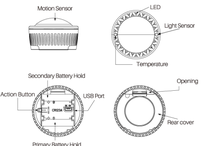
Multi Sensor

Multi Sensor is a Zigbee device that integrates motion detection, tamper alarm, temperature/ humidity/ luminance measurements. Temperature, humidity, luminance, and motion status can be set to trigger customized automation in your smart home system. And it sends a notification when temperature drops or increases.

Familiarize yourself with Multi Sensor



What's included

Download APP

1. Android phone: download "Smart Life" from Google play store.
2. iOS phone: download "Smart Life" from Apple App store.

Smart Life

Quick start

Set up power

1. Installation with DC Power from USB port:

1.1 Remove the rear cover.

1.2 Insert the USB cable into USB Port, then plug AC adaptor into outlet.

2. Installation with battery power:

2.1 Remove the rear cover.

2.2 Insert two CR123A batteries .

Note:

Multi Sensor can be powered by a single CR123A battery. To do this, insert the battery into the primary battery position marked with 1 on the shell.

Adding Multi Sensor to a Zigbee network

1. Set your Zigbee gateway to "add subdevice" according to Figure 1.
2. Double-click the Action Button on your Multi Sensor, indicated by a quick LED blink.

Multi Sensor will wake up 10 minutes after include a Zigbee network, then you can configure it according to the Advanced functions section.

Remove Multi Sensor from network

1. Press the Action Button 6 times quickly . If the exclusion is successful, the LED on Multi Sensor will blink quickly. However, Multi Sensor widget is still in the APP. To remove the widget from the APP, please follow step 2.

2. Press the "Disconnect" button on the edit page of the device in Smart Life APP according to Figure 2.

Factory reset

1. Press and hold the Action Button for 20 seconds. The LED on Multi Sensor will blink incrementally fast and will be lit solidly for 2 seconds after the factory reset.

However, Multi Sensor widget is still in the APP. To remove the widget from APP, please follow step 2.

2. Press the "disconnect and wipe data" button on the edit page of the device in Smart Life APP according to Figure 2.

Note: Factory Reset will reset the following settings:

a) Remove Multi Sensor from Zigbee network.

b) Delete the association settings.

c) Restore the default configuration settings.

Figure 1

Figure 2

Installation

General Safety Rules

- The installation distance of the product is 20CM from human body.

Regole generali di sicurezza

- La distanza di installazione del prodotto è di 20 cm dal corpo umano.

Règles générales de sécurité

- La distance d'installation du produit est de 20 cm du corps humain.

Allgemeine Sicherheitsregeln

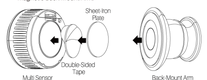
- Der Installationsabstand des Produkts zum menschlichen Körper beträgt 20cm.

Reglas generales de seguridad

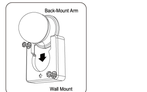
- La distancia de instalación del producto es de 20 cm del cuerpo humano.

Installation on the Wall with Back-Mount Arm

1. Peel-off tab from Double-Sided Tape and stick it to the Back Cover-Plate of Multi Sensor, then peel-off the opposite side. Remove the blue film on the Sheet-Iron Plate and stick it to the Double-Sided Tape. Multi Sensor can now be attached to the magnetic Back-Mount Arm.

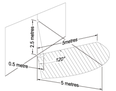


2. Screw the Wall Mount to the wall with KA2.5 x 20mm screws. Slid down Multi Sensor Back-Mount Arm to the Wall Mount.



3. Put Multi Sensor on the Back-Mount Arm, and adjust the angle to let PIR detect the motion area.

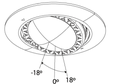
Note: The PIR detection area of Multi Sensor is 2.5 x 5 x 5 metres when it was installed on the wall.



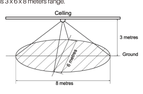
Installation on Ceiling with Ceiling Mount

1. Drill a 70 mm diameter hole in the Ceiling. Insert the Ceiling Mount into the hole.

2. Push the indicated triangle up to change the angle of Multi Sensor to let PIR detect desired motion area.



Note: When installed on the ceiling, Multi Sensor's motion detection area coverage is 3 x 6 x 8 meters range.



Advanced functions

You can modify the configuration of Multi Sensor to your preferences in its settings page of Smart Life APP.

Low battery alarm and changing batteries

Multi Sensor will report battery level to Zigbee gateway and display the battery level on Smart Life APP. Please replace the batteries when the battery level is low.

Waking up Multi Sensor

When Multi Sensor settings were changed in Smart Life APP, you need to let your Multi Sensor wake up to receive configuring commands. The following methods can wake up Multi Sensor:

1. Shaking Multi Sensor to let it wake up a moment.
2. Moving in front of Multi Sensor wakes it up a moment when Multi Sensor has installed on the wall or ceiling.
3. Press the Action button one time to let Multi Sensor wake up a moment.
4. Press the Action button 6 seconds. Multi Sensor will wake up 10 minutes, and its LED will blink slowly. After finishing the configuration, you can click the Action button to let Multi Sensor go into sleep mode to save battery power.

Motion configuration

1. Turn OFF Motion detection to save battery power in case of non-motion detection need.
2. Motion detection sensitivity can be adjusted in 3 levels: Low, Middle and High.
3. Disarm time after motion detected is adjustable.

Automatic reports: temperature, humidity and luminance

1. Turn OFF Automatic reports function to save battery power in case there is no need for Multi Sensor to sent reports automatically.
2. Set the interval time of automatic reports from 0~1440 minutes. The time needs to be an integer with a multiple of 5.

Note : Multi Sensor will sent real-time reports when the interval time was set to 0 minute.

Offset of temperature, humidity and luminance

Supports manual modification of temperature, humidity and luminance measurement to modified measurement tolerance.

Tamper alarm

When the device is shaken, it will immediately send tamper alarm notice to the gateway and push notification to APP.

Device update

Multi Sensor can obtain new functions through upgrade firmware wirelessly, thus increasing the value of Multi Sensor in your smart home system.