

HUIYEETEX AM25-1.2/30-MEL-P-W

HUIYEETEX WiFi Smart Blinds Motor User Manual

Model: AM25-1.2/30-MEL-P-W

Brand: HUIYEETEX

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your HUIYEETEX WiFi Smart Blinds Motor. This motor is designed to automate roller shades with a 1.5-inch (38mm) tube diameter, offering convenient control via a smartphone application, voice commands, and an RF remote control. Please read this manual thoroughly before use to ensure proper functionality and safety.

2. SAFETY INFORMATION

- Read all instructions carefully before installation and operation.
- Ensure the power supply is disconnected before performing any installation, maintenance, or repair procedures.
- Keep children and pets away from moving blinds to prevent accidents.
- This device is intended for indoor use only. Do not expose it to moisture or extreme temperatures.
- Do not attempt to modify or disassemble the motor. Unauthorized modifications may void the warranty and pose safety risks.

3. PACKAGE CONTENTS

Please verify that all the following items are included in your package:

- 1x HUIYEETEX WiFi Smart Blinds Motor (suitable for 1.5" / 38mm shade tube)
- 1x RF Remote Control
- 1x Set of Mounting Brackets

If any items are missing or damaged, please contact customer support immediately.

APP Control

Add WIFI in Tuya app, and then pair the motor.
You can easily control your blinds no matter where you are

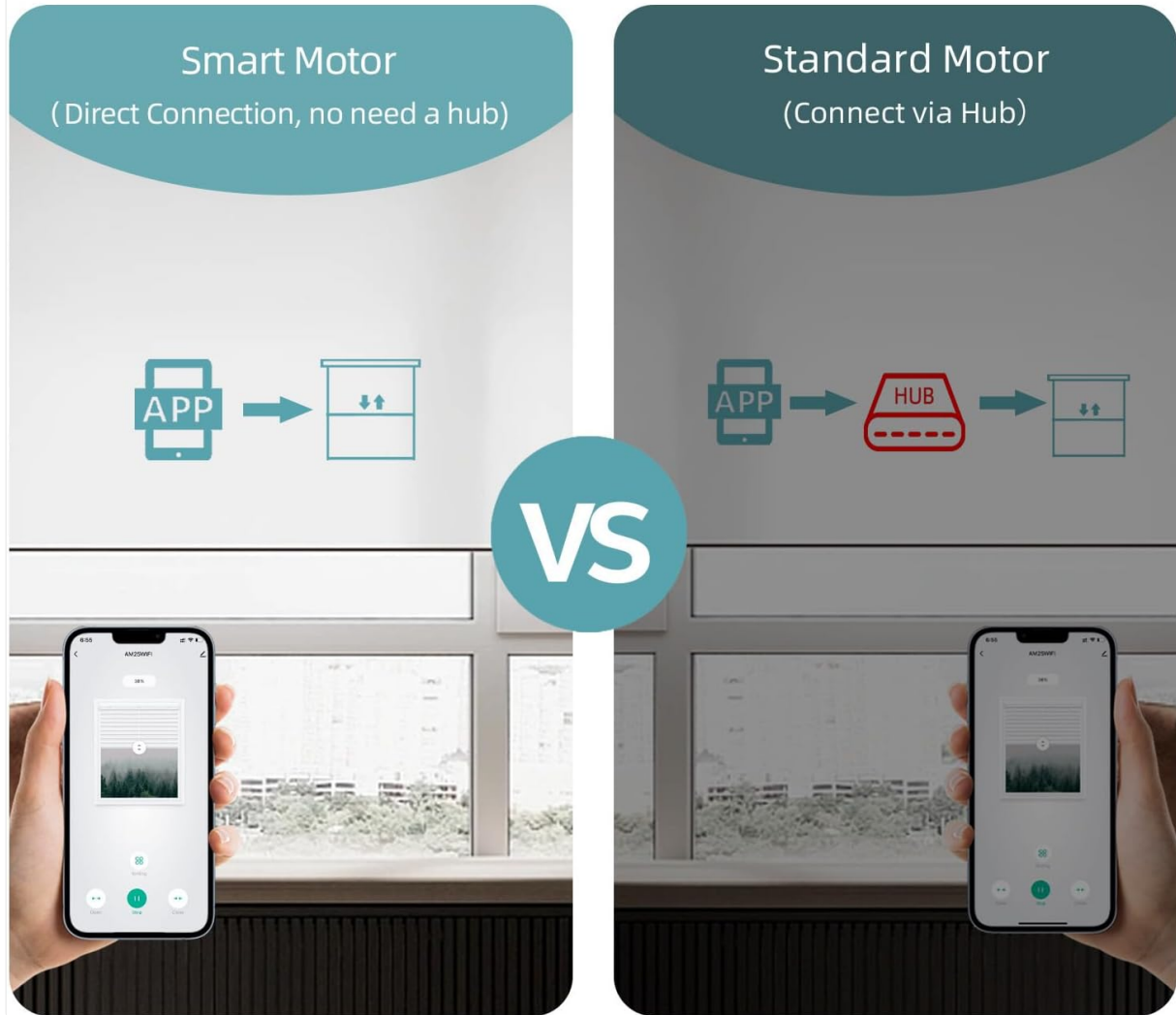


Image: Contents of the HUIYEETEX WiFi Smart Blinds Motor package, including the motor, remote control, and mounting brackets.

4. SPECIFICATIONS

Feature	Detail
Model Number	AM25-1.2/30-MEL-P-W
Material	Metal, Plastic
Product Dimensions	17.05"L x 1"W (43.3cm L x 2.54cm W)
Tube Size Compatibility	1.5" (38mm) diameter
Operation Mode	Automatic
Control Type	Motorized (WiFi, Voice, App, RF Remote)
Power Supply	110V/120V AC (Wired)

Feature	Detail
Torque	1.2Nm
Speed	30rpm
Max Shade Size	156" x 156" (4m x 4m)
Weight Capacity	8.8lb (4kg)
Radio Frequency	433.92MHz

5. SETUP AND INSTALLATION

5.1. Pre-Installation Checks

1. **Measure Shade Tube Diameter:** Ensure your roller shade tube has an inner diameter of 1.5 inches (38mm). This motor is specifically designed for this size.

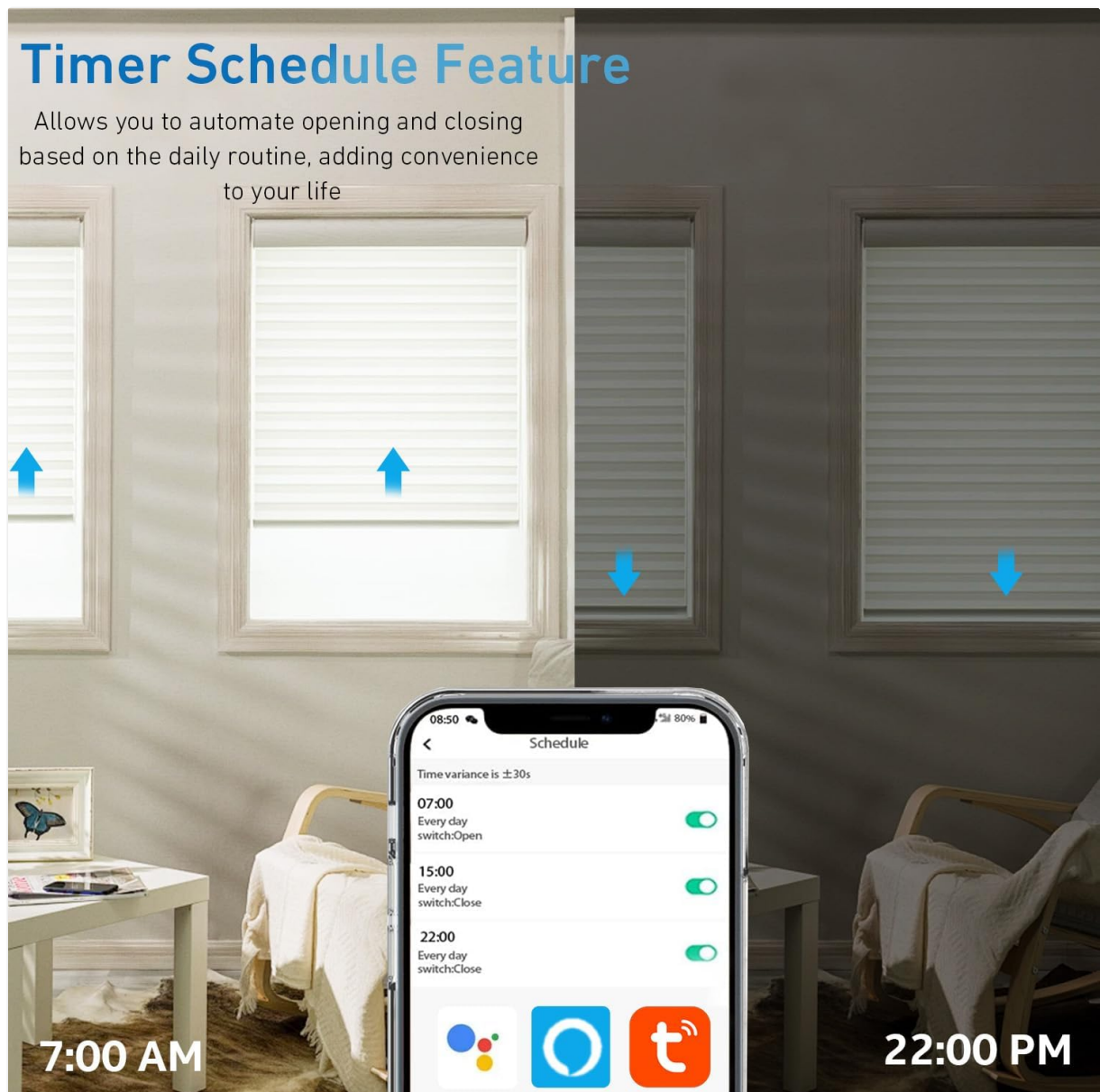


Image: Illustration showing how to measure the shade tube diameter and the process of inserting the motor.

5.2. Motor Installation

2. **Remove Existing Chain Drive (if applicable):** If your roller shade has a manual chain mechanism, carefully detach it from the roller tube.
3. **Insert Motor into Shade Tube:** Slide the HUIYEETEX WiFi Smart Blinds Motor into the roller shade tube. Ensure it fits snugly and is fully seated.
4. **Mount Brackets:** Secure the provided mounting brackets to the wall or window frame according to your shade's installation type (e.g., inside or outside mount). Ensure the brackets are level and firmly attached.
5. **Power Connection:** Connect the motor's power cord directly to a standard 110V/120V AC electrical outlet. The motor is hardwired and does not require batteries.

5.3. App Pairing (Tuya Smart App)

6. **Download Tuya Smart App:** Download and install the 'Tuya Smart' app from your smartphone's app store (iOS or Android).
7. **Initiate Pairing Mode:** Press the motor setting button (usually located on the motor head) four times for 1 second each, followed by one long press for 3 seconds. The motor will enter pairing mode.

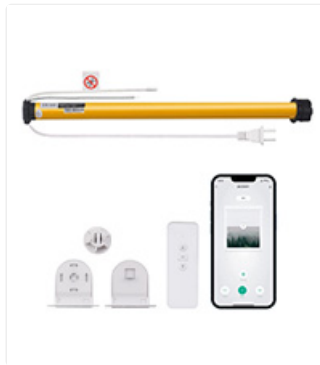


Image: Instructions for pressing the motor button to enter pairing mode and the initial screen for adding devices in the Tuya app.

8. **Add Device in App:** Open the Tuya Smart app, tap 'Add Device' or the '+' icon. The app should automatically discover the motor. Select it to proceed.
9. **Connect to WiFi:** Follow the on-screen prompts to connect the motor to your 2.4GHz WiFi network. Enter your WiFi password when requested.



Image: Tuya app screens showing the device discovery process and the prompt to select a WiFi network and enter its password.

10. **Complete Setup:** Once the device is successfully added, you can start controlling your blinds directly from the Tuya Smart app.



Image: Tuya app screens confirming successful device addition and displaying the basic control interface for the blinds.

5.4. Alexa Integration

11. **Access Third-Party Control:** In the Tuya Smart app, navigate to the device settings for your blinds motor. Tap the top right-hand corner icon (often a pencil or three dots) to access more options, then select 'Third-party Control'.
12. **Select Alexa:** Choose 'Alexa' from the list of third-party services. Ensure you have the Amazon Alexa app installed on your smartphone.



Image: Tuya app screens illustrating how to access third-party control settings and select Alexa for integration.

13. **Link Account:** Follow the prompts to enable the 'Smart Life' skill (Tuya's underlying platform) in the Alexa app and link your Tuya account.
14. **Start Voice Control:** Once linked, you can use voice commands with your Alexa-enabled devices to control your blinds (e.g., "Alexa, open the blinds").



Image: Alexa app screens showing the account linking process and confirmation for enabling voice control.

6. OPERATING THE SMART BLINDS MOTOR

6.1. App Control

Use the Tuya Smart app to control your blinds from anywhere. The app allows you to:

- Open the blinds fully.
- Close the blinds fully.
- Stop the blinds at any desired position.
- Set custom opening/closing percentages.

APP Control

Directly Connect, no hub needed

Add WIFI in Tuya app to pair the motor for easy control of roller shades

Friday, March 8

Afternoon 58° Evening 54° Night 53°

Weather Schedule

Location Voice

work with Tuya smart app

works with amazon alexa

works with Google Assistant

Image: A smartphone displaying the Tuya Smart app interface, demonstrating control over multiple smart blinds in a living room setting.

6.2. Voice Control

After integrating with Amazon Alexa or Google Assistant, you can use simple voice commands for hands-free operation:

- "Alexa, open the blinds."
- "Hey Google, close the shades."
- "Alexa, set blinds to 50%."

Free Your Hands

Effortless Control with Voice



Alexa, turn on the shades



Image: A family in a living room interacting with smart speakers to control their blinds using voice commands, highlighting the convenience of hands-free operation.

6.3. RF Remote Control

The included RF remote control provides a direct and convenient way to operate your blinds without needing a smartphone or voice assistant.

- **Up Arrow:** Opens the blinds.
- **Down Arrow:** Closes the blinds.
- **Stop Button:** Stops the blinds at their current position.

Specification



Main Features

- Tuya wifi protocol build in, Voice, APP and remote control
- It's roll up speed is as fast as 30 rpm;
- Electronic limits setting by remote, easy for operation;
- Multiple limits preset, 4 more middle limits for optional;
- Keep the limits when power off ;
- Choice for bedrooms and interior rooms since it's quiet.
- 433.92 MHz radio frequency communication;

TECHNICAL SPECS

Torque	1.2Nm
Speed	30rpm
Power	AC100-240V
Cable Type	18AGW(2x0.824mm ²)
Cable length	51in 1.3m

Current	1.2A
Radio Frenquency	433.92MHz
Max Shade Size	156"x156" 4mX4m
Weight Capacity	8.8lb(4kg)
Control solutions	Wifi,voice, App, remote

Package Included



① 110v/120v plug in motor



② Remote control



③ Mounting brackets

Image: A hand holding the RF remote control, with smart blinds visible in a modern kitchen, demonstrating direct control.

6.4. Timer Schedule Feature

Automate your blinds' operation by setting custom schedules within the Tuya Smart app. This feature enhances convenience and can contribute to energy efficiency.

- Open the Tuya Smart app and navigate to the device settings for your blinds.
- Look for the 'Schedule' or 'Timer' option.
- Set desired times for opening and closing, and select the days of the week for the schedule to repeat.

Easy to install

Upgrade your existing shade into smart



1 Remove the chain drive



2 Please use a steel ruler or caliper to measure your shade tube size



3 Insert our wifi motor



Image: A smartphone displaying the Tuya app's timer schedule interface, showing automated opening and closing times for blinds throughout the day.

7. MAINTENANCE

To ensure the longevity and optimal performance of your HUIYEETEX WiFi Smart Blinds Motor, follow these maintenance guidelines:

- **Cleaning:** Keep the motor and the surrounding area of the blinds clean and free from dust and debris. Use a soft, dry cloth for cleaning. Do not use liquid cleaners directly on the motor.
- **Inspection:** Periodically check the power cable for any signs of damage, fraying, or loose connections. If any damage is found, discontinue use and contact customer support.
- **No User Serviceable Parts:** The motor unit contains no user-serviceable parts. Do not attempt to disassemble or repair the motor yourself. This could lead to electric shock, damage to the device, and will void the warranty.

8. TROUBLESHOOTING

If you encounter issues with your smart blinds motor, refer to the following troubleshooting steps:

8.1. Motor Not Responding

- **Power Check:** Ensure the motor is properly plugged into a live electrical outlet. Check if the outlet is functioning by plugging in another device.
- **WiFi Connection:** Verify that your home WiFi network is active and stable. Ensure the motor is within range of your WiFi router.
- **App Pairing:** Confirm that the motor is correctly paired with the Tuya Smart app. If not, repeat the app pairing steps in Section 5.3.
- **Reset:** Try power cycling the motor by unplugging it for 30 seconds and then plugging it back in.

8.2. Voice Control Not Working

- **Account Linking:** Double-check that your Tuya Smart account is correctly linked to your Amazon Alexa or Google Assistant account. Refer to Section 5.4.
- **Internet Connection:** Ensure your voice assistant device (e.g., Echo Dot, Google Home) has a stable internet connection.
- **Device Name:** Confirm that the name of your blinds in the Tuya app is recognized by your voice assistant. Try using a simpler name.
- **Command Syntax:** Use clear and correct voice commands as specified by Alexa or Google Assistant.

8.3. RF Remote Control Not Working

- **Batteries:** Check if the remote control has working batteries. Replace them if necessary.
- **Pairing:** Ensure the remote control is properly paired with the motor. Refer to the remote's specific pairing instructions (usually involves a button press sequence on both the motor and remote).
- **Obstructions:** Ensure there are no physical obstructions between the remote and the motor.

9. WARRANTY INFORMATION

The HUIYEETEX WiFi Smart Blinds Motor is covered by a standard manufacturer's warranty. The warranty period and terms may vary by region and retailer. Please refer to the warranty card included in your product packaging for specific details.

Keep your purchase receipt as proof of purchase for any warranty claims. The warranty typically covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

10. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or any questions regarding your HUIYEETEX WiFi Smart Blinds Motor, please contact our customer support team:

- **Email:** [Insert Customer Support Email Here, if available]
- **Phone:** [Insert Customer Support Phone Number Here, if available]
- **Website:** Visit the official HUIYEETEX website for FAQs, additional resources, and contact information.

When contacting support, please have your product model number (AM25-1.2/30-MEL-P-W) and purchase information ready.

