USER GUIDE

MOTION SENSOR

AQILA
Rumah Lebih Aman, Lebih Pintar™

Specifications:

Power Supply:	DC 3V or (Battery AA 1.5V LR6 x 2 Pieces)
Standby Current:	≤80uA
Alarm Current:	≤12mA
Detection Area:	7-8m/110°
Wireless Transmission Distance:	≤80 m (in Open Area without interference)
Frekuensi RF Nirkabel:	433 MHz FHSS Frequency Hopping
Temperature / Humidity:	-10°C-55°C/≤80% (No Condensation)
Sensor Dimensions: (L x W x H)	90 x 52 x 35.5mm
Bracket Dimension: (L x W x H)	48 x 26 x 29mm

Features

Aqila Motion Sensor is embedded with Passive Infrared Technology. With modern, minimalist, and elegant design, it is easy to install and will perfectly fit into your house interior. With advanced Fuzzy Logic Technology, it will reduce the false alarm whenever detect people movement in the room. It has small buzzer embedded to it so it will remind you when battery level is low or if there is an attempt that triggering of tamper alarm.
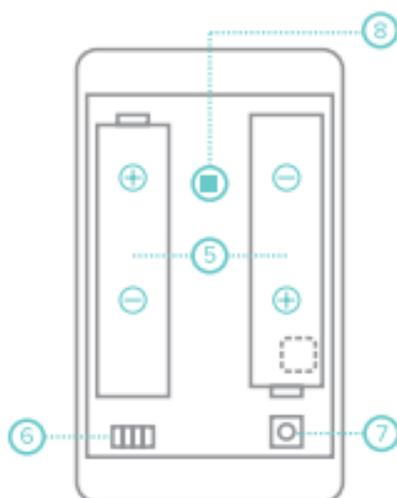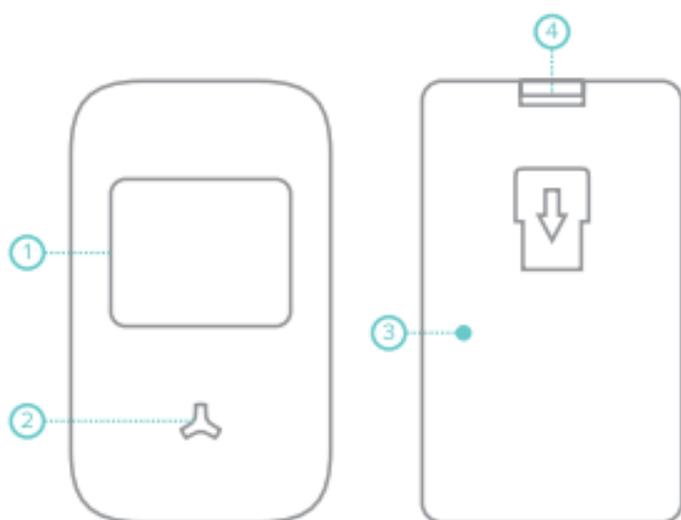
1. Detection Window
2. LED indicator
3. Connection button
4. Clip
5. Battery Compartment
6. Zone Jumper
7. Tamper Switch
8. Infrared Sensor

Infrared Sensor:
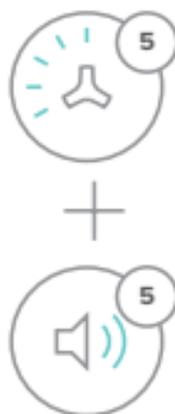Detects the infrared beam released by movements. Please do not touch the surface and keep it clean.

Tamper Switch:
Whenever the sensor cover is opened, the tamper switch will trigger an alarm.

Indicator Status:

LED blinks one time:
Movement detected.

LED blinks 5 times, and the buzzer beeps 5 times:
Sensor active, a tamper alarm is active, or the battery level is low.
Please replace the battery immediately when the battery is low.

Installation and Testing:

Testing Mode:
When the sensor is turned on, LED indicator blinks 5 times, and the buzzer beeps 5 times to enter the testing mode. In this mode, every movement will activate the sensor and trigger the alarm. The sensor will switch to Working Mode after 20 detection.

Working Mode:

To preserve power, sensor will switch into sleep mode after the first detection. If there is a movement within 4 minutes, the sensor will return to the Working Mode. If there is no movement detected within duration time of 4 minutes, sensor will back to sleep mode.

Warning:

1. It is better to install the Motion Sensor in the room that closest to entry or exit door so it will easily detect people who entering the house.

2. The sensor is more sensitive to cross-movements rather than direct movement. Sensor performance will be optimal when the detection direction is in horizontal direction.
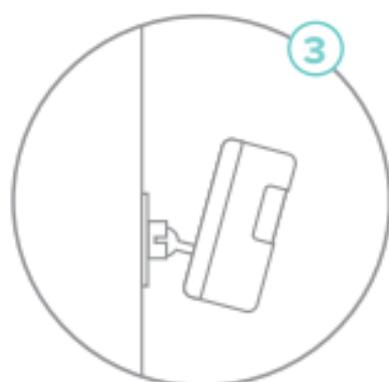
Installation:
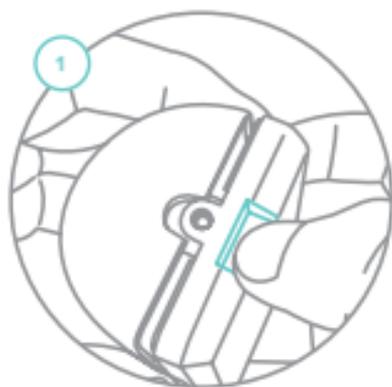
1. Unscrew the small screw at the top of sensor cover and press the clip to open the sensor cover.
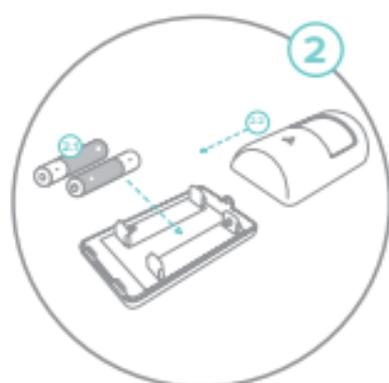
2. Insert the battery in the correct position and close the sensor. Then put the little screw back in.

3. Use a bracket / holder and a rounded clip to mount the sensor on the wall. You will need a drill to make a hole in the wall and attach the fisher, wall bracket, and screw.

2.0~2.2m
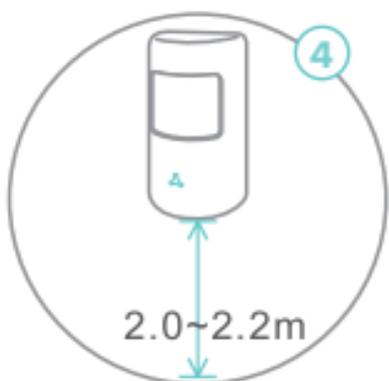
4. Point the sensor direction by see the LED indicator as a direction guidance. The optimum height is about 2~2.2m from the ground. Adjust the height to change the detection distance and angle. If you have a pet, you need to point the sensor little bit higher, this is to prevent a false alarm because of the sensor detecting pet movement.
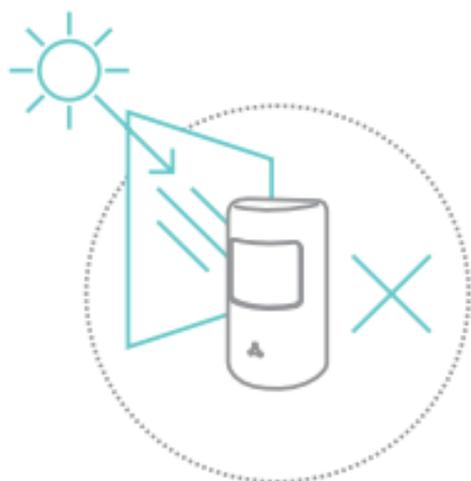
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Walk Test:

- When the sensor is turned on, LED indicator blinks 5 times, and the buzzer beeps 5 times to enter the working

- Walk across the detection area and watch the LED indicator and make sure the indicator blinks once when detecting a movement.

Warning

- Avoid mounting the sensor close to area where heat changes fast or air stream flows frequently. (ie. Air conditioner, tube light, oven, waver, refrigerator, etc.).

- Avoid areas that face directly to the window which will easily disturbed by environment factors (such as direct sunlight, crowded people, or passing cars)
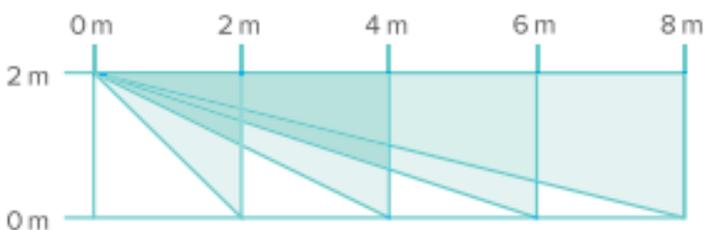
Detection Area

Top View

110°

Side View

| 0 m | 2 m | 4 m | 6 m | 8 m |

2 m

0 m
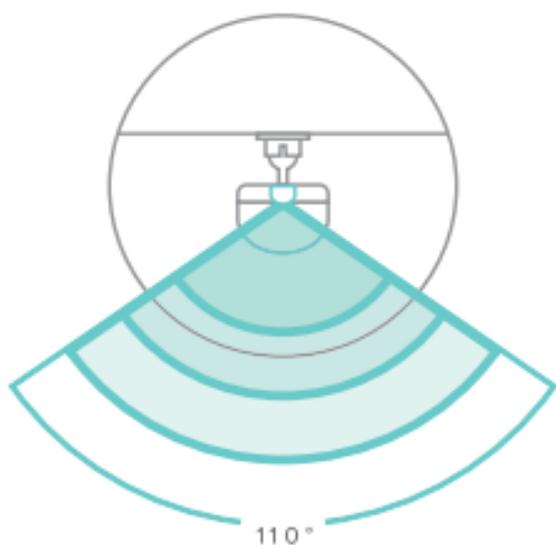
Connecting Motion Sensor to Aqila Securehub™

A new motion sensor should be enrolled to the Aqila Securehub™. For specified operation, please refer to the manual Aqila Securehub™ user guide.