



Introduction

Congratulations on your purchase of the Wireless Motion Sensor (WMS). Your sensor uses a heat/motion detector to scan a field 90 degrees wide up to a range of approximately 20 feet. This enables you to secure an area, regardless of day or night, rain or shine. This Quick Start Guide describes how to set up and troubleshoot your Wireless Motion Sensor.

Using Your Motion Sensor

The WMS can report detected events or interact with other system devices when motion is detected to record the event. Positioning is critical in the mounting of your WMS, particularly if used in conjunction with a Color IP Video Camera to record triggered events. Using your computer and the Wireless Gateway System Controller, you locally manage your home or business environment from your Cell Phone or Computer using MyVirtual Network. When configured, the system can notify you of any new events by sending you an e-mail or text message. An event is defined as movement in the field covered by the heat /motion sensor.

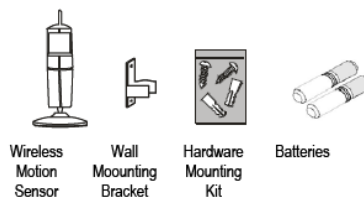
HOW IT WORKS?

The Wireless Motion Sensor can communicate with the Wireless System Controller to a distance of up to 60 feet indoors, and 200 feet outdoors. It can detect heat/motion within a field of 90 degrees horizontally. If armed, heat/motion triggers an event that is communicated wirelessly back to the Wireless Gateway System Controller, which in turn sends event information back to your Cell Phone or Computer.



Installation Overview

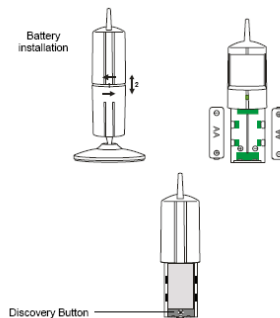
YOUR PACKAGE CONTAINS THE FOLLOWING:



INSTALLING YOUR SENSOR IS A SIMPLE PROCESS.

- 1 Twist the WMS clockwise at the seam in the middle and pull the two halves apart.
- 2 Insert batteries.
- 3 Register your sensor with your Wireless Gateway Controller using a process called Discovery. Log onto <https://www.myremotemanager.com/myrm/> then click on: (A) 'ACCOUNT SETTINGS', then (B) 'DISCOVERY' and click (C) **New Location Button**, as shown below, to register your Controller to your account. To discover device, press the appropriate **Discovery Button** on the back of the device with the (*white Discovery Tool provided in your package*)
- 4 Reassemble the halves tightening counterclockwise until it clicks. Line up the vertical seams so the wall mounting bracket (if used) will attach correctly.
- 5 Mount the sensor.

FEATURE LOCATOR



Installing Your Wireless Motion Sensor

Your sensor can either be mounted on a wall or just sit on a horizontal surface.

WALL MOUNT YOUR WIRELESS MOTION SENSOR

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.

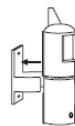
- 1 Using the holes on the drilling template found later in this guide, mark the position of the holes to be drilled.

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.



- 2 Ensure that fresh batteries have been installed. Position the sensor to survey the desired area
- 3 Please keep in mind that the field of view is 90 degrees and motion sensor distance works up to 20 feet



- 4 Using the screws provided, secure the mounting bracket to the wall. Be sure to mount the sensor in the manner pictured above so that the unit has free motion for optimum aiming.

Wall Mount Drilling Template

Mounting tools: Screwdriver, electric drill or awl. On hard surfaces, Motorola 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.

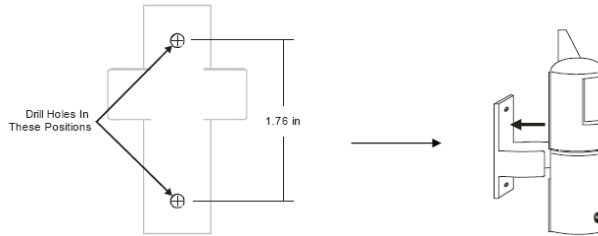


TABLE MOUNT YOUR WIRELESS MOTION SENSOR

The sensor can be placed on any horizontal surface.

- 1 Locate the sensor on a horizontal surface.
- 2 Ensure that fresh batteries have been installed. Make a
- 3 Adjustments to the sensor coverage angle by tilting and panning the unit with your hand



Troubleshooting

Problem	Solution
Sensor will not register with the Wireless System Controller	<ul style="list-style-type: none">• Ensure that the sensor has fresh batteries.• Ensure that the Wireless System Controller is powered and online.• Ensure that you are pressing the Discovery button.• Reposition the sensor closer to the Wireless System Controller.• Try another location.
Motion events are not triggered	<ul style="list-style-type: none">• Ensure that the sensor is not positioned behind glass. The motion sensor is triggered by changes in heat. Any material such as glass that "insulates" keeps the camera from detecting heat changes (movement).
<ul style="list-style-type: none">• Ensure that the sensor is positioned properly, avoiding obstacles that can interfere.• Consider adding a Wireless Signal Repeater to increase device signal communication range.	

FAQ

How far away can the sensor "see?"

The motion sensor is capable of detecting objects up to 20 feet away with a field of view of 90 degrees.

How can I most effectively use my Wireless Motion Sensor with MyVirtual Network System's Video Camera?

The WMS can act as a trigger to your system's wireless video camera. By positioning it in area ahead of the motion sensor built into the video camera, the Wireless Motion Sensor can trigger an event ahead of time to have the video recorder capture the event in its entirety. Keep in mind that the survey field of the WMS is 90 degrees when you position it in relation to your video camera. Try not to have the WMS aimed directly in front of where the events will typically take place, but rather, to the side or angled so as to include as much of the area in its sweep as possible.