **"START DISCOVERY"** button and wait until you get a message indicating discovery is in progress.
3. On the back side of the Sensor, press the Discovery Button using the Discovery Tool.



### TROUBLESHOOTING ///

If you are having trouble operating this product, please consult the guide below:

PROBLEM	SOLUTION
LED does not light up	<ol style="list-style-type: none"> <li>1. Ensure the batteries are properly inserted with the correct polarity.</li> <li>2. Ensure you are using fully charged AAA batteries.</li> </ol>
The XG1000 Controller does not recognize the sensor during discovery	<ol style="list-style-type: none"> <li>1. Ensure sensor is powered. Position the sensor in closer proximity to your XG1000 Controller and try again. Ensure there are no other wireless devices interfering with the sensor. The sensor transmits on the 418 MHz frequency.</li> </ol>

<b>PROBLEM</b>	<b>SOLUTION</b>
Events are not triggered	<ol style="list-style-type: none"> <li>1. Ensure the batteries are properly inserted with the correct polarity.</li> <li>2. Ensure you are using fully charged AAA batteries.</li> </ol>
Sensor continually sends an event	<ol style="list-style-type: none"> <li>1. Ensure sensor is powered. Position the sensor in closer proximity to your XG1000 Controller and try again. Ensure there are no other wireless devices interfering with the sensor. The sensor transmits on the 418 MHz frequency.</li> </ol>

## **FAQ'S ///**

### **HOW FAR AWAY CAN THE SENSOR BE PLACED FROM THE XG1000 CONTROLLER?**

Typically 60 feet.

### **CAN I PLACE THE SENSOR IN A DIFFERENT ROOM FROM THE XG1000 CONTROLLER?**

Yes, the sensor uses radio frequencies to communicate with the XG1000 Controller. These frequencies can travel through objects such as walls, ceilings, and floors.

### **HOW LONG WILL THE BATTERY LAST?**

The batteries are expected to last up to 12 months. This will depend on actual use and how often the Temperature Sensor is triggered.

### **HOW MANY SENSORS CAN I USE WITH MY SYSTEM?**

The XG1000 Controller can support up to 32 sensors.

### **THE LED INDICATOR ON THE SENSOR IS NOT ON?**

This indicates that the sensor has gone into hibernation mode to save battery power. It will wake up when the sensor is triggered.

## **TECHNICAL SPECIFICATIONS ///**

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

Typical Range Outdoors:	250 feet
Typical Range Indoors:	60 feet
Frequency Range:	418 MHz (US); 433 MHz (EU)
Sensor Size:	3.43"L x 1.61"W x 0.59"H (87mm x 41mm x 15mm) (not including probe)