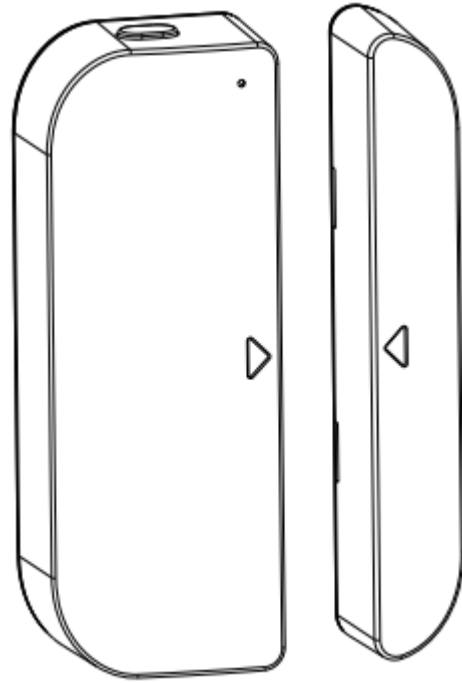




Wi-Fi Door/Window Sensor User Manual

HKS WB-DWS09

Note: If you have any questions about the APP or device, please click **Profile**
->Feedback to fill your feedback to us in APP.

1. PRODUCT REVIEW

This **Door/Window Sensor** is a Wi-Fi, battery powered reed sensor, including device part and magnet part. Working with APP together in your mobile phone, once the state changing (close or open) detected, the device will wake up the Wi-Fi connection to Wi-Fi router, send an alarm signal to your mobile phone via Wi-Fi network, in the case that the APP internet is available locally or remotely. The alarm is selectable as a notification on your mobile phone with bar display, banner with tone, vibration based on the APP Notification setting on your Mobile Phone. There is an around 2-second delay from the state changes to notification on your mobile phone depending on the internet connection quality.

Besides working with APP, this device is compatible with Amazon Alexa and Google Home to check the device state (close or open), such as "Alexa, is the door open/closed?" or "OK Google, is the door on/off?" after the device linked to Alexa account and Google Home account correctly.

This device is working as a scene to trigger other device action that are compatible in same APP such as to turn on/off plug and bulb.

This device can be installed on Door, Window and Drawer, which one part is the frame and the other part can be moved.

2. PRODUCT FEATURES

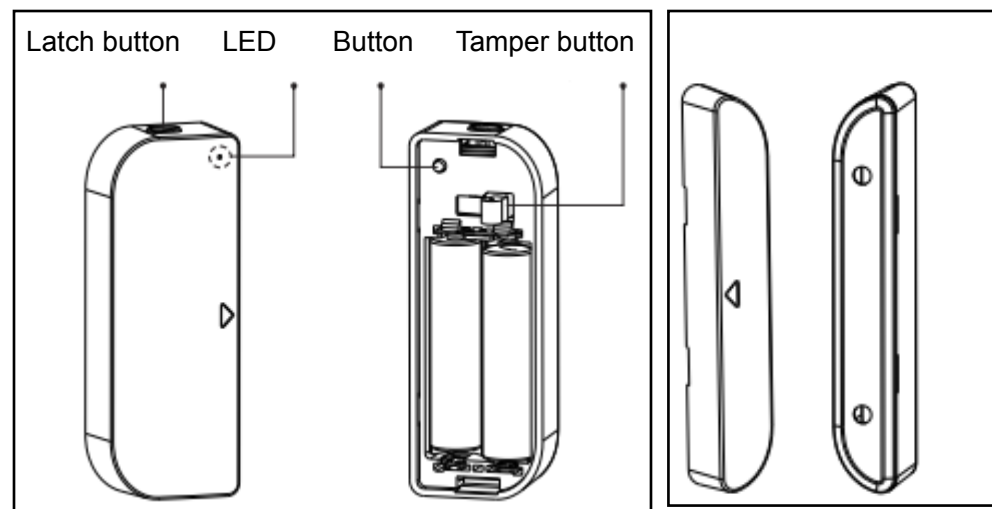
- Working in 802.11 b/g/n 2.4GHz wireless network (no hub required);
- Wi-Fi network configuration with EZ (Smart Config) and AP(Access Point) mode;
- Powered by 2xAAA battery for lasting 6 months depending on alarm frequency;
- Real state (open/close) monitor in APP;
- Notification with Open/Close and Low battery (less than 10%);
- Offline Notification (To avoid constant reminders, an offline notification will be sent if the device stayed offline over 24 hours)
- Enable/disable notifications on Open/Close and low battery event in APP;
- Indicate the battery level in APP;
- Open/Close history record;
- Share device in family;
- Single color LED status indicator;
- Mounting with adhesive tape or screw;
- Works with Amazon Alexa, Google Home ;
- Support OTA

How to Get the device working:

- Make sure your Wi-Fi network work in 802.11 b/g/n 2.4GHz and internet available;
- Download the APP from Apple store or Google Play;
- Register an account in APP and login with your email address or Mobile phone number;
- Setup the device Wi-Fi connection;
- Mount device on specified location;
- Test and check the Device and APP working state;
- Check working with Alexa and Google Home if necessary;

3. PRODUCT DESCRIPTION

This main device components are showing as following:



Device Part Magnet Part

- 1) Latch button: press the Latch button to take apart the battery cover from the device part in order to change the batteries or setup the Wi-Fi network.
- 2) Button: Long press for 5 seconds this button to enter the Wi-Fi network mode.
Switch between EZ mode and AP mode by long press the button more than 5 seconds
- 3) LED indicator: indicate the device working state:
 - Fast blinking in Red: EZ mode (Smart config) for Wi-Fi configuration;
 - Slow blinking in Red: AP Mode for Wi-Fi configuration;
 - Flash once in Red: Wi-Fi network connected, move the magnet from the device part to flash the Red;

Note:

- 1) To check the device is working or not: Move the magnet part to close the device, the LED indicator will flash;
- 2) To check the device is Wi-Fi connected or not: If the LED indicator turns Red, the device is Wi-Fi connected.

4. PRODUCT SPECIFICATIONS

Power supply	2*AAA battery , 3V
Wireless frequency	2.4GHz ~ 2.484GHz
Network protocol	IEEE802.11 b/g/n
Transmitting power	802.11b:14dBm±2dBm@1Mbps 802.11g:13.5dBm±2dBm@54Mbps 802.11n:13dBm±2dBm@MCS7_HT20
Receiving sensitivity	802.11b:-89dBm@11Mbps 8%PER 802.11g:-75dBm@54Mbps 10%PER 802.11n:-72dBm@MCS7_HT20 10%PER

Vector error EVM	802.11b:≤35% 802.11g:-28dBm max. 802.11n:-29dBm max.@MCS7_HT20
Working temperature	-10 ~ +40°C
Storage temperature	-20 ~ +60°C
Relative humidity	8% ~ 80%

FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance 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 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 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