

eufy Glass Break Sensor E10

The eufy Glass Break Sensor E10 is a smart acoustic security sensor that detects the sound of breaking glass and sends real-time alerts to your smartphone via the eufy app. It works with the eufy HomeBase Professional, HomeBase 2, and HomeBase 3 to protect your home from intrusion through glass windows and doors.

Supported Glass Types

Type: Plate, Coated, Laminated, Tempered, Wired, and Dual Pane

Dimensions: 30 cm x 30 cm to 80 cm x 100 cm (11.8 in x 11.8 in to 31.4 in x 39.3 in)

Thickness: 2mm, 3mm, 6mm, 10mm, and 14mm (0.08 in, 0.12 in, 0.24 in, 0.4 in, and 0.55 in)

[View the How-to Video](#)

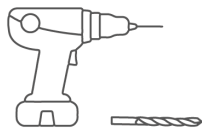
What's in the Box

- eufy Glass Break Sensor E10 (CR123AH batteries pre-installed)
- 3M Adhesive
- Mounting Bracket (Pre-installed on the sensor)
- Mounting Screws
- Quick Start Guide

Tools You Will Need



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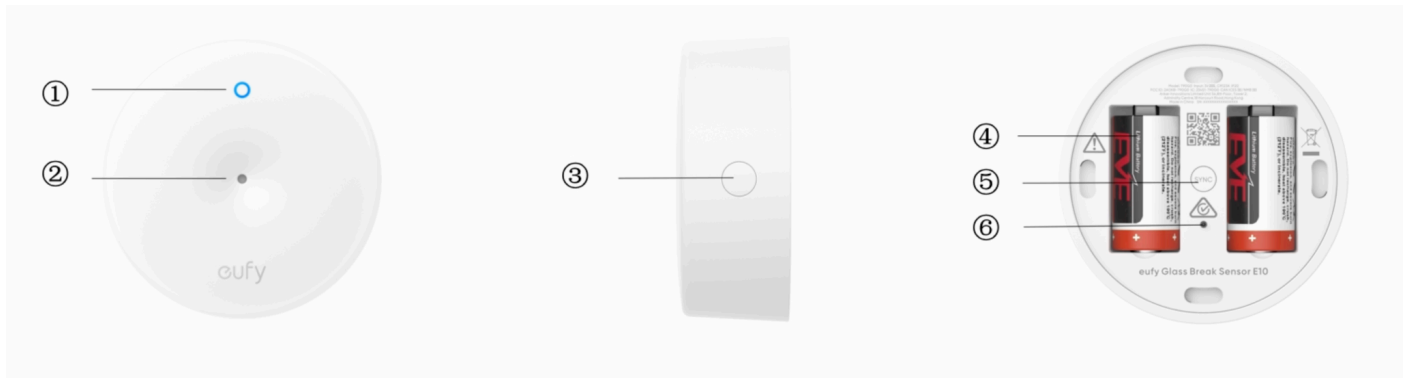
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1. Phillips Screwdriver
2. Power Drill & Drill Bit: 15/64 in
3. Hammer
4. Ladder

At a Glance



1. LED Indicator
2. Microphone
3. Test Button
4. Battery Compartment
5. SYNC Button
6. Tamper Switch

Set Up the Device

💡 Before setting up the device, make sure you've completed the setup of the HomeBase.

1. Download the [eufy app](#), and sign in or create an account.



2. Tap the + icon on the home screen, and you can either:
 - a. Scan the QR code on the device, or
 - b. Select **Alarm System** > **Glass Break Sensor E10** in the Device Family, and follow in-app instructions to complete the setup.

💡 Pull out the insulation sheet and make sure the LED blinks blue when pairing.



If not, remove the mounting bracket, and press the SYNC button for 2 seconds until it blinks blue.



Mount the Device

Step 1 Choose a Location

✗ Where NOT to Install (AVOID)

To ensure proper functionality, **DO NOT** install the sensor in the following locations:

- **Kitchens** or areas with frequent glass clinking and dish clattering



- **Near washing machines or other bathroom appliances**



- **Obstructed Views:** Where there are obstacles (furniture, decorations, etc.) blocking the direct line of sight between the sensor and the glass.



- **Same Wall:** On the same wall as the protected glass.



- **Too Close to Walls:** Within **6.5 ft (2 m)** of the wall where the glass is located, or near hard, sound-reflecting walls.



- **Near Air Vents:** Within **2 ft (0.6 m)** of air conditioning or heating vents.



- **Near toys or other children's items**



- **Near TVs, speakers, or other audio/video equipment**



💡 For best results, use the app's Test Mode to verify the installation position works in your environment. Use together with a motion sensor for full coverage. This sensor detects shattering glass only—it won't detect cracks, bullet holes, or silent glass removal.

✅ Installation Recommendations (IMPORTANT)

- Install on the ceiling or opposite wall, centered across from the glass.
- Place the sensor 6.5–13 ft (2–4 m) from the glass.
- Do not install it more than 25 ft (7.6 m) away.
- Keep the sensor within a $\pm 30^\circ$ angle of the center of the glass.
- Carpets, curtains, and plants may reduce detection range. Always use Test Mode to confirm coverage.

💡 This sensor detects the sound of shattering glass only. It will not detect:

- Bullet holes
- Cracks without impact
- Silent glass removal



For full protection, use with a motion sensor.

Minimum glass size: 1 ft × 1 ft (0.3 m × 0.3 m)

Recommended Mounting Locations

Mounting on the Opposite Wall

When installing the sensor on the wall opposite the glass:

- Make sure there is a clear line of sight between the sensor and the glass.
- Do not mount the sensor within 6.5 ft (2 m) of the glass wall or near hard, sound-reflective walls.
- Position the sensor within a $\pm 30^\circ$ angle of the center of the protected glass.
- Make sure the distance from the sensor to any corner of the glass is no more than 25 ft (7.6 m).

Mounting on the Ceiling

When installing the sensor on the ceiling:

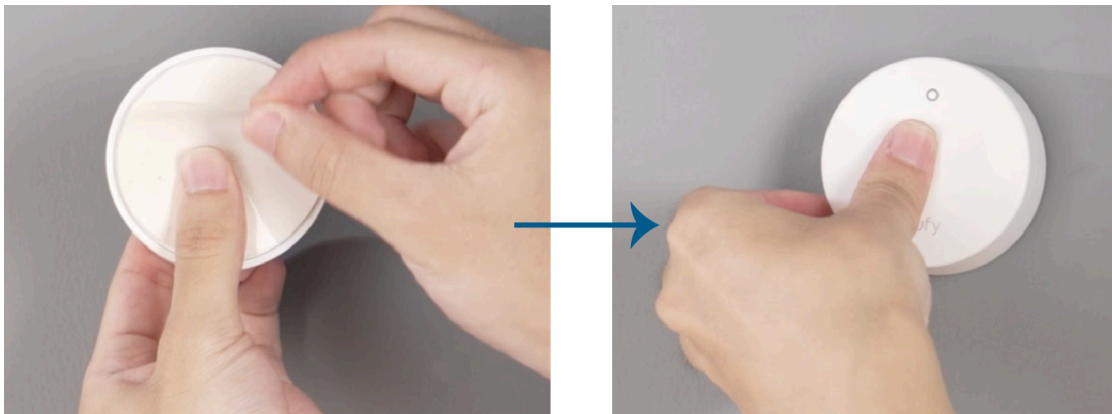
- Place it at half the distance between the glass and the opposite wall, or at 2/3 of the detection range—whichever is less.
- Make sure there is a clear line of sight between the sensor and the glass.
- The sensor may also be mounted on suspended (drop) ceilings.
- Do not mount the sensor within 5 ft (1.5 m) of the glass wall or near hard, sound-reflective walls.
- Make sure the distance from the sensor to any corner of the glass is no more than 25 ft (7.6 m).

- Position the sensor within a $\pm 30^\circ$ angle of the center of the protected glass.

Step 2 Mount the Device

Option 1: Secure with 3M Adhesives - For Smooth Surfaces (steel, marble, glass, etc.)

1. Clean the surface with a cloth or tissue and wait until the surface is completely dry before installing.
 - Dust residue may affect the adhesion of 3M adhesive.
 - If there is any oil or dirt on the surface, clean it with alcohol before mounting.
2. Attach the 3M adhesives to the back of the mounting bracket.
3. Peel the release paper off the back, and press the sensor and the magnet firmly against your desired position.



Option 2: Secure with Screws

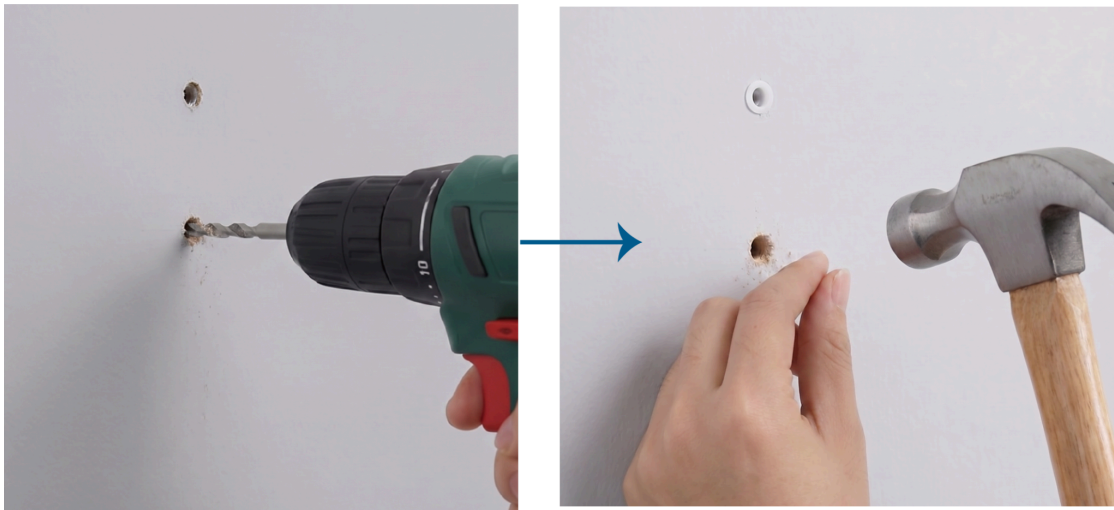
1. Remove the mounting bracket from the sensor.



2. Mark the screw holes with a pencil.



3. Drill holes and insert anchors. If mounting on a **wooden wall**, skip this step.



4. Insert the screws.



5. Press to mount the entry sensor onto the bracket.



Test the Device

1. Press and hold the test button on the device for 2 seconds until it flashes blue.
2. Turn the phone's external volume up to maximum.
3. Put the phone's speaker close to the GlassBreak Sensor and tap the play button below to play the simulated audio.
4. To avoid variations in speaker power across different brands, put your phone as close as possible to the device, ideally within a distance of 5 to 10 cm (0.16 to 0.33 ft).
5. Please note that Simulated Audio can only be detected in Test Mode.

LED Indication

Blinking Blue: Pair Mode

Solid Blue for 5 seconds: Paired / Connected to the network successfully

Red flashes twice quickly: Sensor triggered

Red flashes every 60 seconds: Low battery

Flashing **Red** and **Blue** alternately: Reset Mode or during OTA (the sensor cannot detect events in this status)

Red and **Blue** flashes alternately twice: Offline / Communication failed

Trigger Alarm

When armed, the sound of breaking glass will trigger the sensor and alert the security system.

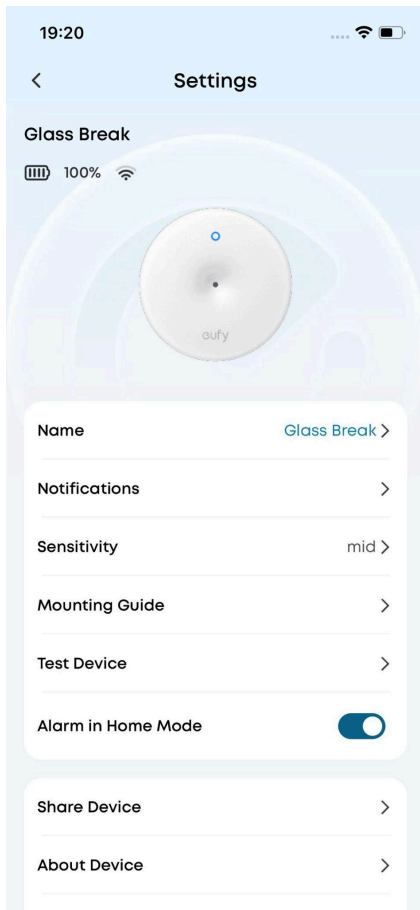
Alarm in Home Mode

When this feature is enabled, the Glass Break Sensor triggers an alarm even when your security system is set to Home Mode — providing full protection whether you are away or at home.

1. Open the eufy app and select your Glass Break Sensor.
2. Tap the **Settings** icon (gear icon) in the top right corner.
3. Locate **Alarm in Home Mode**, and toggle to **ON** to keep the sensor active in Home Mode.



When set to OFF, the sensor does not trigger alarms in Home Mode. Away Mode is unaffected — the sensor remains fully active regardless of this setting. Disable this feature only if you want to suppress glass break alarms while you are at home (for example, to avoid false triggers from everyday indoor activities).



Tamper Alarm

When removed in Armed mode, the sensor triggers an alert and notify the security system.

Replacing the Battery

Regularly check the battery level and replace when needed.

Twist to remove the mounting bracket from the sensor, and replace with 2 CR123AH batteries.



Specifications

Connectivity: Sub-1G

Battery: CR123AH

Working Temperature: 0°C to 50°C (32°F to 122°F)

Storage Temperature: -20°C to 60°C (-4°F to 140°F)

Other Information

Default Open Port 1: Sub-1G

Port Description:

After initial power-on, the device automatically starts scanning for a Sub-1G antenna and waits for the HomeBase to enter pairing mode and grant access to the Sub-1G network. Once paired, the device automatically connects to the HomeBase.

AUSTRALIA & NEW ZEALAND WARRANTY

Australian and New Zealand customers, please click [here](#) to view the warranty information.