



mirabella HKWL-MS03W Motion Sensor User Manual

[Home](#) » [Mirabella](#) » mirabella HKWL-MS03W Motion Sensor User Manual 



Contents

- 1 mirabella HKWL-MS03W Motion Sensor
- 2 1. PRODUCT OVERVIEW
- 3 2. PRODUCT FEATURES
- 4 PRODUCT STRUCTURE
- 5 SPECIFICATIONS
- 6 5. INSTALLATION
- 7 Download app
- 8 7. Add Devices
- 9 Delete devices
- 10 FAQ
- 11 Documents / Resources
- 12 Related Posts

mirabella HKWL-MS03W Motion Sensor



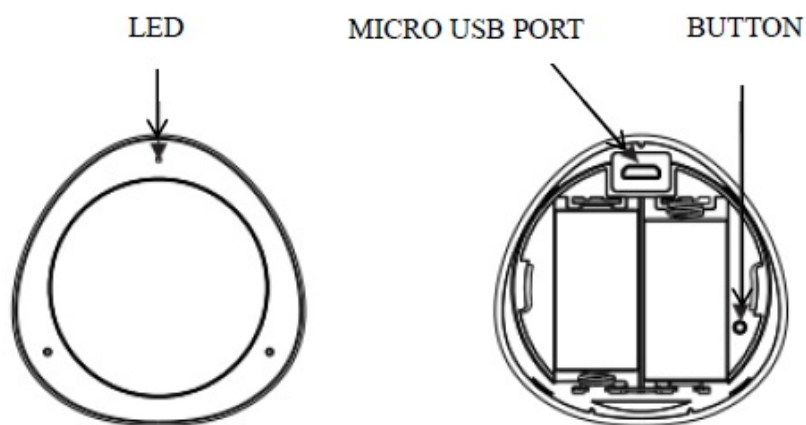
1. PRODUCT OVERVIEW

The Genio Motion Sensor is a Wi-Fi-based PIR sensor. You can check the device status, battery level, alarm record and even receive push notification via APP when it detects someone or animal moving within the detection range.

2. PRODUCT FEATURES

- Digital PIR sensor with low power consumption and strong anti-interference performance
- Standard 2.4G wireless Wi-Fi communication technology, two methods for Wi-Fi inclusion, EZ and AP
- 2 x CR123A batteries operated or USB powered (USB cable & adaptor sold separately)
- Elegant design and flexible installation
- Low battery alert and alarm push notification on APP
- Immediate report when vibration triggered

PRODUCT STRUCTURE



AP Mode	LED indicator blink slow in blue
EZ Mode	LED indicator blink fast in blue

Button Instruction

In the network	Press and hold the Button for 5s then release, resume to default setting, then it enters into EZ inclusion mode
Out of the network	Press and hold the Button for 5s then release to switch EZ/AP mode

Note

1. In the network: The device has been included in the network.
2. Out of the network: Device is in the status of the default setting, never configured Wi-Fi

SPECIFICATIONS

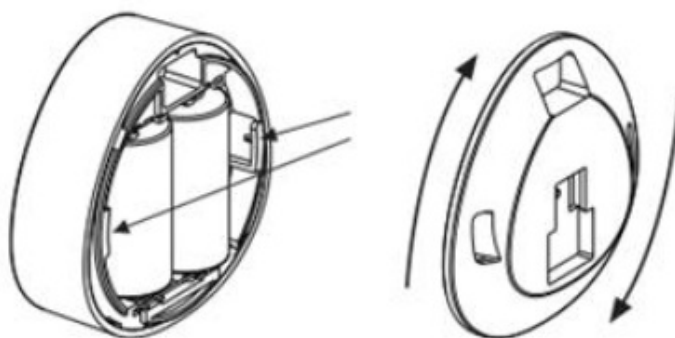
Power supply	6V:2*CR123A or 5V USB
Working current	80mA
Standby current	40uA
Battery Capacity	1300mAh
Detection Distance	10m
Detection Angle	120°
Sensitivity Level	8
Wireless transmitting and receiving frequency	2.4GHz—2.484GHz

network protocol supported	IEEE802.11 b/g/n
Encryption type	WEP/TKIP/AES,WPS
Transmitting power	802.11b: +17dBm@ 11Mbps 802.11g: +15dBm@ 54Mbps 802.11n: +13dBm@ MCS7
Receiving sensitivity	802.11b:-91dBm@11Mbps 8%PER 802.11g:-75dBm@54Mbps 10%PER 802.11n:-72dBm@MCS7_HT20 10%PER
working temperature	-10 +40°C
Storage temperature	-20 +60°C
Relative humidity	8 80%RH

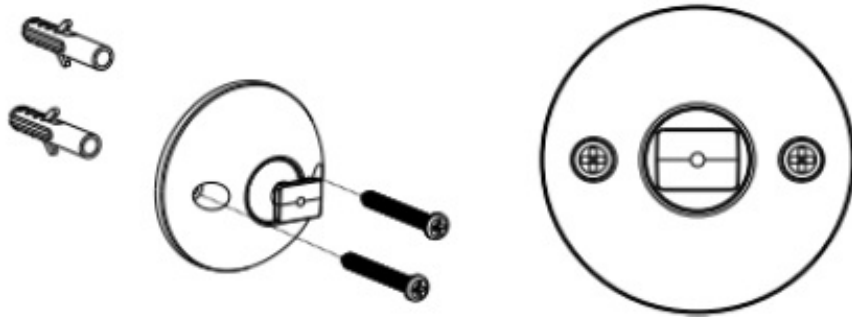
5. INSTALLATION

use two CR123A batteries supplied, USB and adaptor sold separately.

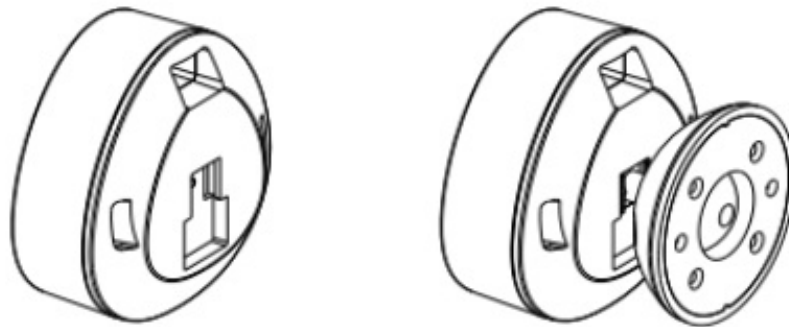
(1) Power on (battery or USB).



(2) Install the sensor's holder in desired location with crews or 3M glue.



(3) Insert the multi-sensor into its holder.



Download app

Scanning following QR codes to download APP for Android and IOS System or search for “Mirabella Genio” App from the App Store or Google Play



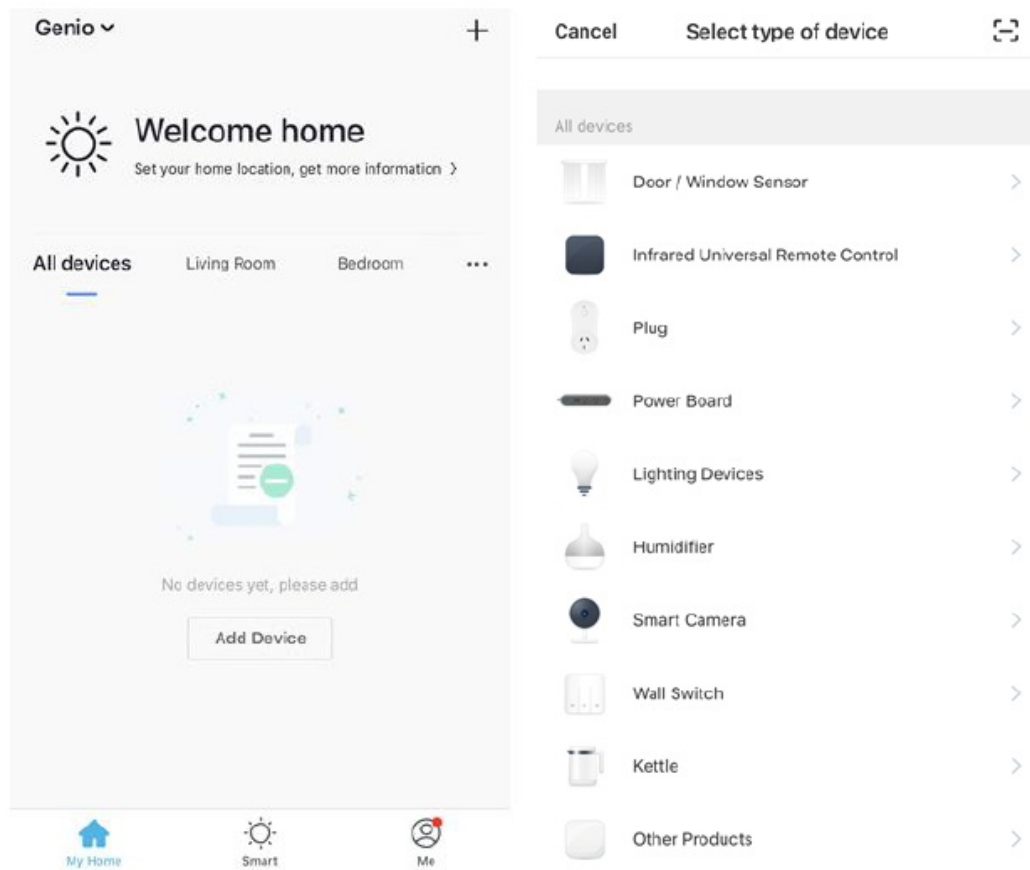
Android & iOS



Start the APP and register an account then log in APP with your account; NOTE: the motion sensor only supports the 2.4Ghz network.

7. Add Devices

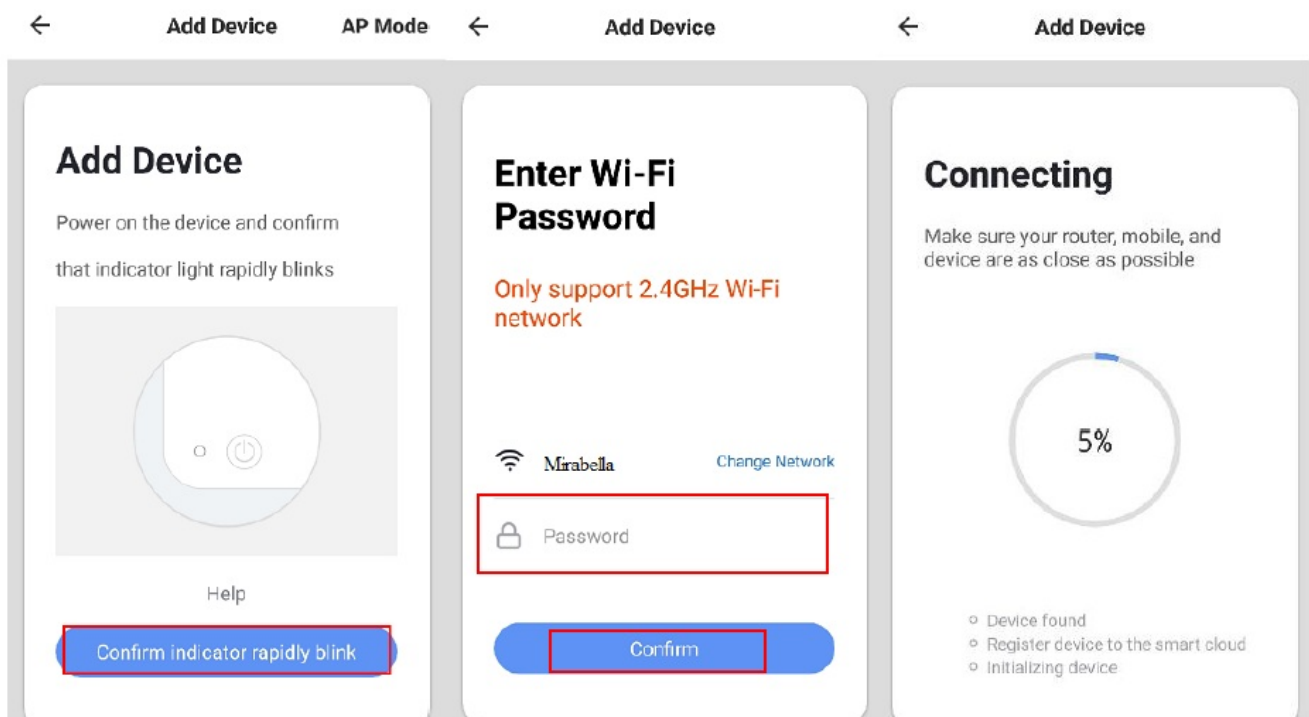
Tap **Add Device** -> -> **Tap on Device** to start the device pairing.



Add the device to the network. In EZ mode or AP mode.

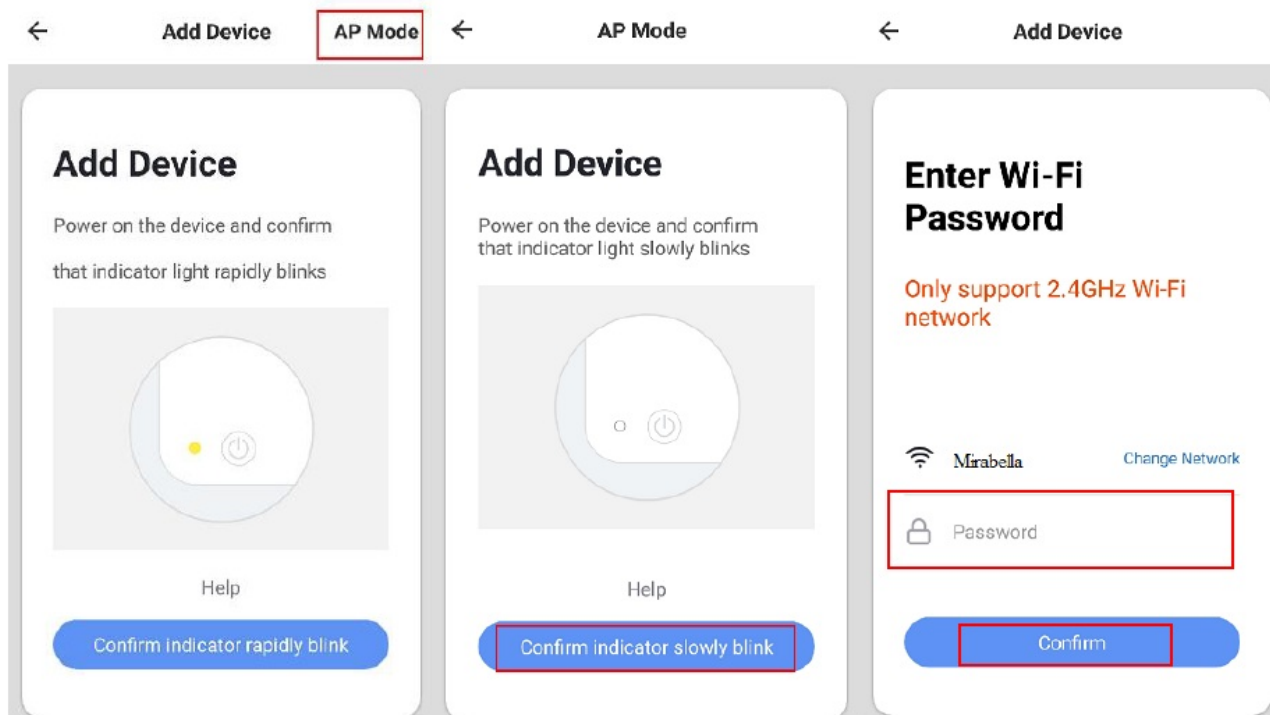
- **EZ Mode**

Power on, the blue LED indicator will blink fast, then enter the EZ mode. Click the “Confirm indicator rapidly blink”, and input the Wi-Fi password, click Confirm, it will show “connecting now”. Once it is connected successfully, click done and return to the device’s main interface.

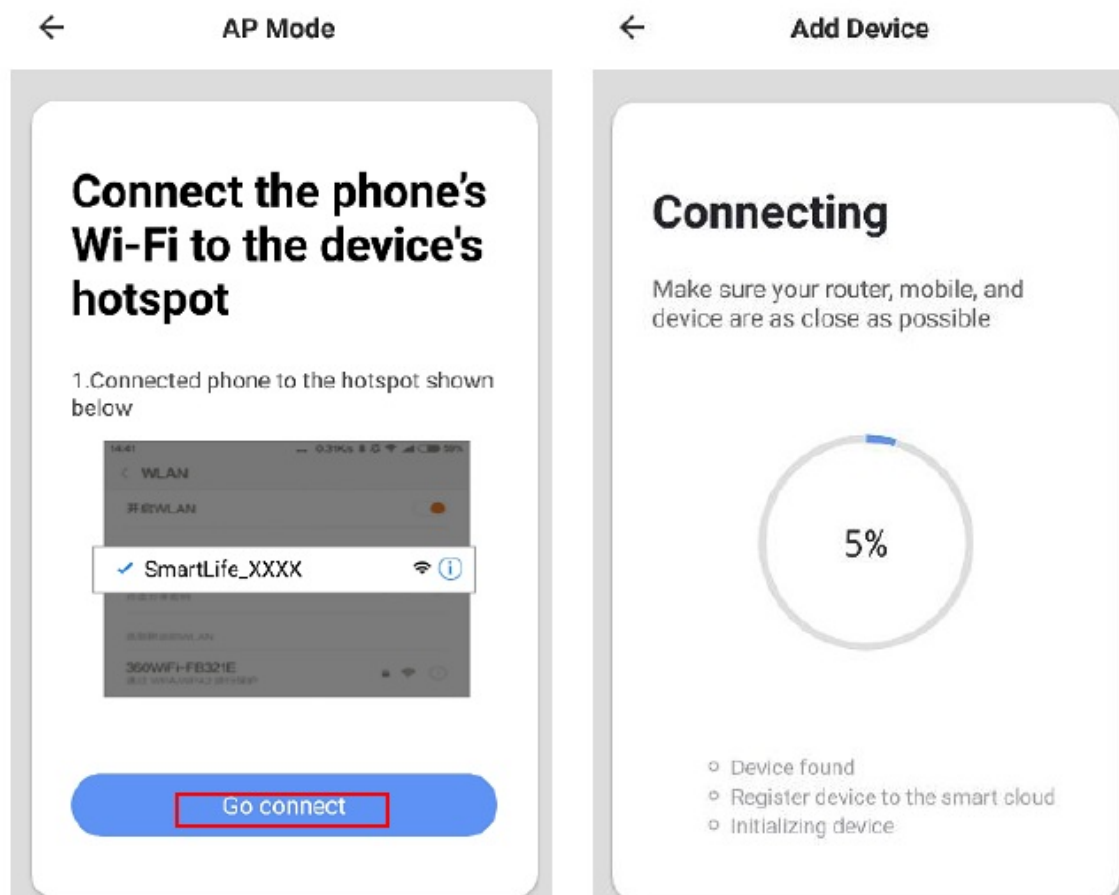


- **AP Mode**

When it into EZ Mode, Press and hold the button for 5S time, the blue LED indicator will blink slow, then enter the AP mode. Select AP Mode, click “Confirm indicator slowly blink”, and input Wi-Fi password, click “Confirm”.



Open the smartphone Wi-Fi list, select SmartLife_XXXX, and get back when connected successfully, it will show “Connecting now” then. Once it is connected successfully, click done and return to the device’s main interface.



Users can re-name or share the device after Wi-Fi connection is finished. Make sure the device is working in EZ/AP mode, if the APP works in EZ/AP mode.

Delete devices

Click “Remove Device” to remove this device from APP; click “Restore manufacturer Defaults” to remove the device from APP and clear the history record in cloud.

After remove device or Restore manufacturer defaults from the APP, repeating the WiFi network inclusion steps to include the device to a new WiFi network.

FAQ

The device fails to be added in account?

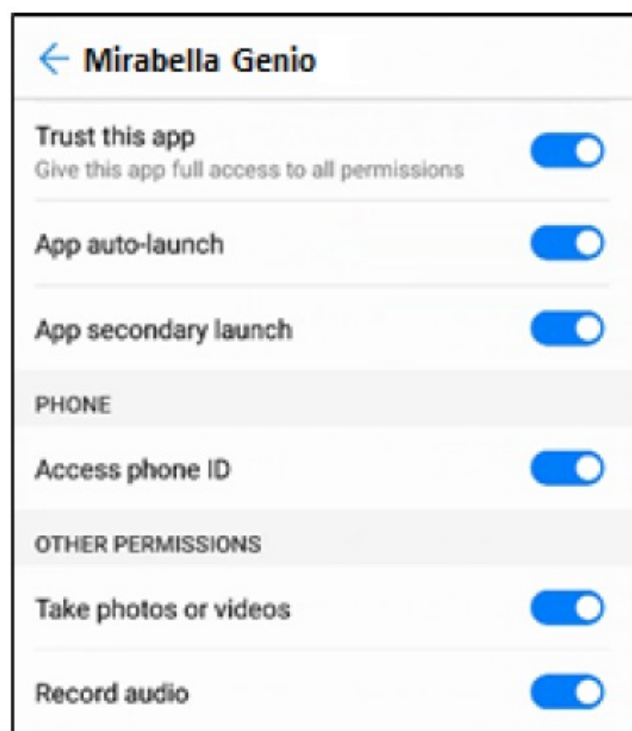
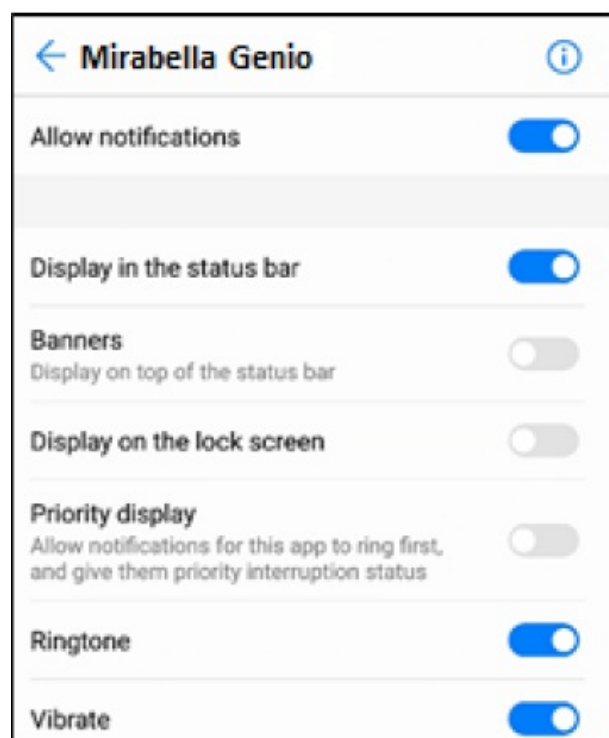
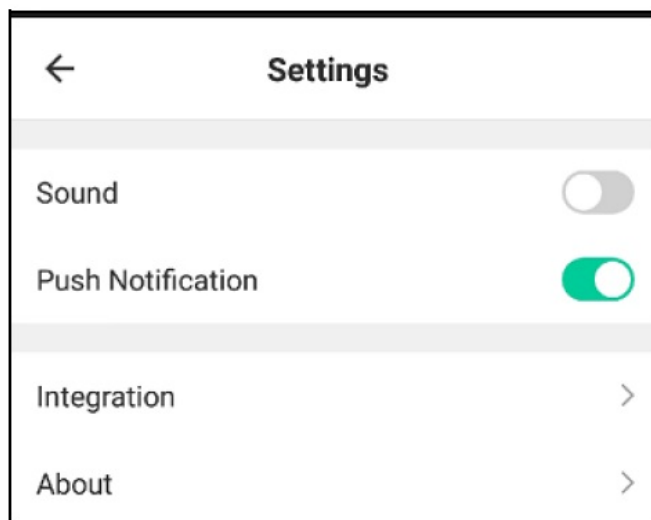
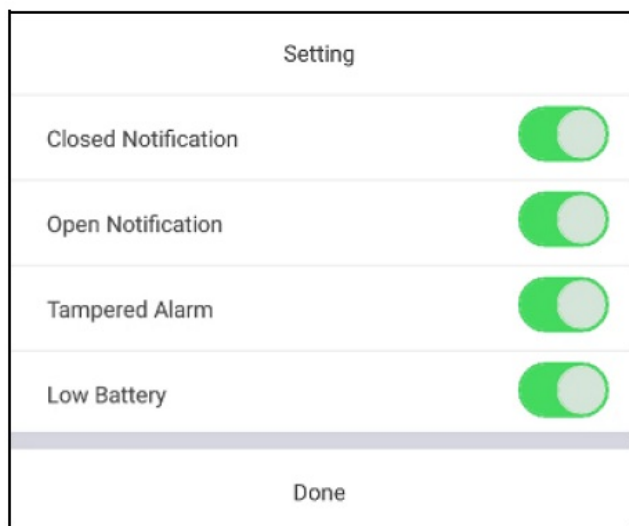
1. Make sure the Wi-Fi network is 802.11 b/g/n 2.4GHz;
2. Make sure the device works with APP in same Wi-Fi Configuration mode: EZ or AP;
3. Make sure the input SSID and password of the Wi-Fi network are correct;
4. Make sure Wi-Fi internet connection is working fine;
5. Make sure the device is powered on;

The device does not work with Alexa or Google Home

1. Make sure the device is added in your Device APP;
2. Make sure your device is linked to Alexa or Google Home account;
3. Make sure your Alexa devices or Google Home devices are working fine;
4. Make sure the device is working fine in Device APP;

The notifications can not be alerted on APP with my Android System? A: 1. Make sure the alarm setting in APP is enabled

1. Make sure the alarm setting in APP is enabled
2. Make sure the Push notification is enabled for this APP for Android system;
3. Make sure the Notification settings are enabled with this APP. The setting is different from the version of Android system and the Model of Mobile Phone. As a sample of Huawei Mate8, from Settings -> Apps & Notifications -> Apps, select the “Mirabella Genio” APP -> APP permissions -> Set individual permissions. Enable the “Mirabella Genio” APP-> notifications -> Notification management as following:





Mirabella HKWL-MS03W Motion Sensor

1. IMPORTANT INFORMATION
The HKWL-MS03W Motion Sensor is a wireless device. It is not intended for use in areas where the use of wireless devices is prohibited. Please refer to the local regulations for more information.

2. SAFETY PRECAUTIONS
• Do not touch the sensor with bare hands. The sensor is sensitive to touch and may be damaged.
• Do not use the sensor in areas with high humidity or moisture. This may affect the sensor's performance.
• Do not use the sensor in areas with strong magnetic fields. This may interfere with the sensor's operation.
• Do not use the sensor in areas with high temperatures. This may damage the sensor.
• Do not use the sensor in areas with high levels of vibration. This may affect the sensor's accuracy.

3. INSTALLATION INSTRUCTIONS
• The sensor should be installed in a dry, well-ventilated area.
• The sensor should be installed at a height of at least 2 meters from the ground.
• The sensor should be installed in a location where it is not exposed to direct sunlight or rain.
• The sensor should be installed in a location where it is not exposed to strong magnetic fields or high temperatures.

4. TECHNICAL SPECIFICATIONS
• Model: HKWL-MS03W
• Power supply: 3x AA batteries (not included)
• Range: Up to 100 meters
• Sensitivity: Adjustable (ON/OFF)
• Operating temperature: -10°C to 40°C
• Storage temperature: -20°C to 60°C
• Weight: 150g
• Dimensions: 50mm x 50mm x 30mm

[mirabella HKWL-MS03W Motion Sensor](#) [pdf] User Manual

HKWL-MS03W, Motion Sensor