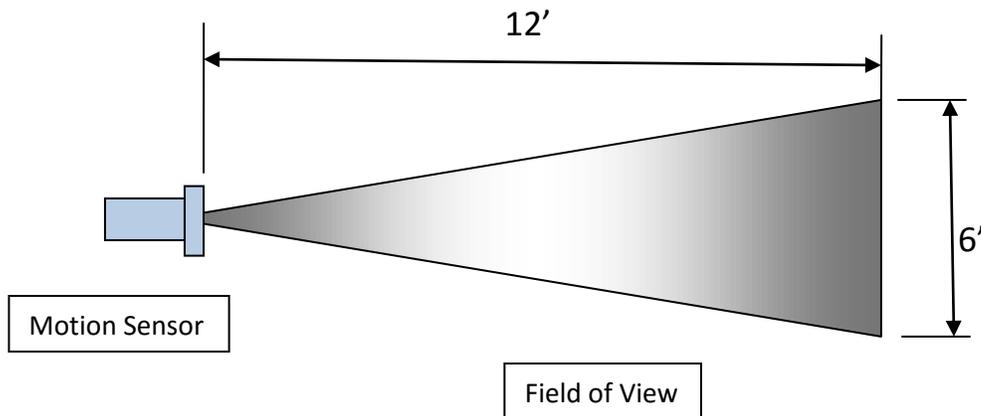


PIR Motion Sensor Installation

The motion sensor has a flat solid curtain field of view that is six feet wide at a distance of twelve feet.



This motion sensor works well when mounted overhead in a passage way. When the intruder walks into the sensors field of view the alarm is triggered. An alternative is to mount the sensor in a vertical part of the boat. Keep the sensor low so its field of view is kept inside the boat to prevent it seeing outside the boat. Be careful that there are no heat sources in the PIR's view. Before permanently mounting the sensor, temporarily position it in the desired location and test it.

There are four wires to the motion sensor.

- Red wire (+) Connect to the yellow wire on the alarm control anywhere between the control and the flashing LED.
- Black wire (-) Connect to the black wire on the alarm control anywhere between the control and the flashing LED.
- Green wire (NC relay) Connect to the green wire on the alarm control. This is zone 2.
- White wire (NC relay) Connect to the green wire on the alarm control to complete the circuit to zone 2.

This completes the wiring of the motion detector to zone 2. Connection is made to zone 2 because the alarm will rearm two times one minute after the siren has been triggered. This restores alarm protection.

Power for the motion detector is taken from the flashing LED circuit for two reasons. First, the flashing LED is powered as soon as the alarm control is energized. The alarm control is not active for a minute allowing a warm-up time for the motion detector. Second, the motion detector and alarm control are both started and stopped with the key fob remote control.

The motion detector can be installed without the mounting plate by using the included collar. This makes the motion detector less visible to an intruder.

Be careful and do not touch the motion detector lens during the installation process. Refer to the manufacturer's installation instructions included with the detector.