

Tapo Tapo T110

TP-Link Tapo T110 Smart Contact Sensor User Manual

Model: Tapo T110 | Brand: Tapo

1. INTRODUCTION

The Tapo T110 Smart Contact Sensor is designed to enhance home security by providing real-time monitoring of doors, windows, and other openable items. It integrates seamlessly with the Tapo ecosystem, allowing for instant notifications and smart actions with other compatible devices. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your Tapo T110 sensor.



Figure 1.1: Tapo T110 Smart Contact Sensor and its retail packaging.

2. WHAT'S INCLUDED

Verify that all components are present in your package:

- 1 x Tapo T110 Smart Contact Sensor (main unit and magnet)
- 1 x CR2032 Battery (pre-installed or included separately)
- 3 x 3M Adhesive strips
- 1 x Quick Start Guide

Important: The Tapo T110 requires a Tapo Hub (H100, H200, or H500, sold separately) and a secured 2.4 GHz Wi-Fi network connection to function.

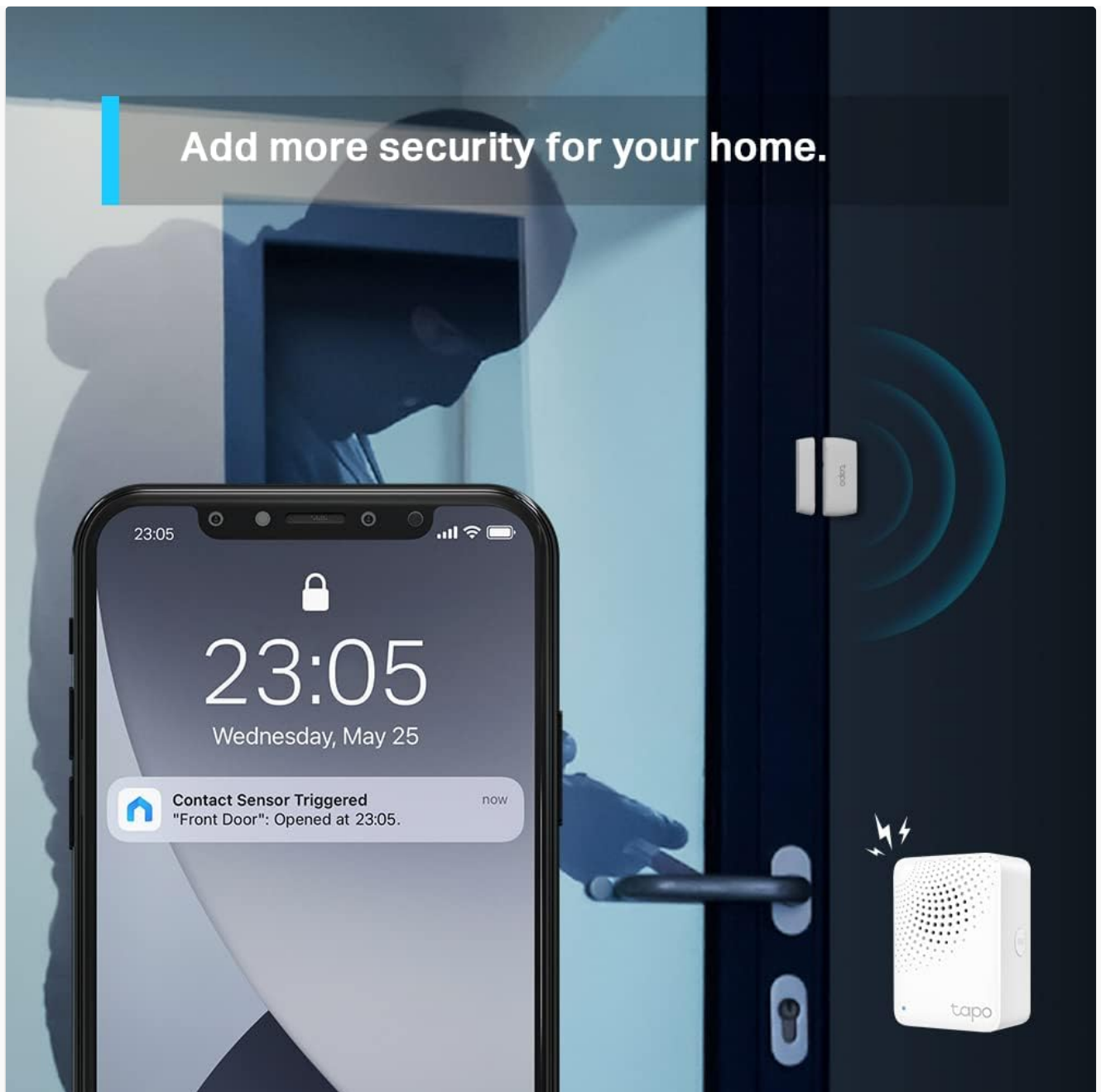


Figure 2.1: Contents of the Tapo T110 package, including the sensor, battery, and adhesive strips.

3. SETUP

3.1 Battery Installation

The CR2032 battery is typically pre-installed. If not, or if replacing, gently open the sensor unit to insert the CR2032 lithium metal battery, ensuring correct polarity.

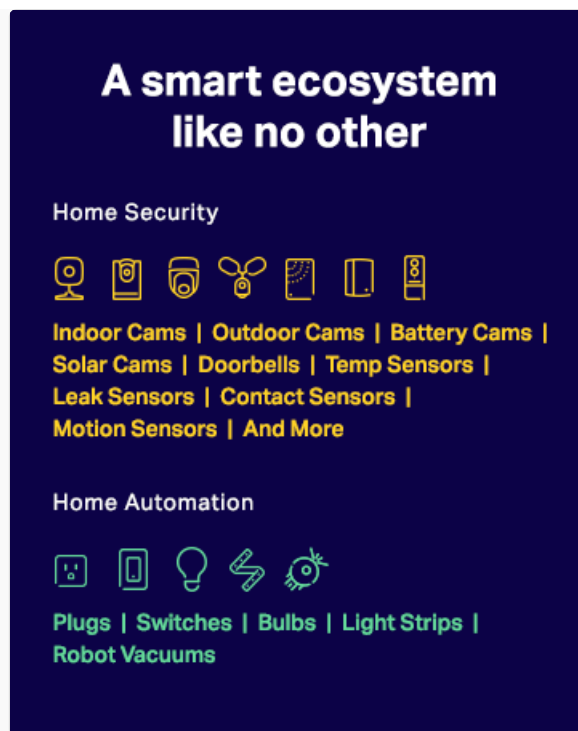


Figure 3.1: Battery compartment and installation for the Tapo T110 sensor.

3.2 Pairing with Tapo Hub

1. Ensure your Tapo Hub (H100, H200, or H500) is powered on and connected to your 2.4 GHz Wi-Fi network.
2. Open the Tapo app on your smartphone or tablet.
3. Follow the in-app instructions to add a new device and select the Tapo T110 sensor. The app will guide you through the pairing process.

3.3 Mounting the Sensor

The Tapo T110 sensor consists of two parts: the main unit and a smaller magnet. For optimal performance, mount them on a clean, dry surface using the provided 3M adhesive strips. Ensure the two parts are aligned and within 15mm (0.59 inches) of each other when the door/window is closed.



Figure 3.2: Proper alignment and maximum gap for sensor installation.

The sensor can be placed on various items beyond just doors and windows, such as cabinets, fridges, or mailboxes, to monitor their open/closed status.

4. OPERATING THE SENSOR

4.1 Real-Time Monitoring and Notifications

Once installed and paired, the Tapo T110 provides real-time status updates (open/closed) via the Tapo app. You will receive instant alerts on your phone if a monitored door or window is unexpectedly opened.



Tool-less Installation



Long-lasting Battery



Figure 4.1: Monitoring sensor activity through the Tapo app's event log.



Figure 4.2: Instant notification received on a smartphone when the sensor is triggered.

4.2 Smart Actions

The Tapo T110 can serve as a trigger for Smart Actions within the Tapo app. This allows you to automate other Tapo smart devices based on the sensor's status. For example, you can program the sensor to:

- Turn lights on or off when a door is opened or closed.
- Disable your Tapo security camera when you open a door.
- Activate the Tapo Hub's 90dB ringer as a warning or deterrent.



Figure 4.3: Example of a Smart Action: Door open triggers a Tapo Smart Bulb.

5. MAINTENANCE

5.1 Battery Replacement

The Tapo T110 operates on a single CR2032 battery, offering up to 2 years of performance with typical usage (less than 30 triggers per day). When the battery is low, the Tapo app will notify you. To replace the battery, gently open the sensor casing and swap the old battery with a new CR2032 battery, ensuring correct orientation.

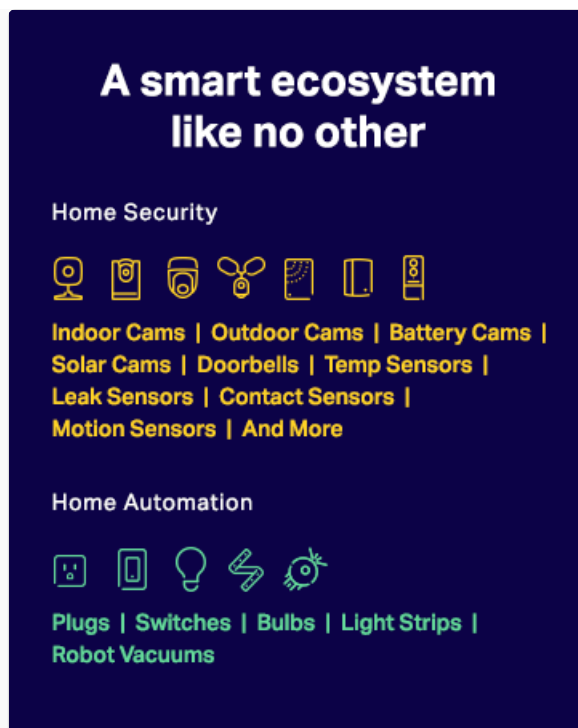


Figure 5.1: Battery replacement procedure for the Tapo T110 sensor.

5.2 Cleaning

To clean the sensor, use a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as they may damage the device.

6. TROUBLESHOOTING

6.1 Sensor Not Responding

- **Check Battery:** Ensure the CR2032 battery is properly installed and has sufficient charge. Replace if necessary.
- **Check Hub Connection:** Verify that your Tapo Hub is online and connected to your Wi-Fi network. The sensor communicates exclusively through the hub.
- **Proximity:** Ensure the sensor and magnet are within the recommended 15mm gap when closed.
- **Re-pair:** If issues persist, try re-pairing the sensor with your Tapo Hub via the Tapo app.

6.2 Notifications Not Received

- **App Settings:** Check notification settings within the Tapo app for the specific sensor.
- **Phone Settings:** Ensure notifications are enabled for the Tapo app in your phone's system settings.
- **Internet Connection:** Verify your phone has an active internet connection to receive push notifications.

7. SPECIFICATIONS

Feature	Specification
Brand	Tapo
Model Number	Tapo T110

Color	White
Power Source	Battery Powered
Battery Type	CR2032 Lithium Metal (1 included)
Battery Life	Up to 2 years
Mounting Type	Surface Mount
Product Dimensions	2.39 x 1.48 x 0.47 inches (60.8 x 37.5 x 12 mm)
Item Weight	1.76 ounces
Operating Temperature	40 Degrees Celsius (104°F)
Compatible Devices	Tapo Hub H100 (also H200, H500)
UPC	840030707292

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The TP-Link Tapo T110 Smart Contact Sensor comes with a 1-year manufacturer's warranty.

8.2 Technical Support

For technical assistance, please contact Tapo support:

- Phone: (866) 225-8139
- Website: support.tp-link.com/us
- Email: support.USA@tp-link.com

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question