

Wireless Motion (PIR) Sensor User's Manual

Product Name : **Wireless Motion (PIR) Sensor**

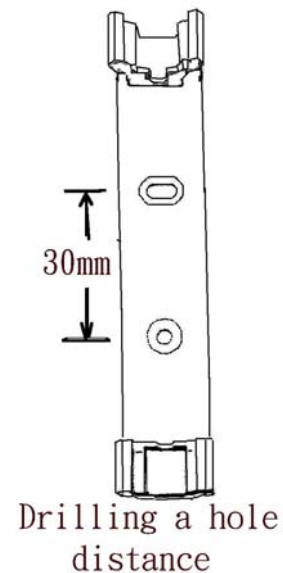
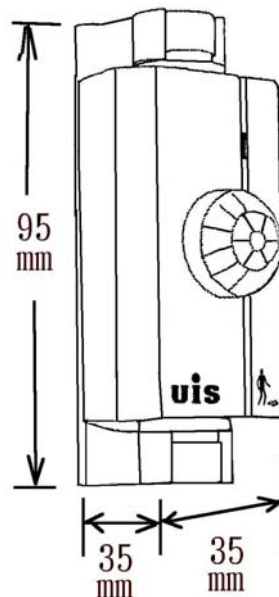
Model No : **WMS-110**

Input Power: 3V DC

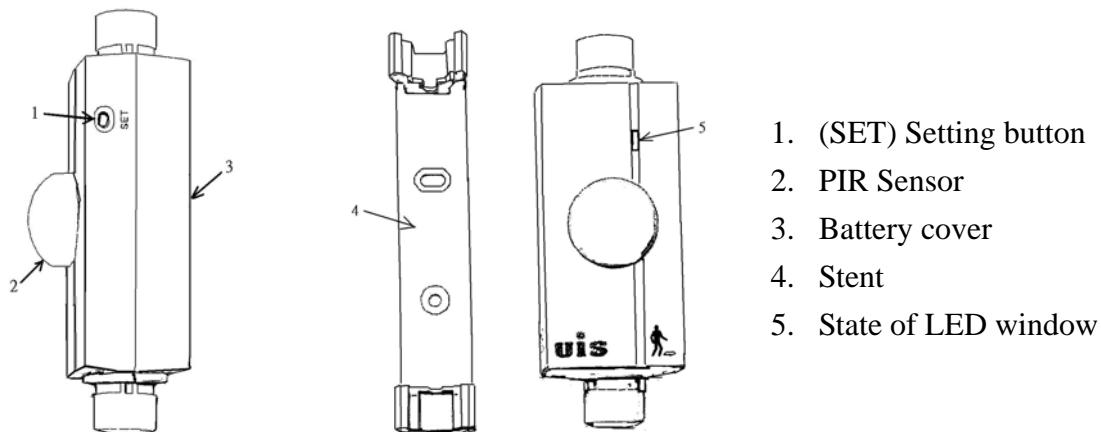
Features Description:

1. The use of Infrared Human Motion Detection of sensor detector, it self cannot transmits light wave of the infrared.
2. The WMS-110 (Wireless Motion (PIR) Sensor) attached with the frame, the angle can be adjusted to detect.
3. The use of two UM-4 AAA 1.5V alkaline batteries , battery power is insufficient to inform the host will automatically operate a very low power, the battery can be used for more than one and half years.
4. Easy link, when install at the first time to press the set button on the side of product binding with repeater.
5. Can use the WPC-110 (Wireless Power Controller) do so with even control, For example:
Corridor night auxiliary lighting. °

Outline Dimensions:



Feature Locator:



Installation Hints:

1. First use UM-4 AAA 1.5V alkaline batteries 2 into WMS-110 (Wireless Motion (PIR) Sensor) battery holder, and check the battery positive and negative polarity marked is correct.
2. The WMS-110 (Wireless Motion (PIR) Sensor) by pressing the SET button at the side, and then press the WR-110 (wireless repeater) at the bottom of the SET button, Wait for 30 seconds to 1 minute. If LED indicator light flash three times that means linking success. If LED indicator light flash two times that means fail.
3. The WMS-110 (Wireless Motion (PIR) Sensor) placed on the need to detect the channel next to , need to pay attention to the PIR sensor detector window, do not be put into place where the sun, and not on where the ambient temperature is too high.
4. Can use the WMS-110 (Wireless Motion (PIR) Sensor) signals through the WCC-110 (Wireless console controller), on the WPC-110 (Wireless Power Controller) do so even control. Join to link with Gateway, please reference user manual of WCC-110 (Wireless console controller).

Troubleshooting:

1. **Problem:** When link with WR-110 (Wireless repeater), there is no display of LED indicator light for WMS-110 (Wireless Motion (PIR) Sensor) to flash two or three times.
Solution:
 - a. Need to make sure the battery is good there is electricity, the installation of the battery positive and negative direction is correct.
 - b. May be not press set button, need to link with repeater again.
 - c. If the above handles are invalid, please contact with agency.
2. **Problem:** Unable to link with WR-110 (wireless repeater).
Solution:
 - a. It needs to confirm the distance between WMS-110(Wireless Motion (PIR) Sensor) and WR-110 (Wireless repeater). Wireless connects in non-camouflage

straight line effective range 10 meters. May pull closer between booth's distance tests to have a look first, whether to have the improvement segment condition

Specification: :

Wireless Motion(PIR) Sensor	
Model No.	WMS-110
Electrical Specification	
Transmit Frequency	2.4GHz
Modulation	GFSK
Transmit Power	0 dBm
Channel spacing	1 MHz
Channel NO.	81 Channel(2401Mhz~2481Mhz)
Range of operation	10 meters
Operating voltage	3.0 VDC
Current (typical)	Working: 14mA Peak Standby: 1 uA Max
Battery Type	AAA Alkaline Battery (1.5V)
Battery Quantity (PCS)	2
Sensor Type	PIR
Sensor Detect Range	5 meters @25°C
Display Type	Red LED indicator
Operation Interface	Push button switch for setting
Environmental Requirement	
Operating temperature	-10°C to 40°C
Storage temperature	-20°C to 60°C
Humidity	90% RH Max. Non-Condensing
Mechanical Specification	
Dimension (WxHxD, mm)	60x40x78
Weight (No Battery)	42g
Weight (Include Battery)	67g

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

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.
- 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.

CAUTION:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Canada Warning

"Industry Canada regulatory information Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device." "The user is cautioned that this device should be used only as specified within this manual to meet RF exposure requirements. Use of this device in a manner inconsistent with this manual could lead to excessive RF exposure conditions."