

Blindsmart ZM25M

Blindsmart Matter Supported WiFi Smart Roller Shade Motor ZM25M

Model: ZM25M

1. INTRODUCTION

Thank you for choosing the Blindsmart Matter Supported WiFi Smart Roller Shade Motor. This motor is designed to upgrade your existing manual roller shades into smart, automated blinds, offering convenient control via app, voice commands, or remote. It integrates seamlessly with major smart home platforms such as Apple Home, Alexa, and Google Home through Matter certification. Please read this manual thoroughly before installation and operation to ensure proper use and to maximize the product's lifespan.

2. SAFETY INFORMATION

- **Electrical Safety:** Installation requires wiring work. Ensure power is disconnected at the circuit breaker before beginning any wiring. If you are unsure about electrical wiring, consult a qualified electrician.
- **Children and Pets:** Keep children and pets away from the installation area. Ensure that cords and small parts are out of reach to prevent entanglement or choking hazards.
- **Operating Environment:** This motor is designed for indoor use only. Do not expose it to moisture, extreme temperatures, or corrosive environments. The product is not water resistant.
- **Tube Compatibility:** Ensure your roller shade tube has a diameter of 37-38mm (1.45 inches) for proper fit and function.
- **Load Capacity:** Do not exceed the maximum load capacity of 10kg for the shade fabric. Exceeding this limit can damage the motor and void the warranty.
- **Maintenance:** Only perform spot cleaning as per product care instructions. Do not disassemble the motor.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package.

- Smart Roller Shade Motor (ZM25M)

- 1-Channel Remote Control
- Mounting Brackets and Screws
- Instruction Manual

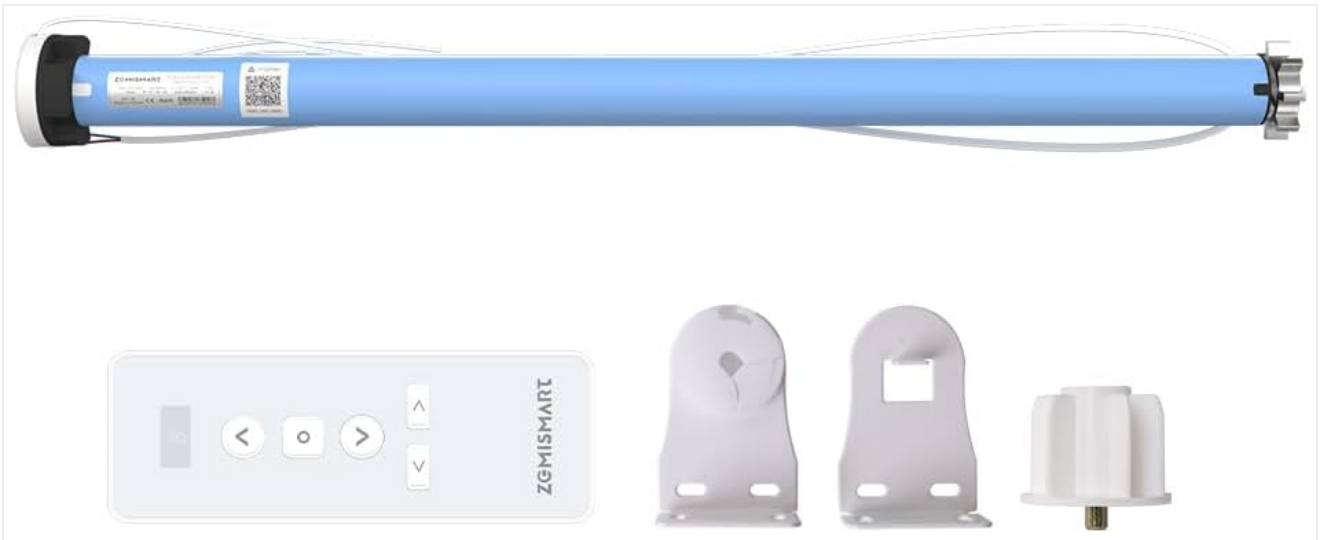


Image: The Blindsmart ZM25M smart roller shade motor shown with its included 1-channel remote control.

4. SPECIFICATIONS

Feature	Specification
Model Number	ZM25M
Brand	Blindsmart
Material	Plastic
Product Dimensions	14.05"L x 1.44"W
Compatible Tube Diameter	37-38mm (1.45 inch)
Torque	2N
Maximum Load Capacity	10kg
Connectivity	2.4GHz WiFi, Matter Certified
Voltage	110V - 240V (Wide Voltage)
Noise Level	Approximately 27 dB
Control Type	App, Remote, Voice
Mounting Type	Internal Mount
Included Components	Motor (Requires Wiring Work)

Strong Load-Bearing

This motor can pull at least 10kg curtain fabric



Image: Detail of the motor highlighting its strong load-bearing capacity of up to 10kg.

Quiet and Low Noise, No Disturbance

With high-quality DC motor technology, it operates at just 27 dB, ensuring a peaceful and undisturbed environment.



Image: The motor tube, emphasizing its quiet operation at approximately 27 dB.

Suitable for various curtains

This product is suitable for roller blinds, Shangri La blinds, and flexible yarn blinds with aluminum tube mouth diameter of 24mm. The curtains that require manual control can be immediately upgraded to smart curtains.



Image: Illustration showing the motor's compatibility with various types of roller blinds, including standard roller blinds, Shangri-La blinds, and flexible yarn blinds.

5. SETUP

5.1 Pre-installation Checklist

- Confirm your roller shade tube inner diameter is 37-38mm.
- Ensure you have a 2.4GHz WiFi network available.
- Have a Matter Controller (e.g., Apple HomePod mini, compatible smart hub) ready for smart home integration.
- Gather necessary tools: screwdriver, wire strippers, drill, measuring tape.

5.2 Installation and Wiring

1. **Disconnect Power:** Turn off the main power supply to the area where you will be installing the motor at your circuit breaker.
2. **Remove Existing Shade:** Carefully remove your existing manual roller shade from its brackets.
3. **Insert Motor:** Insert the Blinds smart motor into one end of the roller shade tube. Ensure it fits snugly.

4. **Mount Brackets:** Install the provided mounting brackets to your window frame or wall, ensuring they are level and securely fastened.
5. **Mount Shade:** Place the roller shade assembly with the motor into the installed brackets.
6. **Wiring:** Connect the motor's power wires to your household electrical wiring. This motor supports 110V to 240V. Follow local electrical codes and diagrams. If uncertain, consult a professional electrician.

Connecting power is more stable

The roller motor is connected to the power supply, making the operation more stable and with sufficient force

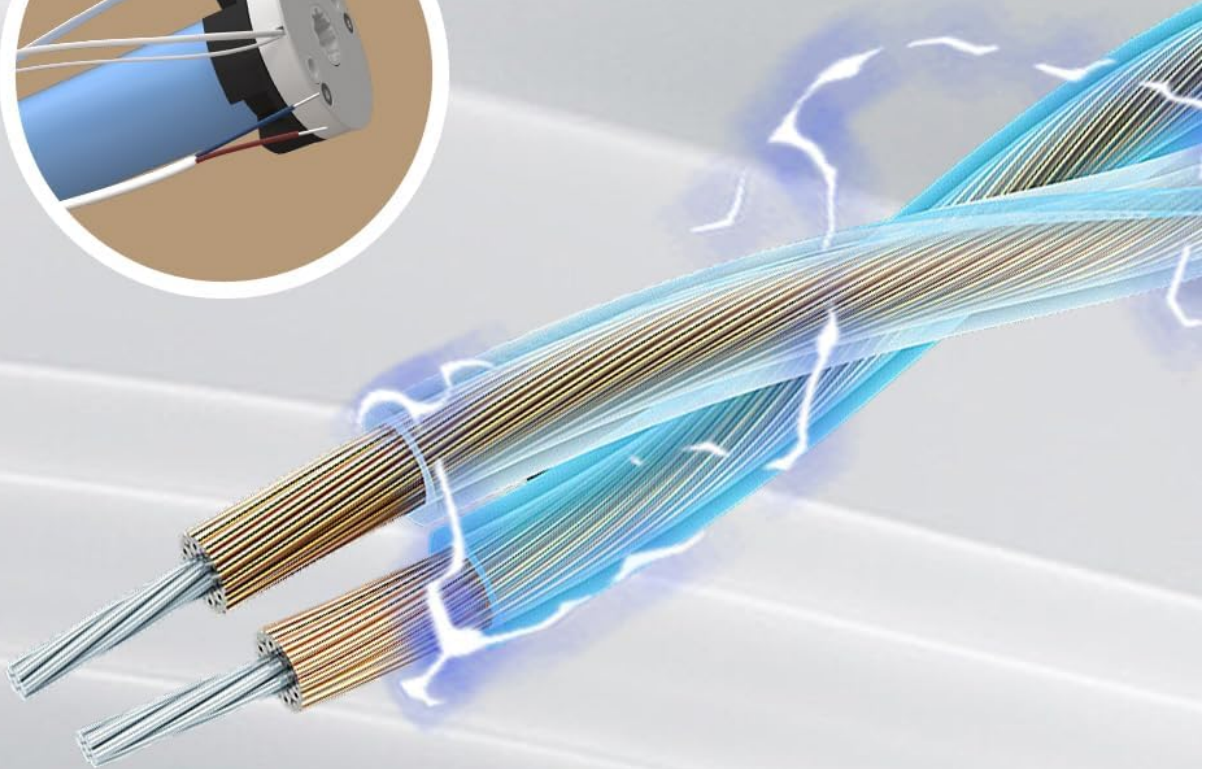
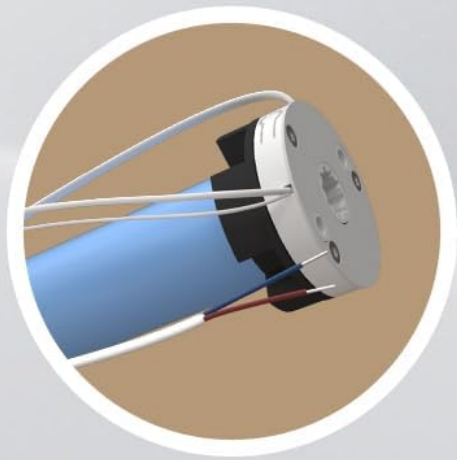


Image: A visual representation of connecting the motor to the power supply, emphasizing stable and sufficient force.

5.3 Pairing with Smart Home Platforms (Matter)

1. **Restore Power:** Once wiring is complete and secure, restore power at the circuit breaker.
2. **Enable Pairing Mode:** Refer to the motor's specific instructions (usually a button press sequence) to put it into Matter pairing mode.
3. **Open Smart Home App:** Open your preferred smart home app (Apple Home, Google Home, Alexa, SmartThings) that is connected to your Matter Controller.
4. **Add Device:** Follow the in-app instructions to add a new Matter device. You may need to scan a QR code or enter a pairing code provided with the motor.

5. **Complete Setup:** Once detected, follow the prompts to name your shade and assign it to a room.

6. OPERATING

6.1 App Control

Control your blinds remotely using your smartphone through the Google Home, Alexa, or Apple Home apps. Ensure your phone is connected to the same 2.4GHz WiFi network as your Matter Controller.

- Open the relevant smart home app.
- Select your roller shade device.
- Use the on-screen controls to open, close, or set the blinds to a specific percentage.

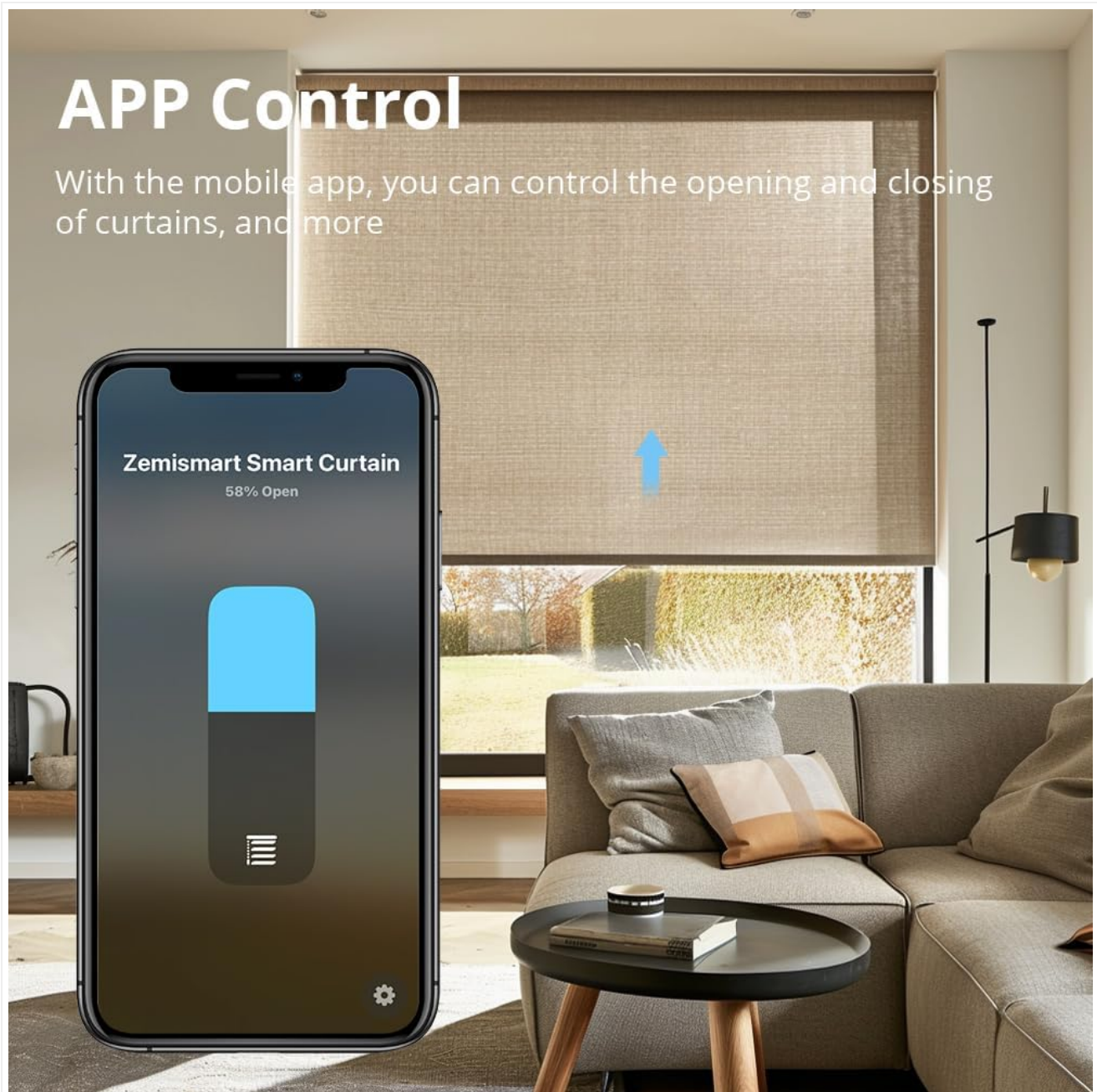


Image: A smartphone screen showing an app interface for controlling smart curtains, indicating the current open percentage.

6.2 Voice Control

Enjoy hands-free control by using voice commands with Google Assistant, Alexa, or Siri.

- **For Google Assistant:** "Hey Google, open the blinds." or "Hey Google, set the living room blinds to 50%."
- **For Alexa:** "Alexa, close the bedroom shade." or "Alexa, raise the blinds."
- **For Siri:** "Hey Siri, open the kitchen blinds." or "Hey Siri, lower the blinds by 25%."



Image: A smart speaker in a living room setting, illustrating voice control functionality for smart blinds.

6.3 Remote Control

Use the included 1-channel remote control for direct operation of your blinds. The remote can be mounted to a wall or used handheld.

- **UP button:** Raises the blinds.
- **STOP button:** Stops the blinds at the current position.
- **DOWN button:** Lowers the blinds.
- **Inching reverse/forward buttons:** For fine adjustments.

Note: Upper and lower limits for the shade can only be set using the remote control. Refer to the remote control's specific instructions for setting these limits.

Remote Control

It can be glued to the wall, and it can be controlled by taking it off

*Limits can only be set using the remote control



Image: A detailed view of the 1-channel remote control, showing buttons for up, down, stop, and inching adjustments, along with indicators for upper and lower limit settings.

7. MAINTENANCE

- **Cleaning:** The motor unit itself requires minimal cleaning. If necessary, gently wipe the exterior with a dry, soft cloth. Do not use liquid cleaners or immerse the motor in water. The product is not water resistant.
- **Shade Fabric:** Follow the cleaning instructions for your specific roller shade fabric.
- **Inspection:** Periodically check the mounting brackets and wiring connections to ensure they remain secure.
- **Battery Replacement (Remote):** If the remote control's performance degrades, replace its battery according to the remote's specific instructions.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Motor does not respond to remote/app/voice.	No power; Remote battery low; Not paired; WiFi issue.	Check power connection; Replace remote battery; Re-pair the motor; Verify 2.4GHz WiFi signal and Matter Controller status.
Blinds do not move smoothly or stop unexpectedly.	Obstruction; Exceeded weight limit; Incorrect limit settings.	Check for obstructions; Ensure shade weight is under 10kg; Reset and re-set upper/lower limits using the remote.
Difficulty pairing with smart home platform.	Incorrect WiFi band; No Matter Controller; Motor not in pairing mode.	Ensure 2.4GHz WiFi is used; Confirm Matter Controller is active; Put motor into pairing mode as per instructions.
Remote control not working.	Low battery; Not paired with motor.	Replace remote battery; Re-pair the remote with the motor (refer to remote instructions).

9. WARRANTY AND SUPPORT

Blinds smart products come with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included in your product packaging or visit the official Blinds smart website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Blinds smart customer service through the following channels:

- **Online Support:** Visit the [Blinds smart Store on Amazon](#) for FAQs and contact information.
- **Email:** Refer to your product packaging for customer service email address.

Please have your model number (ZM25M) and purchase date ready when contacting support.