The Occupancy Sensor User's Manual

Introduce

The Wireless Occupancy Sensor (OS) is a smart device featuring low power consumption, small size, and cost-efficiency, utilizing the ZigBee© wireless protocol. It is powered by a CR2450 battery, and complies ZigBee's® HA1.2 (Home Automation) standard. The OS communicates with the Aqara multi-functional gateway. The OS employs PIR to detect motion, as well as monitoring its own energy storage.

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.

*This product is the limit of the indoor use, before use, please connect the sensor and the gateway together.

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

NOTE: 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.

RF warning statement:
The device has been evaluated to meet general RF exposure requirement. The device can be used
in portable exposure condition without restriction.

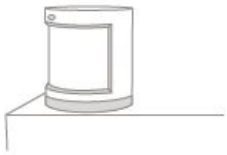
Parameter

Product Model:RTCGQ11LM
Product Size:30x30x33mm
Battery Type:CR2450
Detect Range:~170° @ 7m
Operation Temperature:- 10℃—+ 45℃
Operation Humidity:0—95%RH, No Condensation
Execution standard:Q/QLML002—2015

Installation Method:

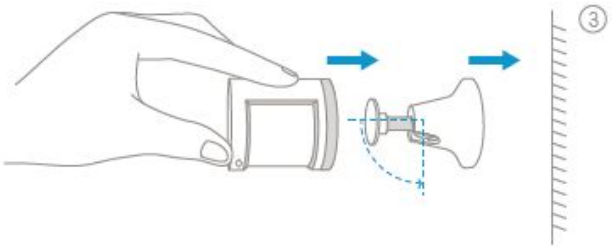
Effective distance validation: Click the reset button on the OS sensor in selected sensor installation location, it will be effective communication between device and gateway if the gateway to prompt.

Method 1: Placed directly

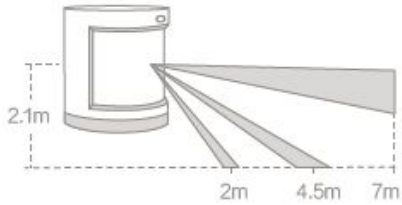


Method 2: Tear off glue stick protective film (with round back glue to stick in the attachment), paste in the area.

Method 3: Paste sensors in the installed base, and then paste base in the region.

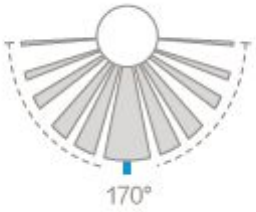


*Suggest installation height is 1.2 2.1 m, less than 1.2 meters detection range has shrunk, but does not affect the use;Sensor will appear at the bottom of the blind area is greater than 2.1 m, parts can't detect.



Effective Detection Area--Side View

*To pay attention to the lens alignment need detection area, when placed or paste sensor close to the desktop or edge of cabinet put oneself in another's position.



Effective Detection Area--Top View