

Motion Sensor User Manual

HKSWL-MS06

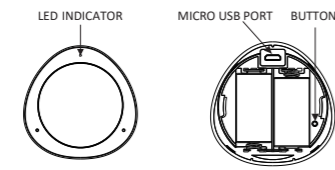
1. PRODUCT OVERVIEW

HKSWL-MS06 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 motion is detected within the detection range.

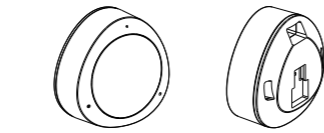
2. PRODUCT FEATURES

- Digital PIR sensor with low power consumption and strong anti-interference performance;
- Push notification to your phone when motion is detected
- Low battery alert and alarm push notification on APP
- Offline Notification (To avoid constant reminders, an offline notification will be sent if the device stayed offline over 24 hours)
- 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
- Compliant with CE, FCC and RoHS
- Elegant design and flexible installation
- Share device in family;
- Single color LED status indicator;
- Mounting with adhesive tape or screw;
- Works with Amazon Alexa, Google Home ;
- Support OTA
- Scene setting is supported. It can be worked as a trigger to activate the other smart devices. For Example, when motion is detected, lights on

3. PRODUCT STRUCTURE



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Definition of LED Indicator

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

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

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4. Specifications

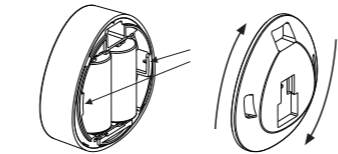
Power Supply	6V 2*CR123A or 5V 1A USB DC power
Working current	40mA
Standby current	40uA
Battery Capacity	1300mAh
Detection Distance	8m
Detection Angle	120°
Wireless transmitting and receiving frequency	2.4 GHz-2.484GHz
Network protocol supported	IEEE802.11b/g/n
Encryption type	WEP/TKIP/AES,WPS
Transmitting power	802.11b: +14dBm@ 11Mbps 802.11g: +13.5dBm@ 54Mbps 802.11n: +13dBm@ MCS7_HT20
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℃
Storage temperature	-20 ~ +60℃
Relative humidity	8% ~ 80%

Caution: Please do not use the DC power exceeding 5V 1A to power the device

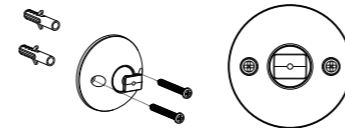
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5. INSTALLATION

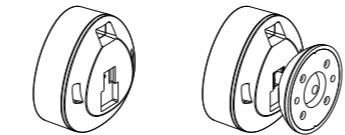
(1) Power on (battery or USB).



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



Self-tapping screw PA3.5*30, Cross pan head, pointed end, hardened, nickel plated white (2PCS)



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6. Download app

6.1 Scanning following QR codes to download APP for Android and IOS System

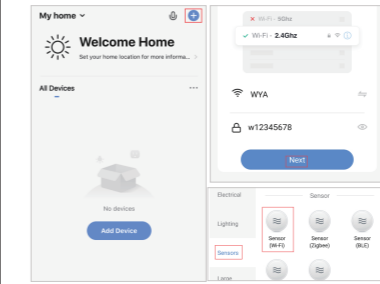


iOS & Android

6.2 Start the APP and register an account with your email address then login APP with your account;

7.Add Devices

7.1 Click "Add Device" or "+"upper right, and then select the "Sensors" and "Sensor(Wi-Fi)"next, input the Wi-Fi password. Click "Next".

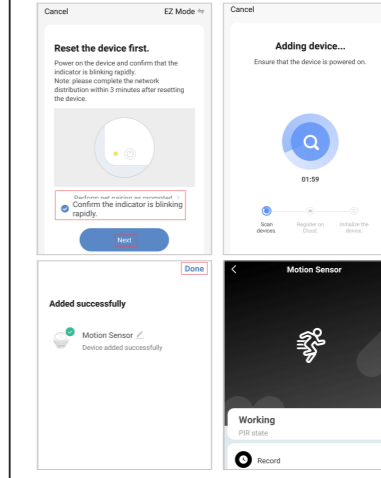


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7.2 Add the device to the network.

•EZ Mode

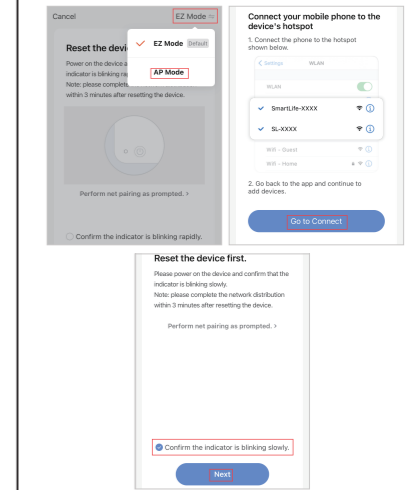
Power on, the red LED indicator will blink fast, then enter the EZ mode. Click the "Confirm indicator is blinking rapidly", and click the "Next", it will add device, once it is connected successfully, click "Done" upper right and switch to the device main interface.



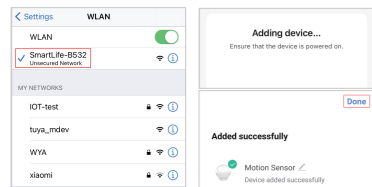
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•AP Mode

Power on, the red LED indicator will blink fast and hold the button for 5S time, then the LED indicator will blink slowly in red, Select "AP Mode" upper right, click "Confirm the indicator is blinking slowly" and click the "Next",then click "Go to Connect".



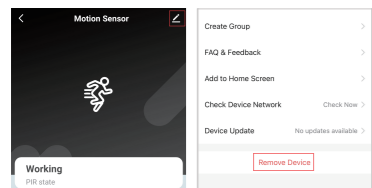
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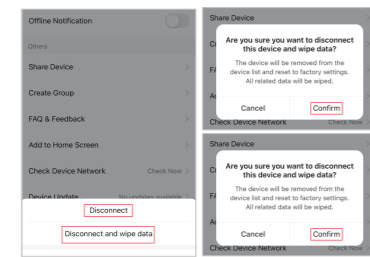
7.3 Users can re-name or share the device after Wi-Fi connection is finished.

8. Delete devices

8.1 Click the upper right on the device main interface, and click "Remove Device", select "Disconnect" and then click "Confirm" to remove this device from APP. Select "Disconnect and wipe data" and then click "Confirm" to remove this device from APP and all related data will be wiped.



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After remove device from the APP, repeat "Add Device" steps to add the device to a new WIFI network.

9.QUICK GUIDE OF USING AMAZON ECHO TO CONTROL SMART DEVICES

9.1 What you need to get started

Before using Echo to control your smart devices, please make sure that the following conditions are met:

- Stable Wi-Fi network which could access to Amazon server.
- An Echo device, such as Echo, Echo Tap, or Echo Dot.
- A valid Amazon Alexa account.
- At least one device under your Smart Life account.

9.2 Add devices in Smart Life app (Refer to App Instruction)

You can skip this part if you've already added some devices to your Smart Life account.

•Download Smart Life app (Refer to App Instruction)

Search "Smart Life" in App Store or Google Play to install the app.

iOS version download: [App Store](#)

Android version download: [Google Play](#)

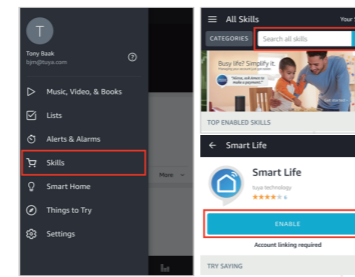
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•Register a Smart Life account and sign in the app (Refer to App Instruction)

•Add device and re-name the device (Refer to App Instruction)

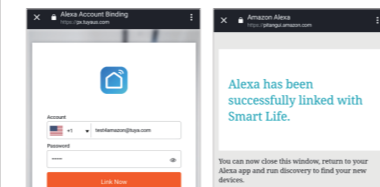
9.3 Link Smart Life account to Echo

1) Tap " Skills" in the hamburger menu, then search "Smart Life". Select "Smart Life" and tap "ENABLE" to enable the Skill.



2) You will be re-directed to the account link page. Type in your Smart Life account and password, don't forget to select the country/region where your account belongs to. Then tap "Link Now" to link your Smart Life account. The country/region, the account, and the password must Match exactly/be the same with the Smart Life account. Close the window when "Alexa has been successfully linked with Smart Life" notice is prompted out.

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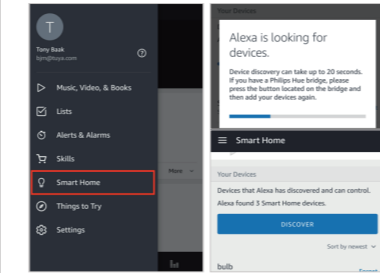


9.4 Control your smart devices through Echo

•Discover devices

Echo needs to discover your smart devices for voice control. You can say "Alexa, discover devices" to Echo. Echo will discover devices which have already been added in the Smart Life app.

You can also tap "DISCOVER" to discover the smart devices. Discovered devices will be shown in the list.



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Note:

•Echo needs to go through "Discover" again after the device is re-named in Smart Life APP.

•If the Echo cannot find the devices added in Smart Life APP, please disable the Smart Life skill first and go through the Smart Life skill "ENABLE", APP account login and device discover again to make Echo voice control work.

•Voice control your devices

Now you can control your smart devices through Echo. Here below is an example of how to voice control the device "motion" with Echo:

•Alexa, what is battery on motion

10. QUICK GUIDE OF USING GOOGLE HOME TO CONTROL SMART DEVICES

10.1 Control your smart devices through Google Home

Before using Google Home to control your devices, make sure the following conditions are met:

- A Google Home device, or Android phone with Google Assistant.
- Latest Google Home app.
- Latest Google app (Android only)
- A Google account.
- The device display language must be set to English US.
- Smart Life app and a related account.
- Smart devices.

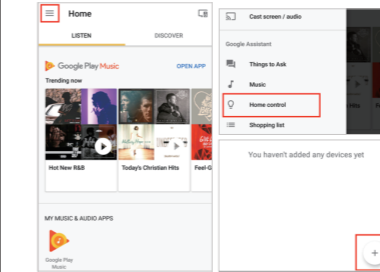
10.2 Add devices in Smart Life app (Refer to App Instruction)

You can skip this part if you've already added some devices to your Smart Life account. And refer to 8.2 Add devices in Smart Life app for adding devices in Smart Life APP.

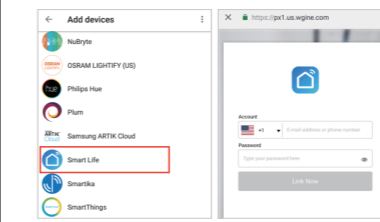
10.3 Link Smart Life account in Home Control

1) Tap "Home Control" in the hamburger menu on the Google Home app's home page, then tap "+".

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2) Find "Smart Life" in the list. In the new window, select your Smart Life account's region, type your Smart Life account and password, and then tap "Link Now". After you assign rooms for devices, your devices will be listed in the Home Control page.



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10.4 Control your smart devices through Google Home

Now you can control your smart devices through Google Home. Here below is an example of how to voice control the device "motion" with Google Assistant:

•Ok Google, what is battery on motion

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10. FCC NOTICE

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
- (2) This device must accept any interference received, including interference that may cause undesired operation.

The manufacturer is not responsible for any radio or tv interference caused by unauthorized modifications or change to this equipment. Such modifications or change could void the user's authority to operate the equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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