SH 510

swisstone®
Hergestellt in China

Instructions

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Congratulations to your new Smart home device, swisstone SH 510. This Smart Wi-Fi window/door sensor detects and reports opening and closing of doors and windows. Easily installed on any door or window, the sensor triggers a signal when parted. This lets you know when a room is entered, if a window or a door has been left open or tampered, a push notification will be reported to your smart phone.

1. Install the KAFO app

Download and install the app **KAFO** from Google Play or App Store on your smartphone.

Compatible devices

- Android version 4.1 and later
- iOS version 9.0 and later
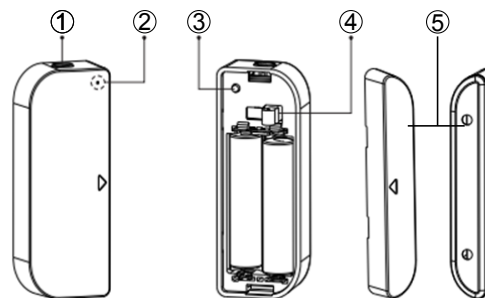- 2.4 GHz Wi-Fi network

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2. Register/login on the KAFO APP

When first opening the KAFO app, select to **Register** a new account or **Login** if you already have an account.

Note! Be sure to remember the username and password for later use with Amazon Echo or Google Home integration.
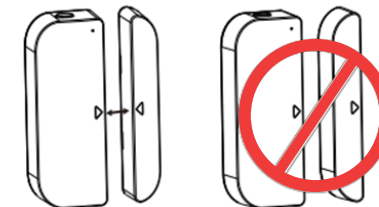
3. Product overview

1. Latch button
2. LED
3. Reset button
4. Tamper button
5. Magnet

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4. Placement

- Place the sensor indoors at a temperature between -10 and +40 °C.
- The magnet has to be placed on that side of the sensor which is marked with a small triangle. The triangles should point each other.
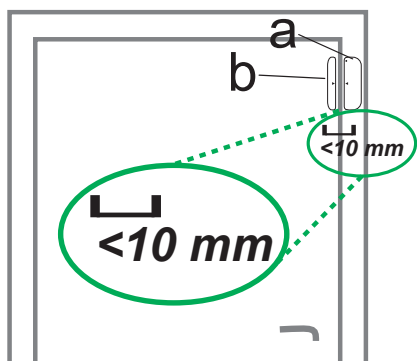

- The magnet and sensor also have to be aligned/centered thickness-wise on as similar level as possible.
- The sensor part should always be placed on the frame to protect the electronics from heavy vibrations and the magnet part on the door or window.
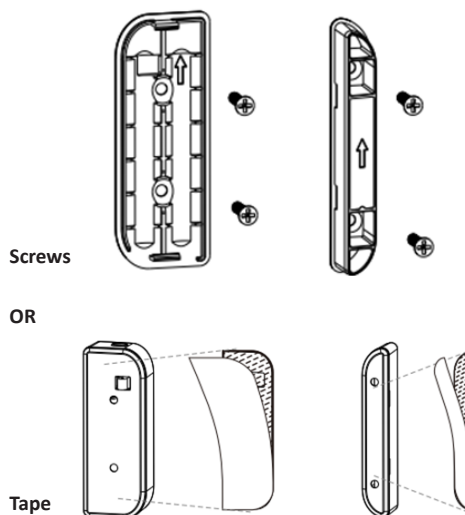
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5. Mounting

1. Open the casing of the sensor by pushing the latch button on top of the device to remove the front.
2. Insert the 2 x AAA batteries respecting the polarities.
3. Clean the surface before mounting.
4. The sensor (**a**) should be mounted to the frame.

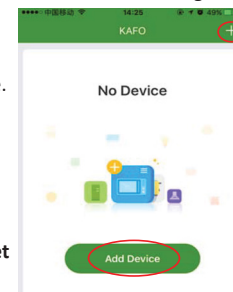**5.** The magnet (**b**) should be mounted on the door/window **no further than 10 mm** away from the arrow on the sensor.

The sensor and magnet can be mounted with either:

Screws

OR

Tape

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6. Add device, Smart Setup Option

Note! Your mobile device must be connected to the same Wi-Fi network as your SH 510 should be connected to. Please also note that SH 510 only supports 2.4 GHz Wi-Fi networks.
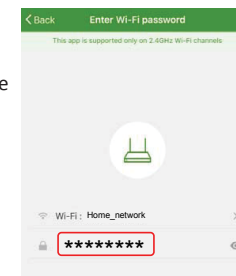
1. Mount the SH 510 according previous description. The sensor must be within the Wi-Fi network range. Avoid placing the SH 510 near potential sources of radio signal interference.
2. In the **KAFO** app, click **Add Device** or **+** in the upper right corner to add this new device.
3. Select the device type **Door/Window Sensor**.
4. Make sure the light blinks quickly, then click **Confirm indiacor rapidly blink**. , if not press the **Latch button** and open the case, press the **Reset** button for about 5 seconds.

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5. Select the same Wi-Fi your phone is connected to and enter the password for that Wi-Fi, then click **Next**.
6. When the app and the device have found each other, click ✏ to rename the device to a suitable unique name, e.g. "Front door".
7. When ready, click **Done** to add the found device to the device list in the app.

You can also click **Share to family** to share the device with your family. Enter their KAFO account to share the device control.

Device properties

Click ● ● ● in the upper right corner to view and modify the device settings:

- **Modify Device Name**: to change the device name. If you for instance move the plug it can be good to have a matching name.
- **Device sharing**: to share the device with other KAFO accounts.
- **Device info**: detailed information about the device.
- **Create Group**: group this device with other devices.
- **Echo**: pairing instructions for Amazon Echo (Alexa).
- **Google Home**: pairing instructions for Google Home.
- **Send Feedback**: send feedback to the developers
- **Check for Firmware Update**: for keeping the device updated with the latest improvements.
- **Remove Device**: remove the device paring.

7. Profile

View and modify you profile settings.

- **Scenes**: see previous chapter.
- **Device sharing**: to share the device with other KAFO accounts.
- **Message Center**: see messages from devices or service.
- **Integration**: see instructions on how to integrate voice control services like, Amazon Echo (Alexa) or Google Home.
- **Scan QR code**: for adding devices that comes with a QR code.
- **Feedback**: send feedback to the developers
- **About**:
  - **Rate Us**: Rate this app.
  - **Current version**: check app version.
  - **Check for Update**: for keeping the device updated with the latest improvements.

Click **Settings** in the upper right corner to view and modify the profile settings.

8. Reset

A reset of the device can help you troubleshoot any issues that you may have. Please keep in mind that a factory reset will erase all of your custom settings and restore them to factory default settings.

Reset the SH 510 by pressing the **Latch button** and open the case, press the **Reset** button for about 5 seconds.

After the reset, the SH 510 will enter pairing mode and blink quickly.

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9. Other information

Safety instructions

⚠️ **WARNING**
The unit and the accessories can contain small parts. Keep all of the equipment out of the reach of small children.

- The product is intended for indoor use only.
- Use the product for its intended purpose only.
- Protect the unit from moisture. Rain/snowfall, moisture and all types of liquid can contain substances that corrode the electronic circuits. If the unit gets wet, immediately disconnect the power supply.
  Before further use, make sure that the device has completely dried out and is functional. If necessary, seek professional advice.
- Do not use or keep the unit in dusty, dirty environments. The unit's moving parts and electronic components can be damaged.
- Do not keep the unit in warm places. High temperatures can reduce the lifespan for electronic equipment and distort or melt certain plastics.
- Do not keep the unit in cold places. When the unit warms up to normal temperature, condensation can form on the inside which can damage the electronic circuits.
- Do not drop the unit. Do not knock or shake it either. If it is treated roughly the circuits and precision mechanics can be broken.
- Do not use strong chemicals to clean the unit.
- Do not use the product in areas where the use of electronic devices is not permitted.
- Do not modify the product in any way. Doing so voids the warranty.
- Do not attempt to disassemble, repair, or modify the device.

If the unit is not working as it should, please contact the place of purchase for service. Don't forget the receipt or a copy of the invoice.

Correct disposal of this product

(Waste Electrical & Electronic Equipment)
(Applicable in countries with separate collection systems)

This marking on the product, accessories or manual indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal. This product is RoHS compliant.

Correct disposal of batteries in this product

(Applicable in countries with separate collection systems)
The marking on the battery, manual or packaging indicates that the battery in this product should not be disposed of with other household waste. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment. To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

RF Exposure Information

This device meets the EU requirements on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

The device complies with RF specifications when the device used at 20 cm from your body.

Declaration of Conformity

CE We hereby declare that the radio equipment type swisstone SH 510 is in compliance with Directives: 2014/53/EU and 2011/65/EC (RoHS).
A copy of the Declaration of Conformity is available at www.swisstone.de.

Warranty

In case you need support during setup or usage of your product you will find the relevant contact details on the following website: www.swisstone.de.

If you detect a defect resulting from manufacturing and/or material faults within 24 months from purchase, please contact your dealer. The warranty does not apply for improper treatment or failure to comply with information contained in this user guide, for interference on device executed by dealer or user (e. g. installations, software downloads,...) and for total loss. Furthermore it does not apply to ingress of liquids, use of force, non-maintenance, improper operation or other circumstances caused by the user. It also does not apply to failure caused by a thunderstorm or any other voltage fluctuations. The manufacturer reserves the right in this case to charge the customer for replacement or repair. For wear parts such as batteries or casing a restricted warranty period of 6 months is valid. Manuals and possibly supplied software are excluded from this warranty. Further or other claims arising from the manufacturer's warranty are excluded. Thus, there is no liability claim for business interruption, loss of profits, loss of data, additionally installed software by user or other information. The receipt with purchase date forms the warranty proof.

Technical Specifications

Battery	2 x AAA
Wi-Fi (MHz) [maximum radio-frequency power/dBm]	IEEE 802.11b/g/n (2412-2472) [20]
Operating temperature	Min: -10 °C Max: 40 °C
Storage temperature	Min: -40 °C Max: 70 °C

No restrictions exist in the use of radio frequencies or frequency bands in all EU member states and EFTA countries.