

**EASTHOUSE**

EASTHOUSE Safe Monitor  
Instructions

Model: SH-SM01-A

Doc.No.: SH-SM01-231012-EU

Version No.: V1.01

Date: 2023-10-12

# Welcome!

Download the EASTHOUSE Guard App to begin



## Need help?

Contact us if you have questions  
with installation or setup.

[support.easthouse.net](http://support.easthouse.net)

## Package Includes:

- Safe Monitor
- External antenna (200 cm cable)
- Internal antenna (15 cm cable)
- 2 Mounting screws M3 x 8
- Mounting Velcro



**The EASTHOUSE Safe Monitor is a Wi-Fi device designed with the functions below:**

- Reports temperature, humidity, door open status and vibration
- Ensures your valuables are safe and secure
- Connects to your home's Wi-Fi
- Powered by AA batteries
- Works in any safe
- Allows remote monitoring of your safe

**Using the EASTHOUSE Guard App, available on iOS or Android, the Safe Monitor remotely monitors:**

- Temperature
- Humidity
- Door status
- Vibration
- Wi-Fi signal strength
- Battery status

## **It can receive alerts/notification for:**

- Temperature beyond set points
- Humidity is above/below acceptable range
- Laser detection (indicating safe door open status)
- Vibration caused by safe attack

## **Getting Started:**

### **1. Download the EASTHOUSE Guard App**

Download the EASTHOUSE Guard App from the Apple App store or Google Play store

### **2. Antenna connection:**

Connect the antenna to the antenna connection port.  
There are 2 antennas included in the box:

- Antenna with a 15 cm cable - this can be used if your Wi-Fi signal is strong enough to communicate with the Safe Monitor through the safe structure.
- Antenna with a 200 cm cable - this antenna can be affixed outside the safe and the cable can be routed through a 7 mm hole through the safe wall to the Safe Monitor inside the safe.

### 3. Installation:

- Slide the cover open to access the battery compartment
- Install 3 AA batteries
- Connect the appropriate antenna based on your Wi-Fi signal strength
- Position the Safe Monitor in the safe with the laser sensor towards the safe door, as shown in Figure 1.

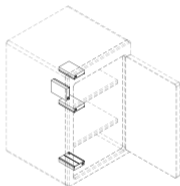


FIGURE 1

#### Note:

- With cabinets lacking flanges, install the device as close to the door as feasible.
- For cabinets with flanges, ensure the device is positioned away from these flanges to prevent interference.
- Maintain a clear space of 3 to 5 cm around the laser, free from any potential obstructions.



The Safe Monitor can also be powered externally by mains. While using an AC/DC adapter there should be no batteries inserted in the device.

An AC/DC adapter is not part of the scope of delivery. The Safe Monitor may only be powered by adapters with CE marking that meet all of the following specifications:

Input voltage: 100-240 V AC

Output voltage: 5 V DC

Output current: 1 A

Power: 5 W

Connector plug DC: 1 x 5.5 x 2.1 x 10 mm

Switch-mode power supply

Short-circuit proof

Protection against overload

Protection against overcurrent

There are two options for affixing the Safe Monitor:

a) Use the included Velcro tape - adhere Velcro to the bottom of the device and affix to an appropriate location in the safe.

b) Fasten with the screws

a. Slide to open the Safe Monitor cover to reveal two installation holes. The screw holes are located in the battery case shown in Figure 2.

b. Using the two M3 x 8 pan-head screws fasten the Safe Monitor to a surface such that the laser sensor is facing the door opening

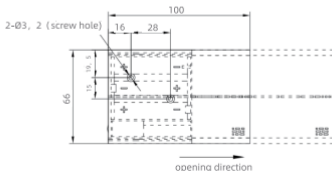


FIGURE 2

**Note:**

Place the Safe Monitor such that the laser sensor faces the door opening.

Make sure the Safe Monitor is installed such that the sliding cover can still be opened to change batteries.

#### 4. Setting up the Safe Monitor on the App:

In the EASTHOUSE Guard App, tap on "+" (Add Device).

Then, select "Sensors" and "Safe Monitor". Follow the instructions in the app to pair the device to your account.

Enjoy your Safe Monitor!

#### Technical Info:

Product Name	Safe Monitor
Model No.	SH-SM01-A
Input Voltage	4.5V
Input Current	<1A
Power Consumption	5W
Operating Humidity	<95% RH
Operating Temperature	0°C - +50°C
Product Dimensions (mm)	100 x 66 x 20
Laser Sensor	Class 1 laser

## 5. Safety information

In general:

- The Safe Monitor should only be used for private household use, as described in these instructions.
- Please ensure that these instructions are fully understood before operating the device and keep it for future reference.
- Only use attachments or spares recommended or supplied by EASTHOUSE.
- Do not continue to use the device if it appears faulty.
- Keep the device dry.
- Do not place the product on hot surfaces, near hot surfaces, near an open fire or in direct sunlight.
- It should be noted that the Safe Monitor is intended for use in the home environment only and is not suitable for use in particularly critical areas. The Safe Monitor does not constitute an alarm system or break-in alarm system, in particular not in accordance with the corresponding DIN and VdS standards.
- With the help of the Safe Monitor various occurrences such as opening the safe door can be detected and notifications sent to the user. However, despite adhering to the state of the art, it is not always possible to rule out false alarms or to determine occurrences correctly.

Safety instructions for the batteries:

- Use three AA LR6 1.5V batteries;
- The battery must be placed with the correct polarity (+, -);
- Empty batteries should be taken out of the product;
- The battery port must not be short-circuited;
- When not in use for a long time, please remove the batteries to prevent leakage;
- Do not throw batteries into fire;
- Do not discard used batteries.

Operating environment:

- Keep away from strong magnetic appliances or objects when installing the device.
- Install the device on the inside of the safe.
- Use this product within the temperature range of 0°C - +50°C.

Children safety:

- This device and its accessories may contain small parts. Keep the device and its accessories out of the reach of children.
- This device is not a toy. Children should use the device under adult supervision.
- Keep away from pets.

## 6. Warranty

In accordance with EU law, the EASTHOUSE Safe Monitor purchased in the EU from Easthouse Electronics Technology B.V. is warranted for two years from the date of purchase by the original end-user to be free of defects in materials and workmanship. In the event of such defect, the product will be repaired or replaced without charge. This is provided that a valid purchase receipt is submitted with the product and the fault is one of legitimate electrical or mechanical failure.

Product failure occurring as the result of factors that do not constitute genuine manufacturing defect are not covered under the terms of the warranty and any repairs of this nature would be chargeable. The EASTHOUSE Safe Monitor warranty excludes defects due to normal wear, abuse, shipping damage, or failure to use the product in accordance with the instructions. This warranty is void in the event of unauthorised repair or modification, or removal or defacing of the product label and/or serial number. The EASTHOUSE Safe Monitor's two-year warranty is not transferrable and is redeemable only by the original end-user purchaser.

As your first action for warranty support, you should always contact and return products to your local EASTHOUSE Safe Monitor dealer or distributor where the product was purchased, who will exercise the warranty terms.

Your second point of contact will be Easthouse Electronics Technology B.V. directly, who will attempt to find local assistance for you, or provide authority to return your products to the Easthouse Electronics Technology B.V. office in Den Haag, the Netherlands. You should always contact your local EASTHOUSE Safe Monitor dealer or distributor where the product was purchased before trying to obtain a return authorisation from Easthouse Electronics Technology B.V.. We will not accept any returned products without prior authorisation from us.

Shall the warranty period from the dealer or distributor exceed the EASTHOUSE Safe Monitor warranty period it will remain the responsibility of the dealer or distributor. Shall the standard warranty terms of the dealer or distributor expire before those of Easthouse Electronics Technology B.V., the Easthouse Electronics Technology B.V. terms will apply and the balance of the warranty period will be the responsibility of Easthouse Electronics Technology B.V..

### Maintenance:

- Do not step on or hit the device to avoid damage to the device.
- When the batteries are too low, please replace the batteries in time to prevent the device from working improperly due to low battery.
- Clean the device with a dry towel.
- The laser sensor has always to be clean.

### Laser sensor:



- The device is equipped with a class 1 laser sensor in order to monitor the door status.
- A Class 1 laser is safe under all conditions of normal use. This means the maximum permissible exposure (MPE) cannot be exceeded when viewing a laser with the naked eye or with the aid of typical magnifying optics (e.g. telescope or microscope).



## FCC WARNING

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE: 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

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.

FCC ID: 2AHMR-ESP32S



This device complies with the European Directives 2014/53/EU and 2011/65/EU. To receive a copy of the declaration of conformity, please send the manufacturer a corresponding request by e-mail to [info@easthouse.net](mailto:info@easthouse.net)

## Take-back of old devices



The above symbol means that the old device must be disposed of separately from household waste.

The Safe Monitor is marked according to the European directive 2011/65/EC on Waste Electrical and Electronic Equipment (WEEE). By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and the health of humans and animals, which could otherwise be caused by inappropriate waste handling of this product.

This device may not be treated as household waste. Instead it must be handed over to the applicable collection point for the recycling of electrical and electronic equipment. Disposal must be carried out in accordance with your local environmental regulations for waste disposal. For more detailed information about treatment, recovery and recycling of this device, please contact your local city office, your household and waste disposal service or the shop where you purchased the device.

Batteries or rechargeable batteries must be removed, if possible and if they are not permanently installed, and disposed of separately as follows. Batteries containing harmful substances are marked with the symbol above. It indicates that these must not be disposed of with household waste. According to the Battery Act, consumers are legally obliged to return used batteries to the distributor or to a public waste disposal authority. Your retailer will take back used portable batteries in household quantities free of charge in his shop and will take care of the environmentally friendly disposal or recycling of the materials. If your retailer is not near you, you can also take the used batteries to your municipal waste disposal service (e.g. collection station).

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