



Aqara Curtain Controller C3 Introduction

continuous connection

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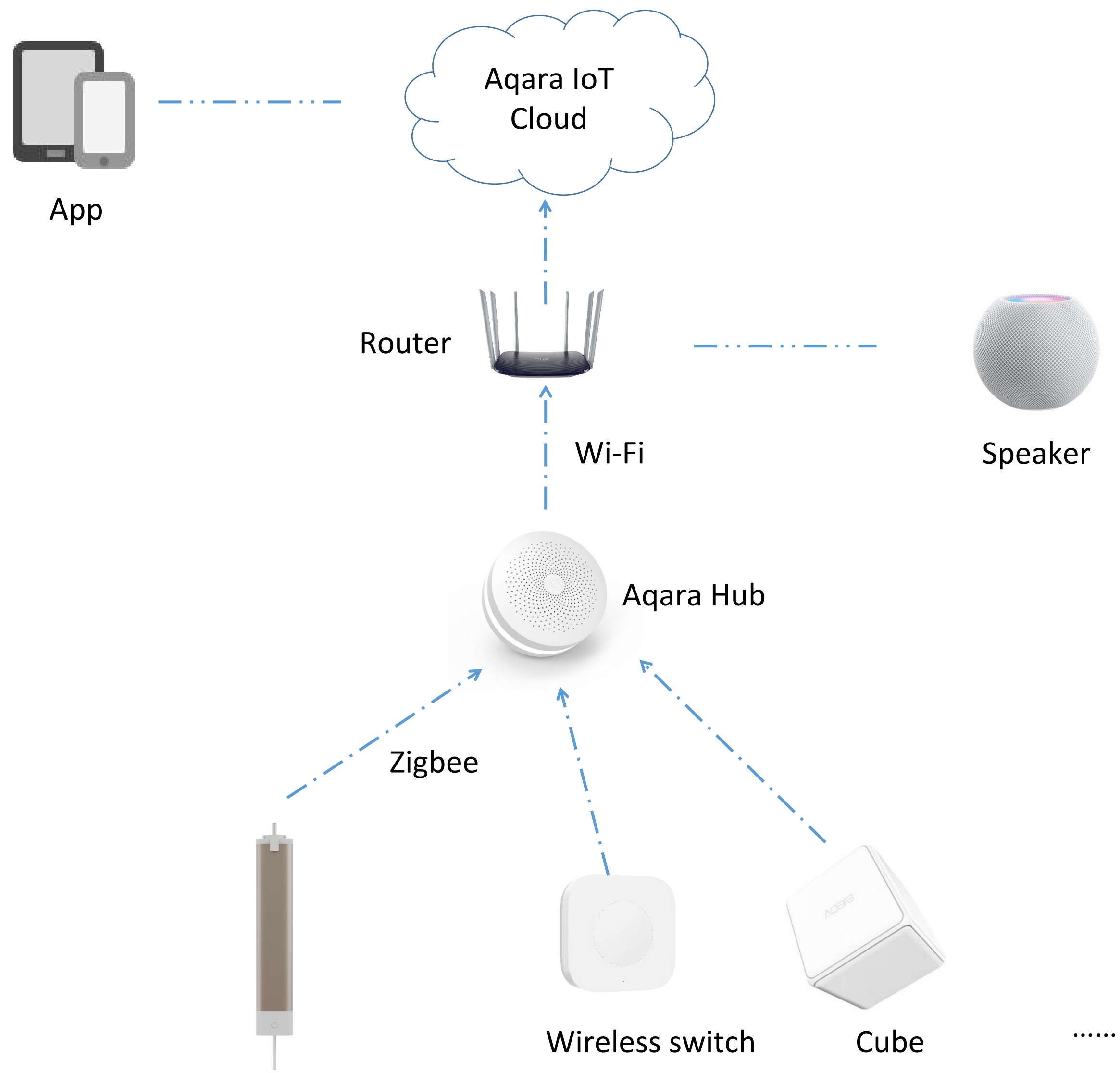
Product Overview

The Aqara Smart Curtain Motor C3 is an IoT smart curtain product that can transform traditional curtains into smart ones. By pairing it with a compatible gateway using the built-in ZigBee wireless communication module, you can enjoy features such as remote control, scheduling, infinite speed adjustment, manual stop, customized curtain travel, and manual speed control.

Furthermore, by integrating it with other smart devices and utilizing custom functions, you can create more intelligent living scenarios and enhance your overall quality of life.



Smart Control



Smart curtain controller C3 can be connected to various smart home devices such as wireless switches and magic cubes. This allows for features such as scheduled opening and closing, scene modes, and customized opening/closing percentages. By integrating with different smart home devices, you can create personalized curtain control solutions based on your needs and enhance your home automation experience.

What's in the Box?



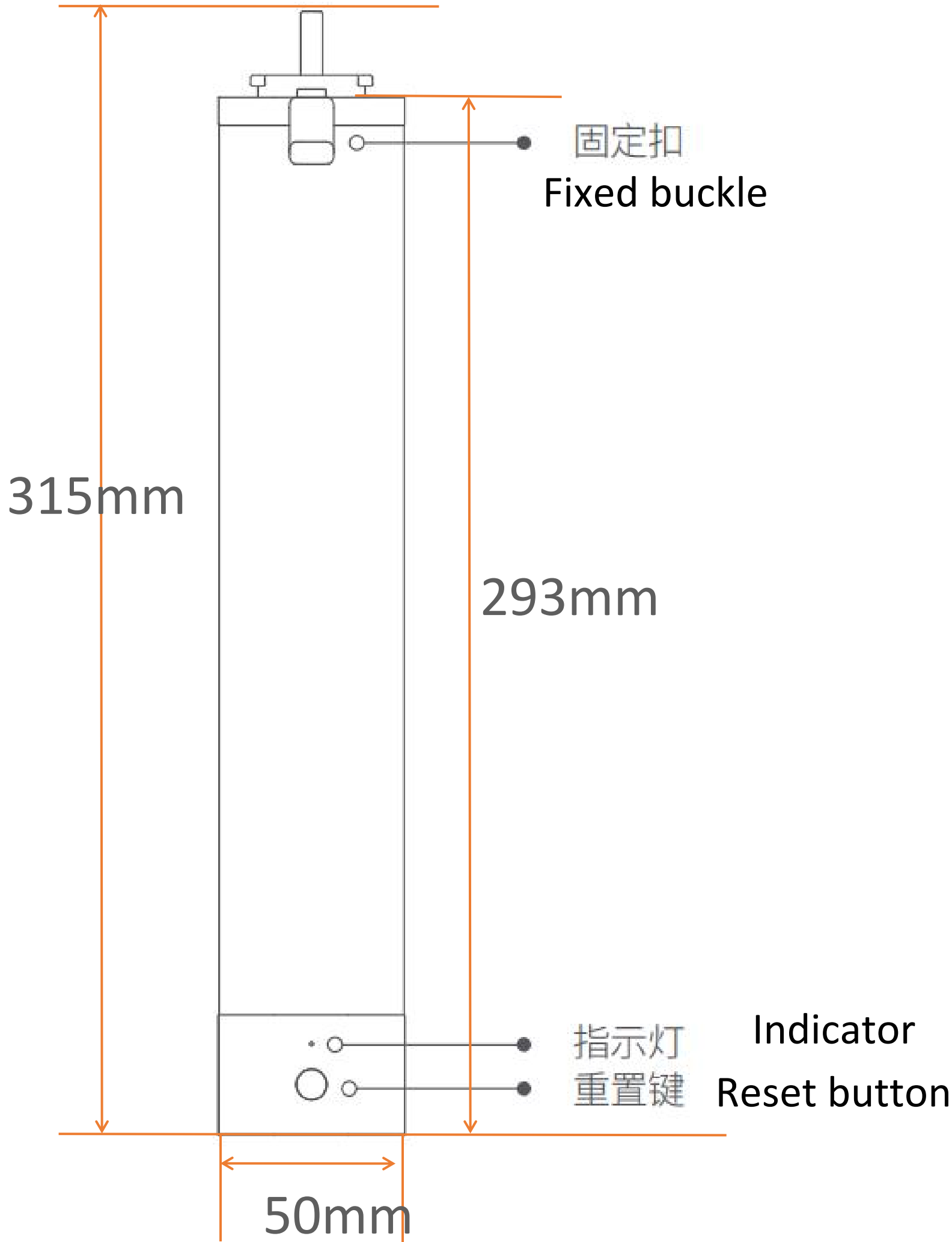
User manual



Curtain controller

Product Dimension

Item	Dimension
Product dimension	315*50*50mm
Package dimension	401*86*76mm
Net weight	886g
Gross weight	1005g



Product Specification

Parameter	Description
Product dimension	315*50*50mm
Input power	100-240V~50/60Hz
Power cable length	One meter (Three-core without plug)
Noise	Less than 26dB (Less than 20dB when in the low speed)
Rated Torque	2.0N·m
Working system	S2 4min
IP Rating	IP40
Insulation class	A
Rated moving speed	12cm/s
Empty load moving speed	8cm/s
Maximum load	80kg
Wireless protocol	Zigbee3.0
Operating temperature	-15~+55℃
Operating humidity	10% - 90%RH, non-condensing
speed control function	The empty load speed control: 4~16cm/s
Buzzer	Support
Reset button	1 button
Indicator	1 RGB indicator

Button Description

Reset button	Operations	Actions
	Single press	On/off/toggle
	Double press	The hub promotes “Normal link” if the device is added.
	Triple press	The curtain controller will emit two short beeps if already set the position. The curtain controller will set the current position as a limit point and emit a long beep to indicate a successful setup if not set the position.
	Press the button five times continuously	Delete the position
	Press the button over 5s	Restore to the factory mode and wait for device pairing

Product Selling Points



Timing setting support



Voice and remote control



Percentage precision control



Smart automation/scene



Manual stop



Soft start and stop

Product Selling Points

Manual stop



The industry's first curtain motor that supports manual stop function. Its advanced algorithm accurately detects any abnormal pulling trends during the operation of the curtains, making it safer for children and the elderly. It also provides a more flexible and intuitive control experience.

2.0N·m high-rated torque



The 2.0N·m high-rated torque allows for effortless handling of up to 80kg of weight. With its 7 pairs of magnetic pole motors, the torque output is even smoother, ensuring a stable and quiet operation throughout.

Speed control by hands



Our patented manual speed control function allows for precise detection of the starting speed when manually pulling the curtains. It is intelligently linked to the subsequent running speed of the curtains, achieving adaptive control based on the initial pull:
Pull it fast, and it will run fast.
Pull it slow, and it will run slow.

Product Selling Points

Customized position



You can set the opening and closing limits of the curtain's travel range through the app or by using the buttons. In case there are obstacles obstructing the movement of the curtain, you can customize the travel range to avoid them.

Ultimate silence



The silent DC motor, combined with an efficient helical gear reduction box, along with a complete set of noise reduction structure and algorithms, keeps the operating noise of the entire system below 26dB. At low speeds, it can achieve near-zero noise levels.

Infinite speed adjustment

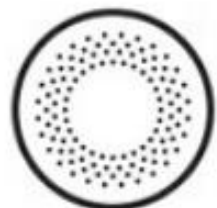


The infinite speed adjustment provides users with choices to meet a wider range of scenarios and needs. It offers a low-speed silent operation for quiet environments and a high-speed option for time efficiency. Users have the flexibility to adjust the speed at any time according to their preferences and specific requirements.

Rich Scenarios



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Smart curtain controller C3

Hub M1S

Smart sun protection

Control the curtain automatically according to the illuminance.



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Smart curtain controller C3

D200i

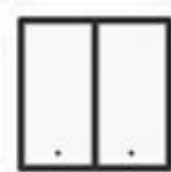
Hub M1S

Privacy protection when come back home

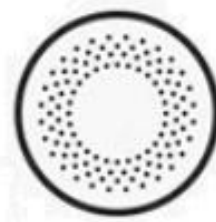
Close the curtain automatically when close the door.



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Smart curtain controller C3

Wireless remote switch

Hub M1S

One press to start the sleeping mode

Press the switch to close the door and lights

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Check the Environment for Product Installation



Unfurnished house



Gypsum ceiling



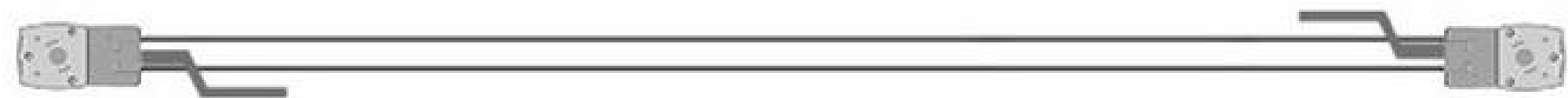
Irregular windows



Roman rod

Check the Installation Mode

Transmission box and track



L-shaped track



Straight track
Open the curtain at one side



Straight track
Open the curtain at both sides

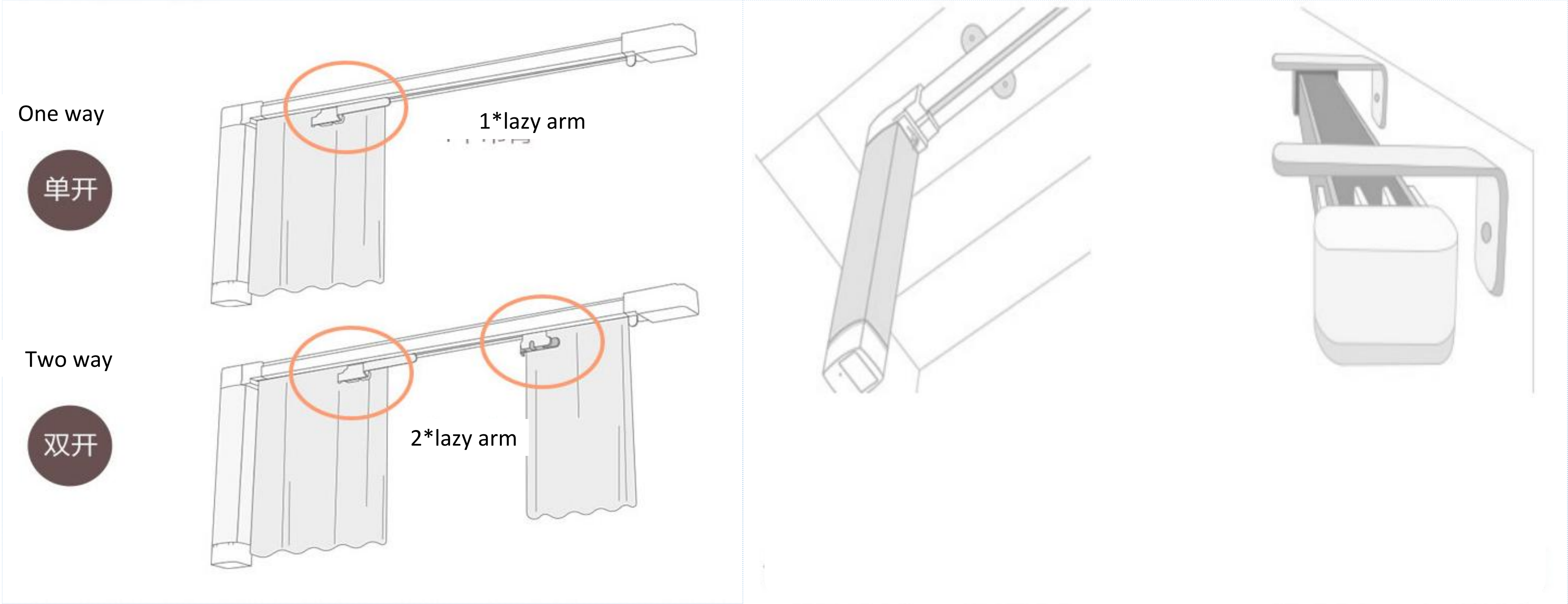


Curtain controller
installed at the left side



Curtain controller installed at
the right side

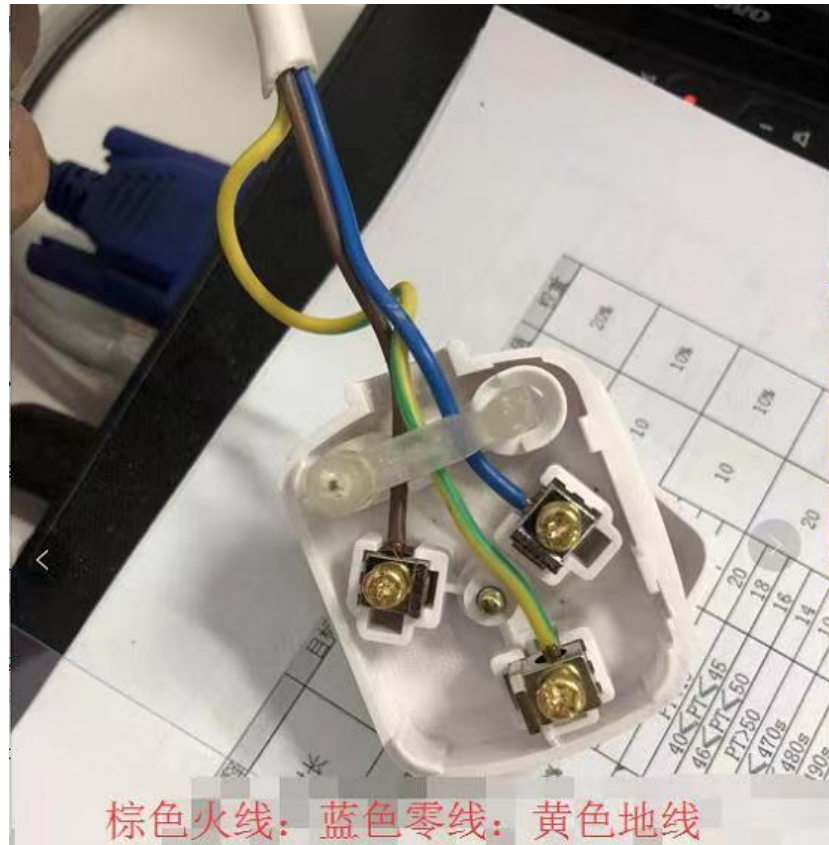
Check the Installation Mode



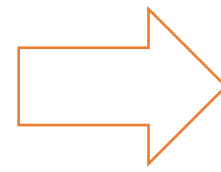
Ceiling mounting
(with curtain box)
*It can be mounted on the ceiling
with/without curtain box

Wall Mounting
(without curtain box)
*Mounting with curtain box is not
permitted

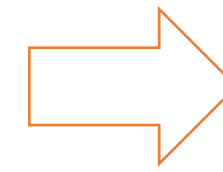
Curtain Motor Installation



①Connect the power adapter



②Turn the knob to secure it towards the inside of the house, then apply force to press and hold the knob.



③Rotate the knob 90 degrees clockwise until you hear a "click" sound.

C3窗帘电机安装指引

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FAQ

1. What's the maximum load supported by curtain controller C3?

The maximum load supported by the Aqara Smart Curtain Controller C3 is 80 kg.

2. What's the rated torque of curtain controller C3?

The torque of the Aqara Smart Curtain Controller C3 is 2.0 N·m.

3. If the curtains do not automatically open or close when manually pulled, how to solve it?

Please check if the "Manual Open/Close" function is enabled in the app.

4. If the curtains stop midway during operation, how to solve it?

- Check for any foreign objects on the curtain track.
- Try using the "Clear Travel" command in the app to reset the motor's travel and then attempt again.

5. Can the curtains be operated during a power outage?

This smart curtain motor supports the "Power-off Manual Control" function, allowing you to manually open or close the curtains like regular curtains during a power outage.

6. If the curtains do not stop when pulling them in the opposite direction, how to solve it?

Please check if the "Manual Stop" function is enabled in the app.

7. How is the "Manual Speed Control" function achieved?

Confirm if the "Adaptive Manual Speed" function is enabled in the app, and note that enabling this function requires the "Manual Open/Close" function to be turned on.

THANK YOU