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CITOLEN Smart Hub

CITOLEN Smart Hub for Motorized Blinds: User Manual

Model: Smart Hub (d2065a9d-5caa-4d82-9362-6c89dc48418f)

1. INTRODUCTION

The CITOLEN Smart Hub is designed to integrate your motorized blinds with smart home ecosystems, allowing for convenient control via smartphone applications and voice commands. This device acts as a bridge, connecting your blinds to the Tuya App, Amazon Alexa, and Google Assistant, enhancing your home automation experience.

Smart Control

This hub can serve as a bridge for APP control and voice control of our store's blinds.



Image 1.1: The CITOLEN Smart Hub facilitates connections between motorized blinds and smart home platforms like Alexa, Google Assistant, and the Tuya App.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x CITOLEN Smart Hub
- 1 x User Manual (this document)

Note: A USB power adapter is not included and must be supplied by the user (DC 5V/1A recommended).

3. SETUP GUIDE

Follow these steps to set up your CITOLEN Smart Hub and connect it to your motorized blinds.

3.1 Preliminary Preparation

1. **Download the Tuya App:** Search for "Tuya Smart" in your mobile device's app store (iOS or Android) and install it.
2. **Power the Hub:** Insert the Smart Hub into a USB power adapter (DC 5V/1A) and plug it into a power outlet. Ensure the hub powers on.

3.2 Connect the Hub to Tuya App

3. **Enter Pairing Mode:** Hold down the button on the Smart Hub until its indicator light flashes, indicating it is in pairing mode.
4. **Add Device in Tuya App:** Open the Tuya App, tap the "+" icon to add a new device. The app should automatically detect the Smart Hub. If not, manually select "Gateway & Other" or "Curtain Switch" and follow the in-app instructions.
5. **Configure Wi-Fi:** Select your 2.4GHz Wi-Fi network and enter the password. The hub must be connected to the same 2.4GHz Wi-Fi network as your phone during setup.

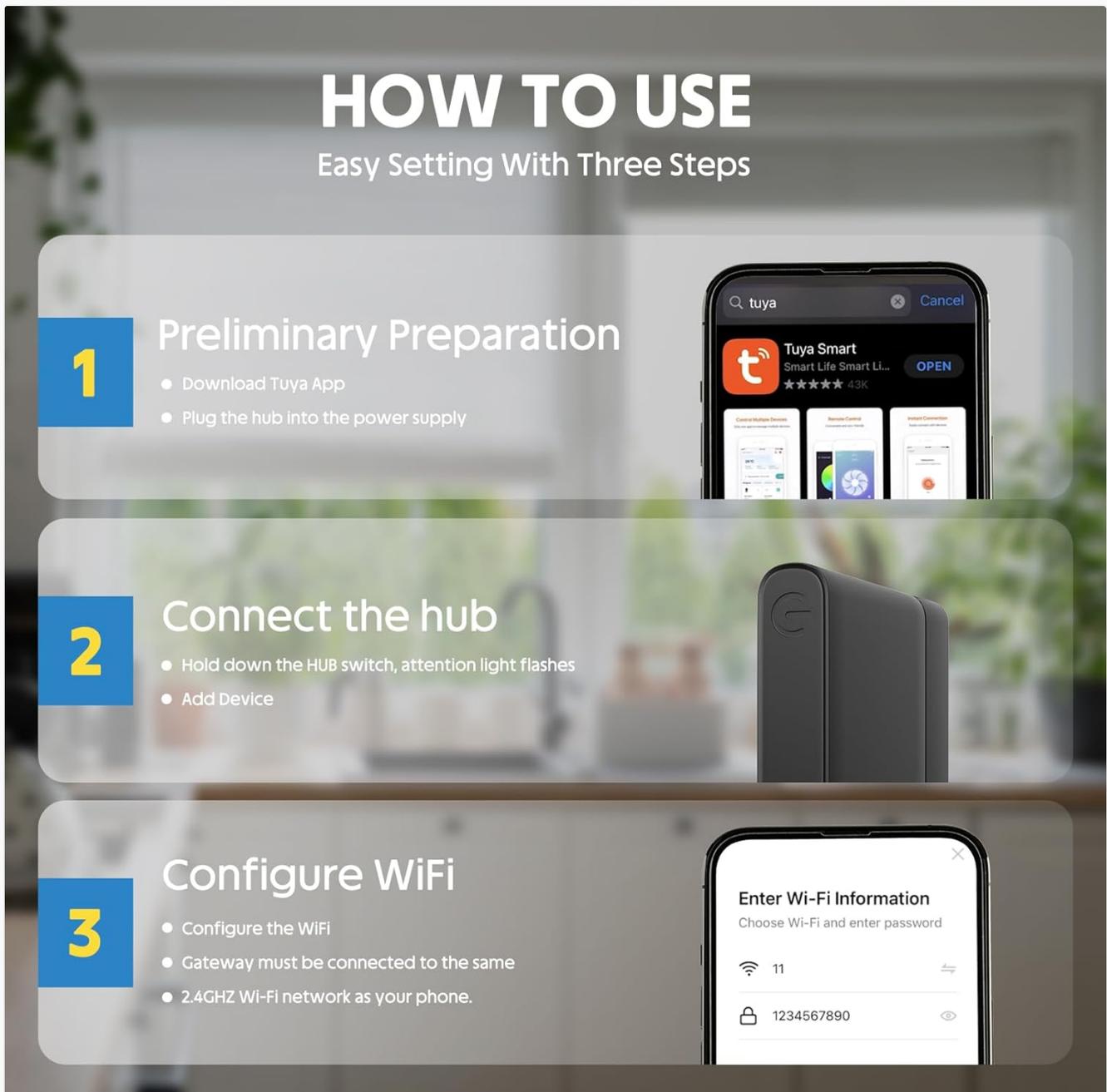


Image 3.1: Visual guide for the initial setup process, including downloading the app, plugging in the hub, and configuring Wi-Fi.

3.3 Connect Blinds to the Hub

Once the hub is connected to the Tuya App, you can connect your motorized blinds:

- In the Tuya App, navigate to the Smart Hub device.
- Follow the in-app instructions to add your motorized blinds. This typically involves putting your blinds into pairing mode (refer to your blinds' specific manual) and allowing the hub to discover them.



Image 3.2: The Tuya App interface, demonstrating options for creating automated scenes for your smart devices.

4. OPERATING INSTRUCTIONS

The CITOLEN Smart Hub offers multiple ways to control your motorized blinds.

4.1 App Control (Tuya App)

After connecting your blinds to the hub via the Tuya App, you can control them from anywhere with an internet connection:

- Open the Tuya App.
- Select the specific blind or group of blinds you wish to control.

- Use the in-app controls to open, close, or stop your blinds at any desired position.
- Create schedules and automation routines (e.g., open blinds at sunrise, close at sunset) within the Tuya App.



Image 4.1: The Tuya App allows users to set schedules for their smart blinds, automating their operation.

4.2 Voice Control (Alexa & Google Assistant)

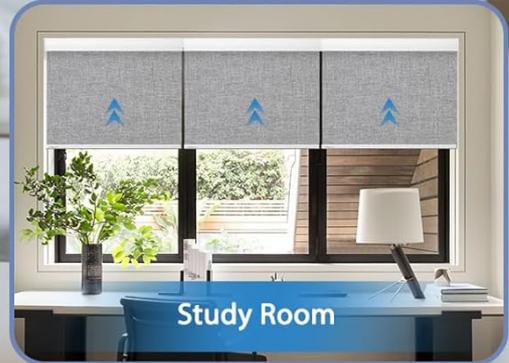
The Smart Hub is compatible with Amazon Alexa and Google Assistant for voice-activated control:

- **Link Tuya to Voice Assistant:** In your Alexa or Google Home app, enable the "Tuya Smart" skill/service and link your Tuya account.
- **Discover Devices:** Ask your voice assistant to discover new devices. Your blinds connected to the Smart Hub should appear.
- **Voice Commands:** Use commands such as:
 - "Alexa, open the living room blinds."
 - "Hey Google, close the kitchen shade."
 - "Alexa, set bedroom blinds to 50%."

A HUB can connect
up to **30 BLINDS**
in your home.

"Alexa, open the blinds"

"Okay"



Notice: We recommend using one hub per room.

Image 4.2: The Smart Hub enables voice control of up to 30 blinds across various rooms, integrating with smart assistants like Alexa. **Recommendation:** For optimal performance and to avoid control failures due to obstructions, it is recommended to use one Smart Hub per room, especially in larger homes or those with multiple walls between the hub and blinds.

5. MAINTENANCE

The CITOLEN Smart Hub requires minimal maintenance.

- **Cleaning:** If cleaning is necessary, gently wipe the device with a dry, soft cloth. Do not use liquid cleaners or abrasive materials.
- **Product Care Instructions:** Spot Clean Only.
- **Environment:** Keep the hub in a dry environment, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your CITOLEN Smart Hub, please refer to the following common problems and solutions:

- **Hub not powering on:**

Ensure the USB power adapter is functioning correctly and provides DC 5V/1A. Try a different USB port or adapter.

- **Hub not found by Tuya App:**

Verify your phone is connected to a 2.4GHz Wi-Fi network. Ensure the hub is in pairing mode (flashing indicator light). Try restarting the hub by unplugging and re-plugging it.

- **Blinds not responding to hub commands:**

Check if the blinds are properly paired with the hub in the Tuya App. Ensure the hub is within the effective communication range (less than 26 ft for infrared). Obstructions like walls can weaken the signal. Consider repositioning the hub or using one hub per room.

- **Voice control not working:**

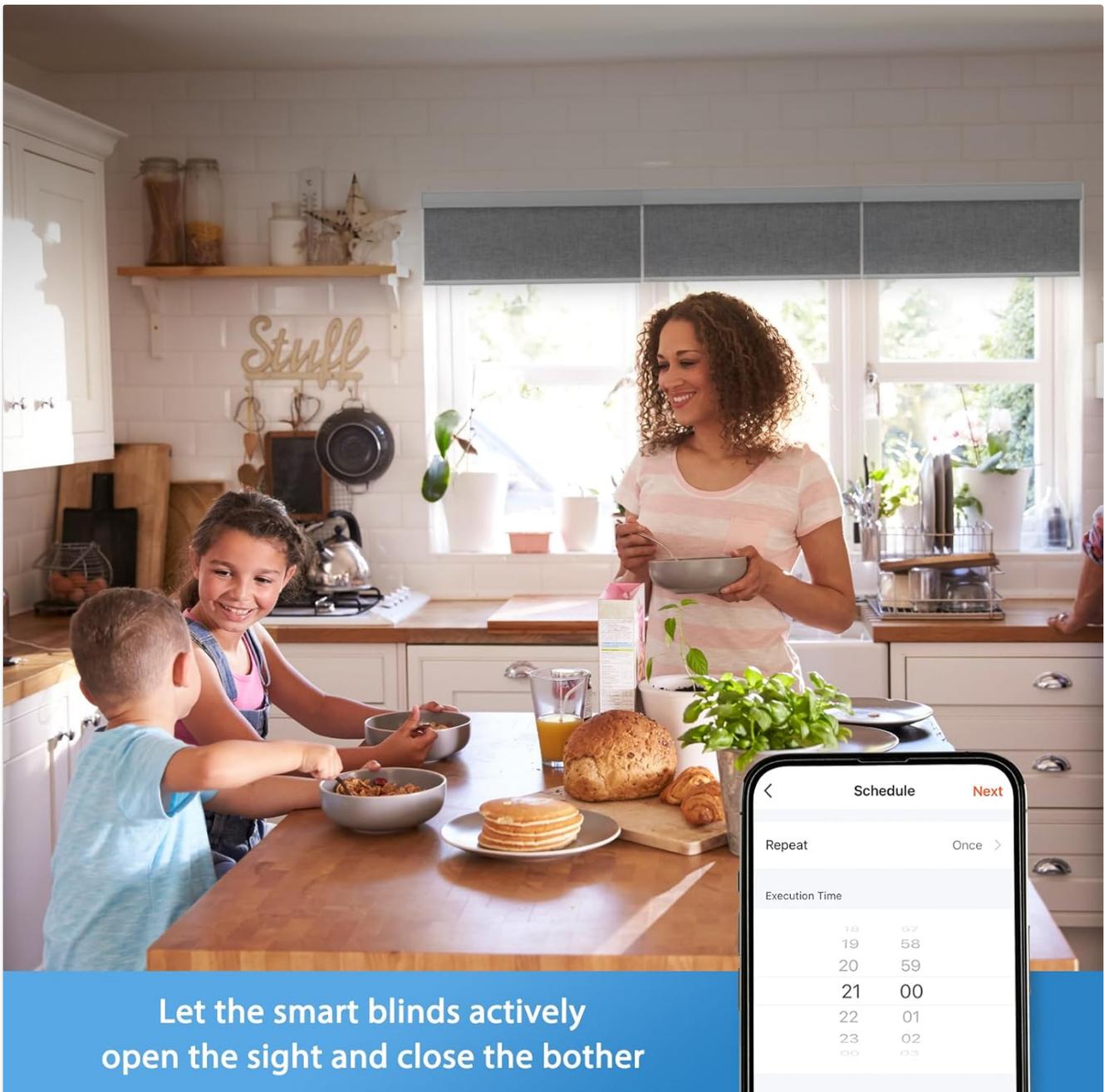
Confirm that the "Tuya Smart" skill/service is enabled and linked in your Alexa or Google Home app. Ensure your voice assistant device is online and can communicate with the Tuya service. Verify the names of your blinds in the Tuya App match the names used in voice commands.

- **Intermittent control or commands not always executing:**

This can sometimes occur due to signal interference or range limitations. Try creating automation routines in the Tuya App that repeat commands multiple times with short delays (e.g., open blind, wait 2 seconds, open blind again) to improve reliability.

7. SPECIFICATIONS

Feature	Detail
Brand	CITOLEN
Model Number	d2065a9d-5caa-4d82-9362-6c89dc48418f
Power Input	DC 5V/1A
Infrared Frequency	38K
Infrared Communication Distance	< 26 ft
RF Frequency	433MHz
Product Size	2 x 0.43 x 2 inches
Item Weight	2.08 ounces
Working Temperature	32°F - 122°F (0°C - 50°C)
Connectivity	Wi-Fi (2.4GHz only)
Control Type	Position
Material	Polyester (referring to associated blinds, hub material is plastic)



Let the smart blinds actively
open the sight and close the bother

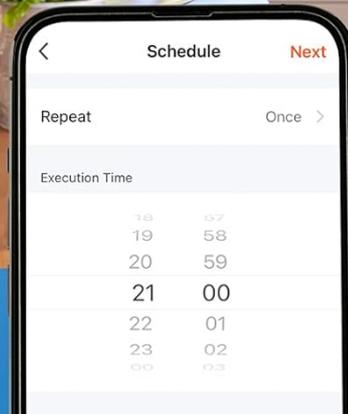


Image 7.1: Detailed product dimensions and technical specifications of the CITOLEN Smart Hub.

8. WARRANTY AND SUPPORT

CITOLEN is committed to providing a remarkable shopping experience. Your Smart Hub comes with a warranty, and online assistance is available for all customers.

- **Customer Service:** If you have any questions or encounter issues, please contact CITOLEN customer support.
- **Response Time:** We aim to respond to all inquiries and provide assistance within 24 hours.

For further assistance, please refer to the contact information provided with your purchase or visit the official CITOLEN website.

