Smart Blind

THIRD**REALITY**

Contents

Product Instruction

THIRDREALITY ZigBee Smart Blind, a smart honeycomb curtain with simple installation and convenient control (both online and offline). We offer 20 sizes, choose the size according to the width of your window. No worry about the height. The Smart Blind has a thoughtful design on the bottom which can automatically detect the window sill and then stop. Smart Blind is designed to run on Alkaline Batteries power and the drive units is at the bottom of blind, let the battery replacement becomes more convenient. Install the battery to realize remote control, local control. More intelligent control like voice control, app control, create routines, setting schedules/timers and setting groups can be achieved by connecting to gateways. Such as compatible Echo devices(which have Zigbee hub bulit-in), SmartThings, Home Assistant, Eero 6 & Eero 6 Pro, Third Reality Hub and Hubitat.

Product Features

① **Directly work with compatible Echo devices**

Smart Blind is a standard ZigBee device. It can directly work with compatible Echo devices with ZigBee hub built-in (including Echo (4th Gen), Echo Plus (1st Gen and 2nd Gen), Echo Show 10 (2nd Gen and 3rd Gen) and Echo Studio).

❷ **Work with multiple platforms.**

Smart Blind can also connect with SmartThings, Home Assistant, Eero 6 & Eero 6 Pro, Third Reality Hub and Hubitat.

❸ **Unique and novel design**

Smart blind uses bottom drive design, which makes daily operation more convenient and easier to replace the battery. With the design of bottom sensor, it's easier and more convenient to adjust the height of the blind within 72-inch at any time.

❹ **No worry about power support**

With more than 6 months of life support, AA batteries are cheap and easy to change. No worry about whether your window is too high to charge or without an outlet. No worry about batteries is dead, but it is hard to find replacement batteries.
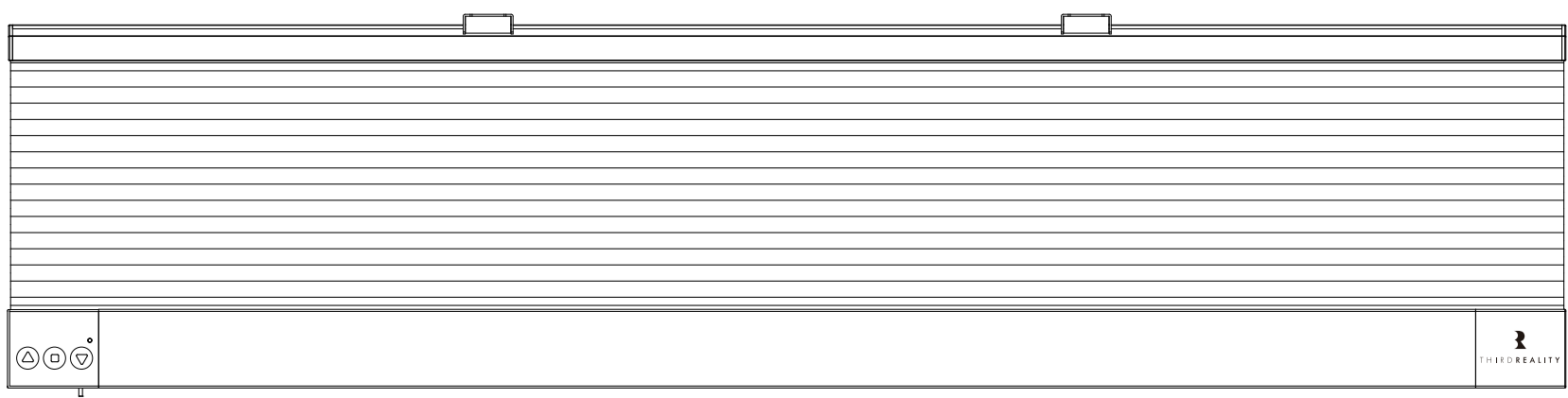
❺ **Functions provided by Alexa App**

Smart Blind works with Alexa and it has multiple functions, including schedule, group and routine. Set your blind on or open according to the sunset or sunrise time, etc.

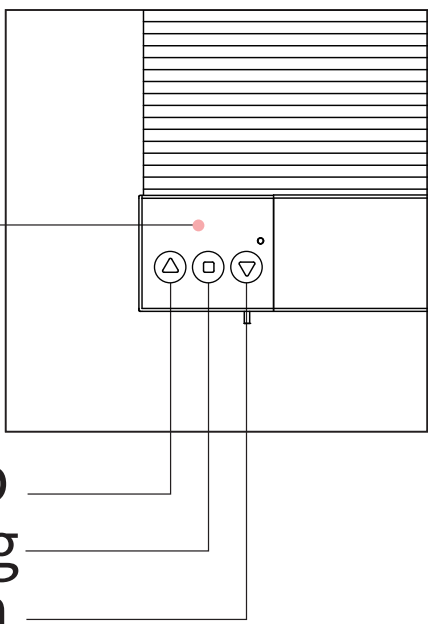❻ **Good shading and cordless design**

Aluminum coating inner provides great thermal insulation & sound absorption. Absolute privacy and room darkening offered, ideal indoor window treatments for bedroom, living room, patio sliding door etc. Cordless design, safe for children and pets.
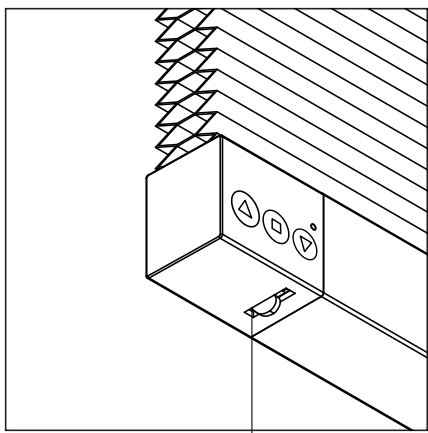
Product Details

LED Status

Pairing: fast blinking (twice per second)

Off-line: slow blinking (blink once every three seconds)

Low power: double blinking (two short blinks every two seconds)

LED Indicator
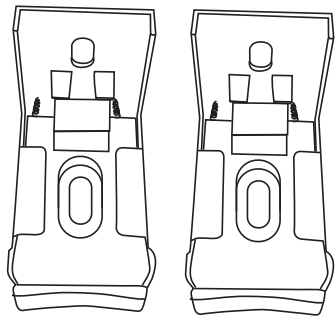
Up
Setting
Down

Bottom Sensor

Once the Bottom Sensor is triggered when the Smart Blind is turned down, the Smart Blind will stop moving, and the position (where the bottom sensor is triggered) will be set as 100% position.

Bottom Sensor

Battery Cover

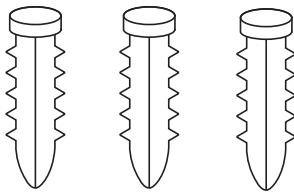Pay attention to the positive and negative terminals of the Batteries.
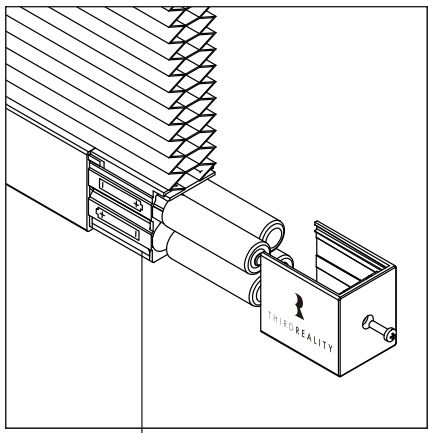
Battery Cover
(AA Battery x4)
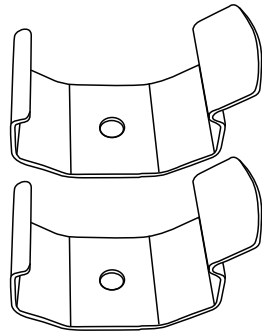
L Bracket x2

U Bracket x2
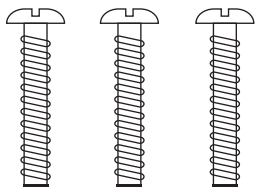
Screw x3

Plastic Expansion
Bolt x3

AA Battery x6

Smart Blind Remote
Model No.:3RSB015BZ-R
FCC ID: 2AOCT-3RSB015BZ
Input:3V (2 X 1.5V AA Battery)
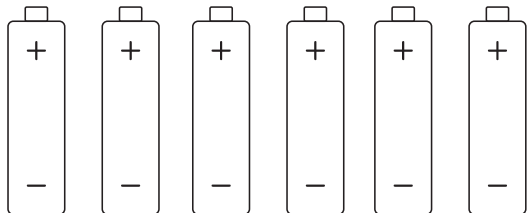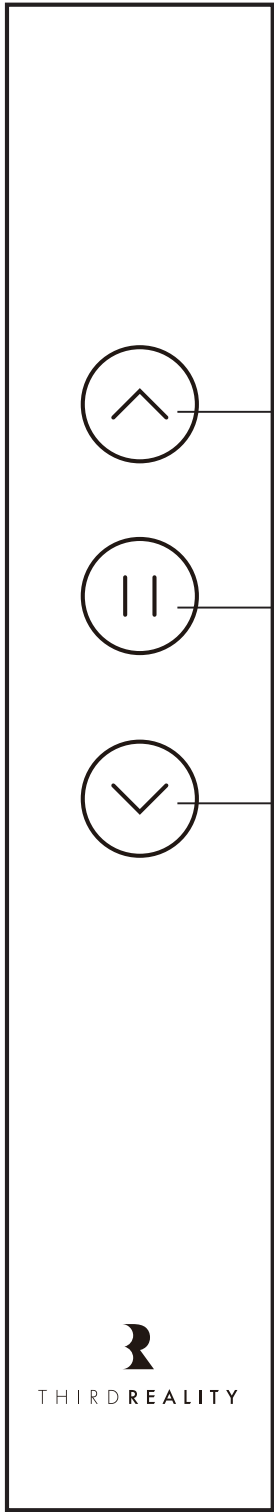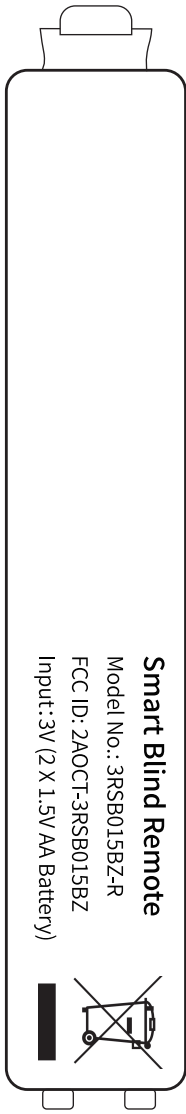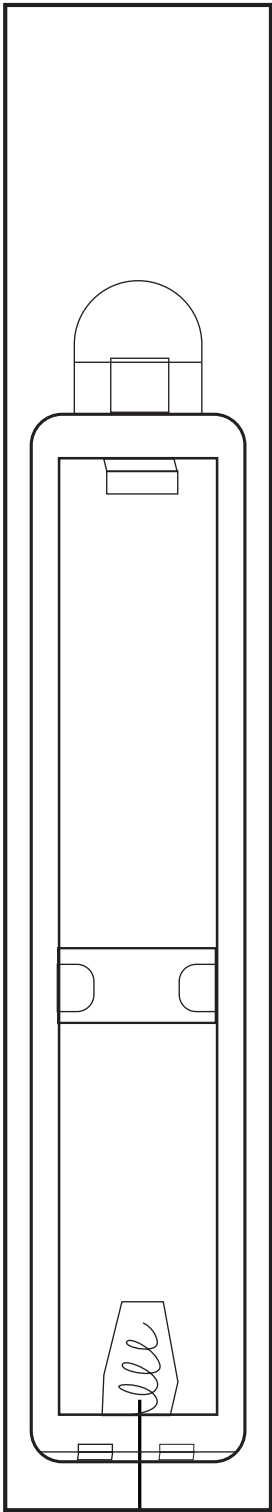
THIRD**REALITY**

Up

Stop

Down

Battery Cover

(AA Battery x2)

Smart Blind Installation

THIRDREALITY Smart Blind supports both inside and outside mount, a pair of L shape brackets and a pair of U brackets, screws and plastic expansion bolts are provided. Please prepare a PH2 screwdriver for the mount; For masonry surface please prepare an electric drill with an M5 drill bit. Make sure the THIRDREALITY logo of the Smart Blind and the button of the L brackets or the flange of the U brackets face in when installed.

❶ **Choose inside or outside mount as needed. If your window sill is less than 2 inches deep, please choose outside mount. For outside mount, if you want to expose the whole window when the smart blind is fully closed, make sure the distance from the mount holes to the window below is greater than 4.3".**
a. Inside Mount

Min. ≥ 2"
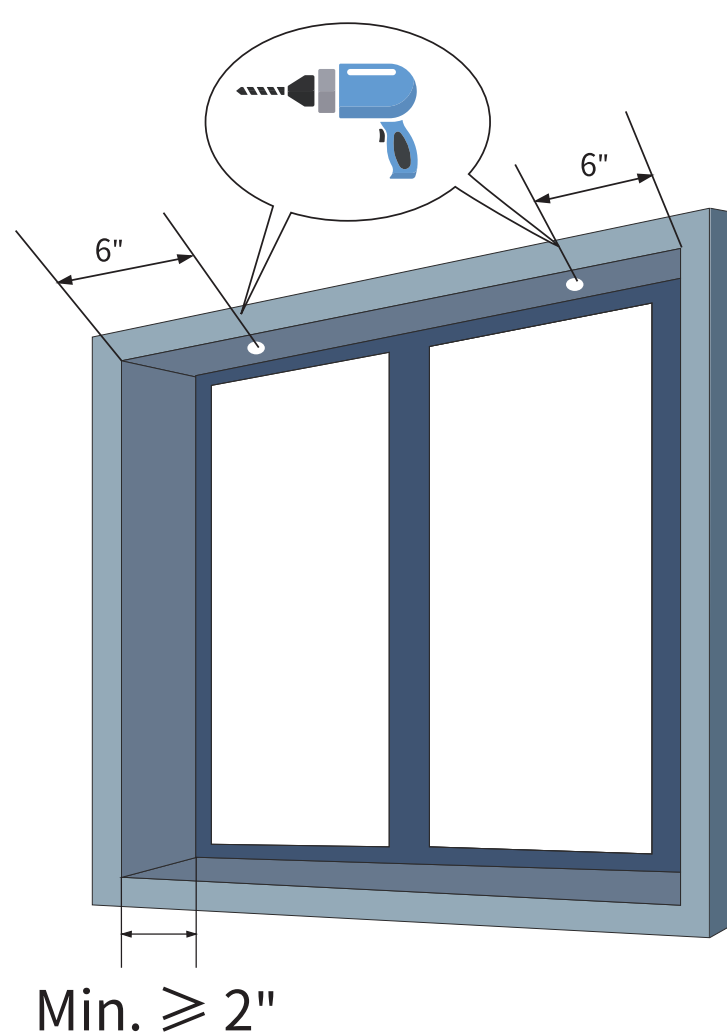
- According to the diagram, measure and mark the position;
- For wooden surface use a PH2 screwdriver and the provided screws to secure the bracket.
- For masonry surface use a M5 drill bit to drill a pilot hole for the provided plastic expansions bolt. Insert the plastic expansion bolt into the pilot hole, then use a PH2 screwdriver to secure the bracket with the provided screw.
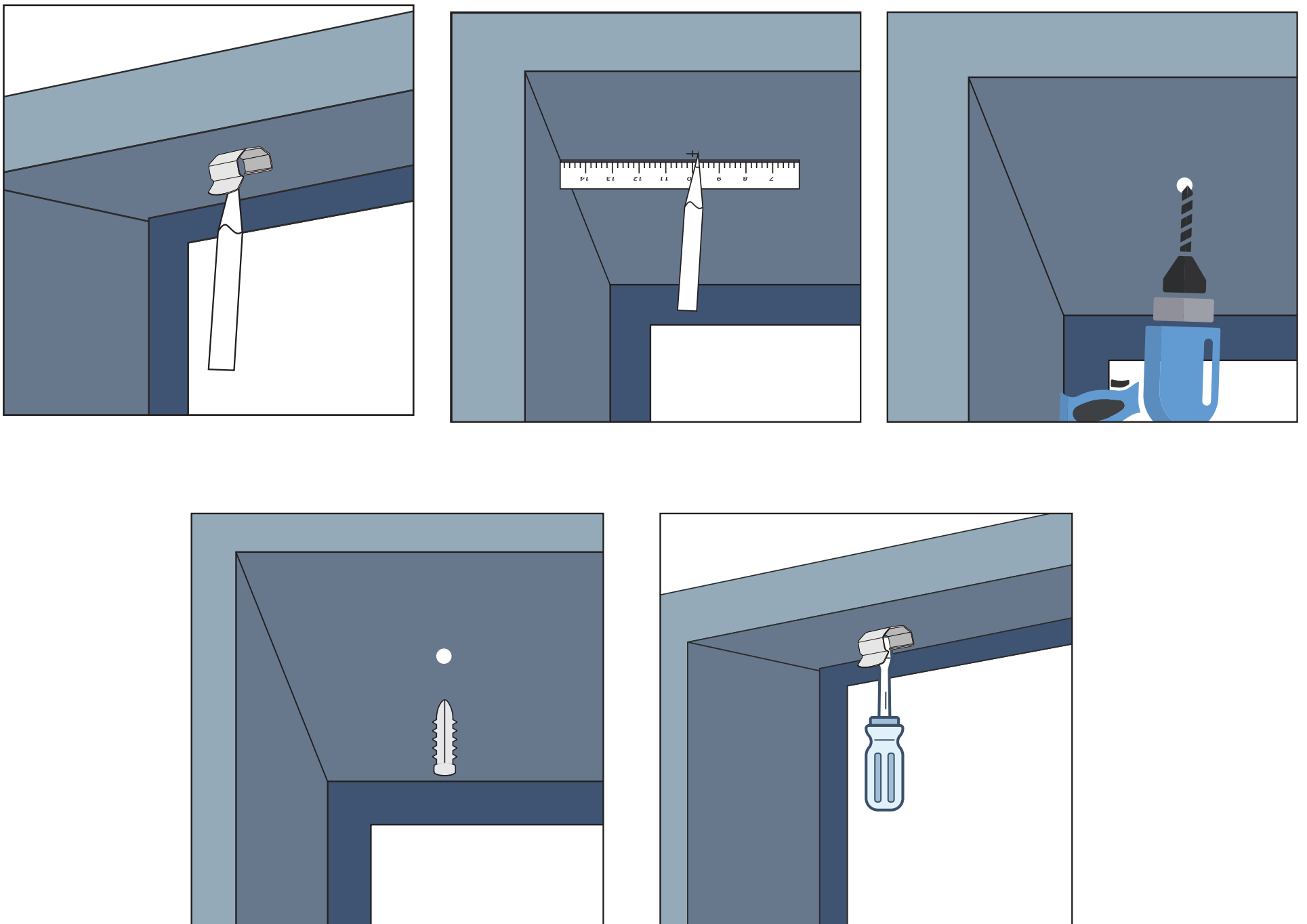
b. Outside Mount

- According to the diagram, measure and mark the corresponding position.

6"   6"

Length of the blind
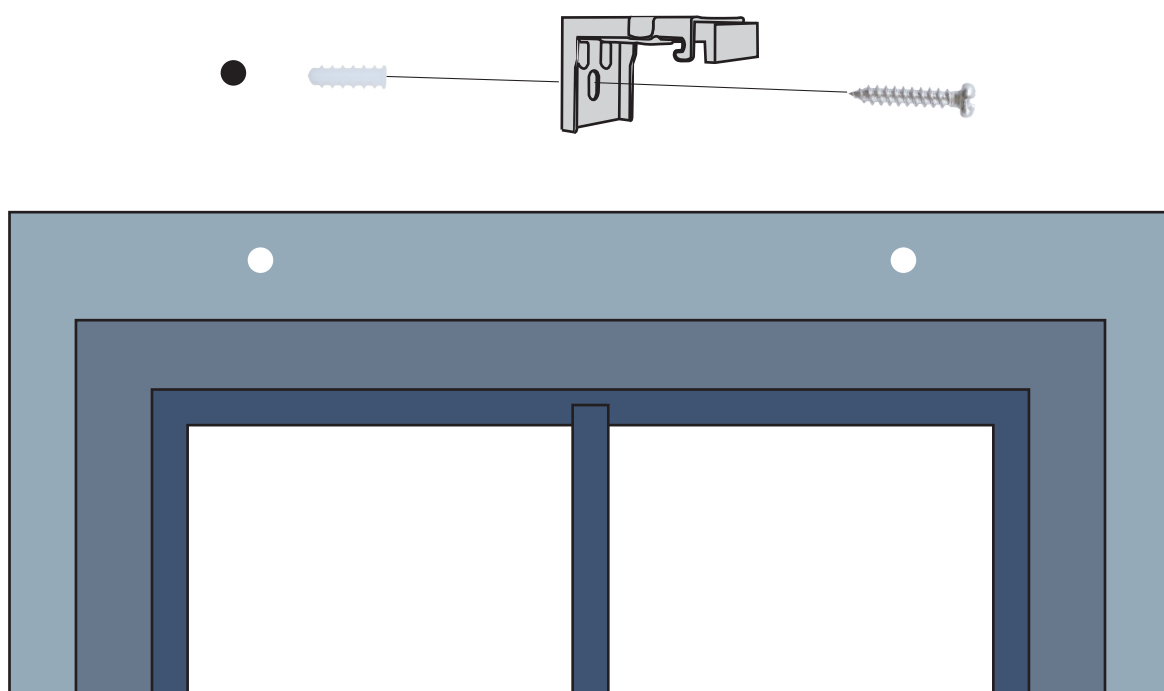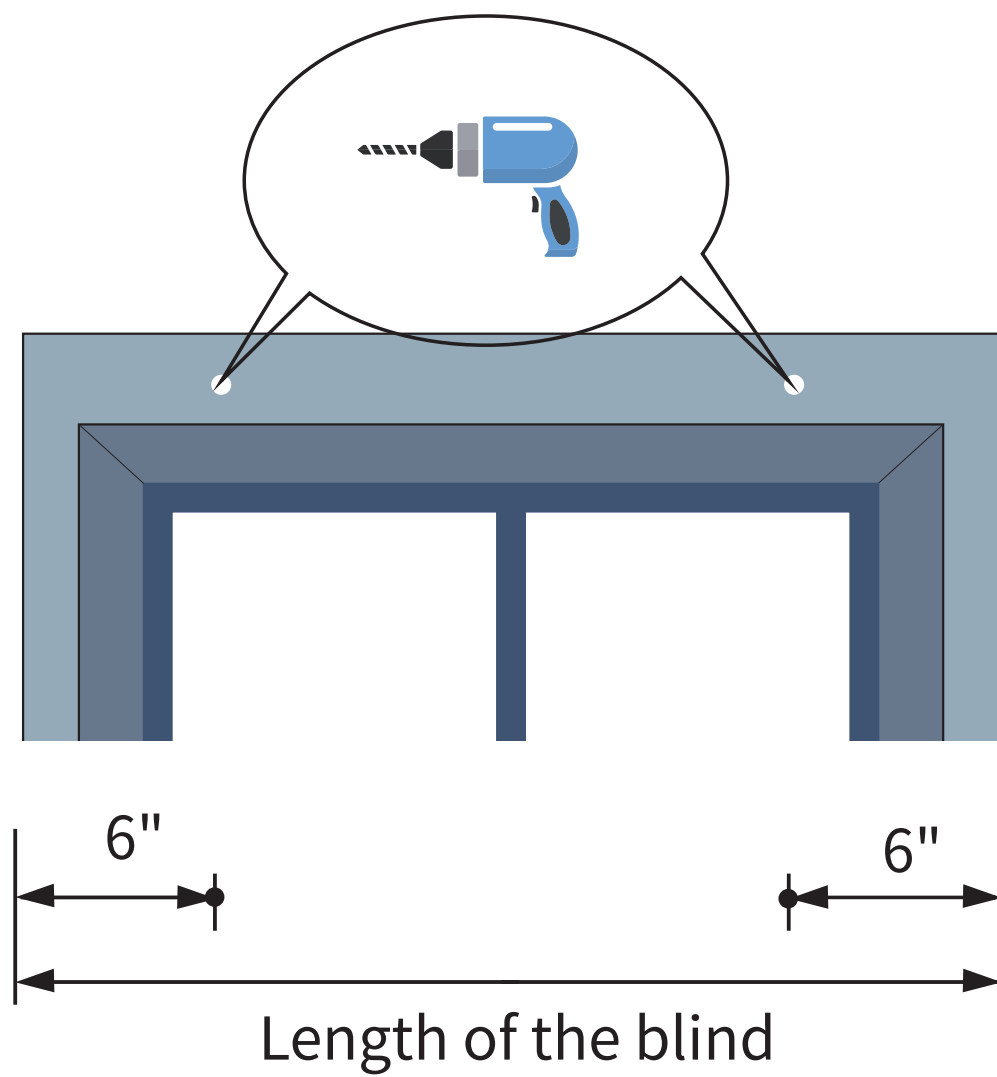
- For wooden surface use a PH2 screwdriver and the provided screw to secure the bracket.
- For masonry surface use an M5 drill bit to drill a pilot hole for the provided plastic expansion bolt. Insert the plastic expansion bolt into the pilot hole, then use a PH2 screwdriver to secure the bracket with the provided screw. Insert the plastic expansion bolt into the hole, then use a PH2 screwdriver to fasten the bracket with the provided screw.

Min. ⩾ 4.3"
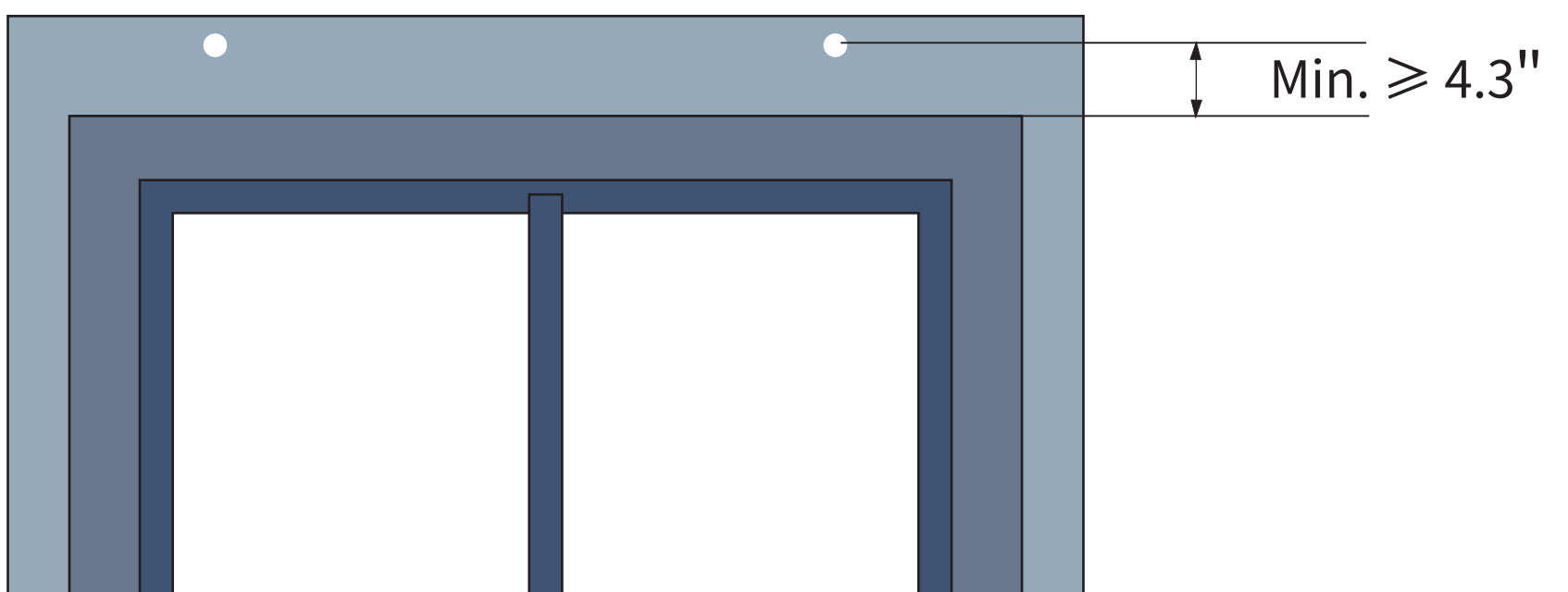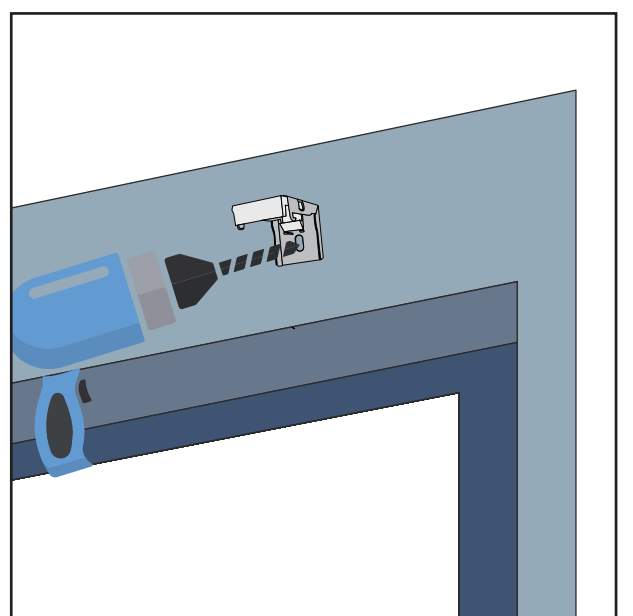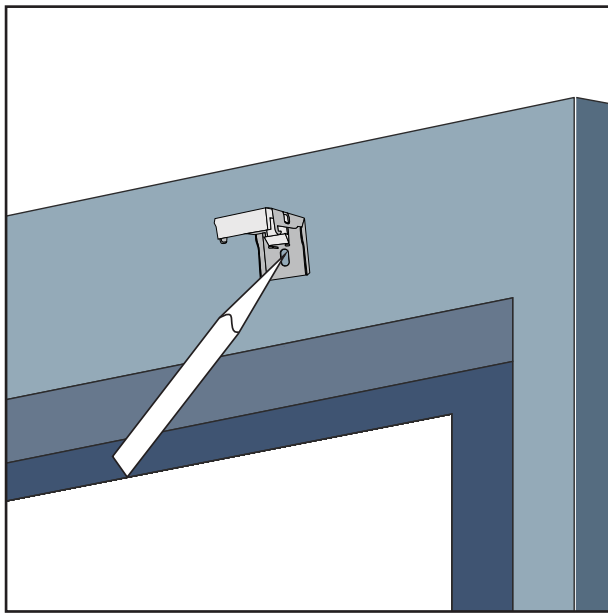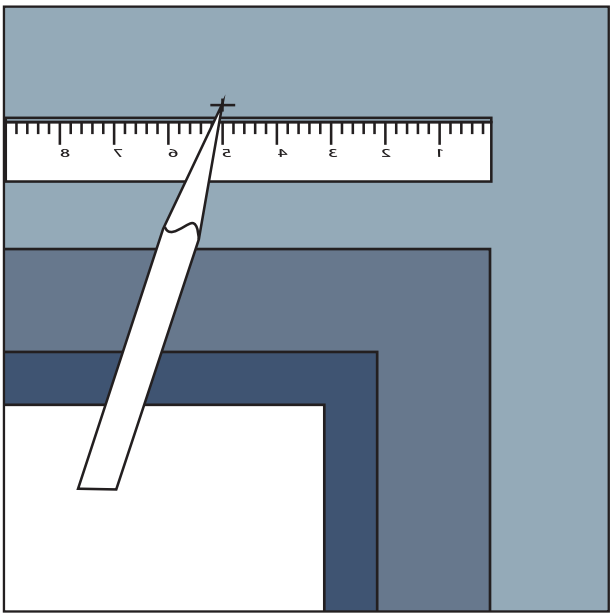
❷ Unscrew the screw with the PH2 screwdriver to open the battery cover, install 4 provided AA batteries, close and secure the battery cover with the screw.
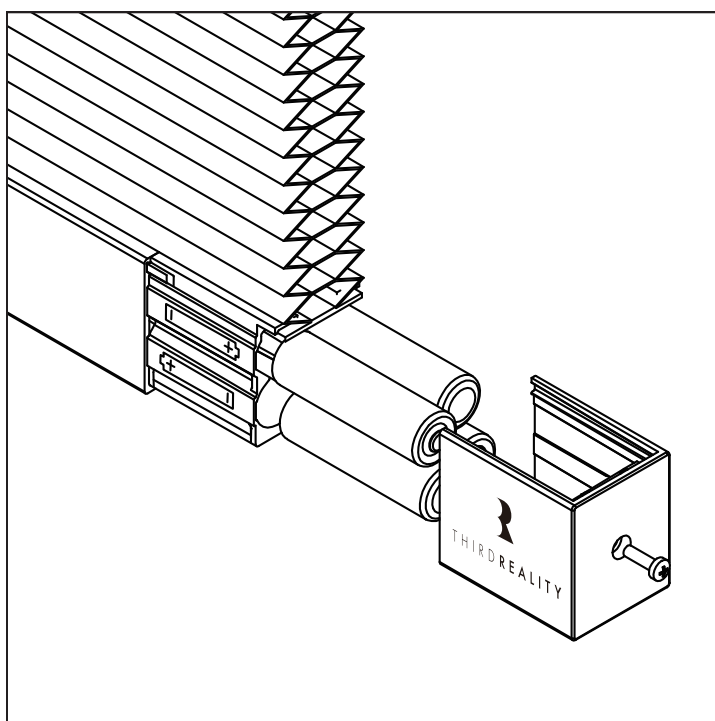
❸ **Outside Mount/Inside Mount**

Outside Mount: Firstly align the outside of the top rail with the brackets, then push up the smart blind to get it into place. The bracket's button pops up and makes a clicking sound, indicating it is secured. To uninstall the smart blind, push the button of the brackets and then pull down the smart blind.

Inside Mount: Firstly align the inside of the top rail with the brackets, then push up the smart blind to get into place. To uninstall the smart blind, push the outside of the brackets and then pull down the smart blind.
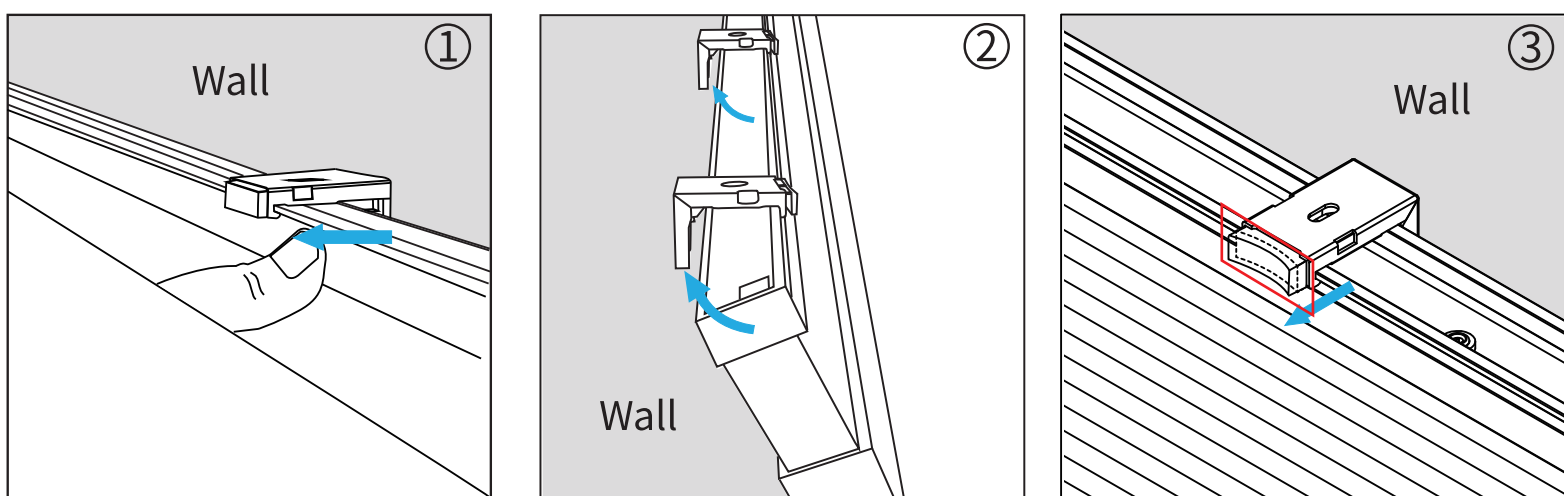
Note: Please shake the blind to ensure the blind and the Extension Bracket are in close contact.

④ Set the position where you want the bottom of your Smart Blind to rest.

Before setting the bottom position, firstly press UP button on the bottom rail of the Smart Blind or use the remote to let the Smart Blind retract to the top position.

- Press Down button on the bottom rail of the Smart Blind or use the remote to let the Smart Blind extend, it will stop moving when the Bottom Sensor hits any surface such as the window sill or your finger, the next time when extending it will stop at this position automatically.

- Or you can stop the Smart Blind at your desired position, then hold up the bottom sensor with your finger, and press the DOWN button on the bottom rail to set this position as the bottom position.

Note: The bottom sensor can only be triggered when the Smart Blind is running down, it cannot be triggered when the Smart Blind is running up or stops moving.
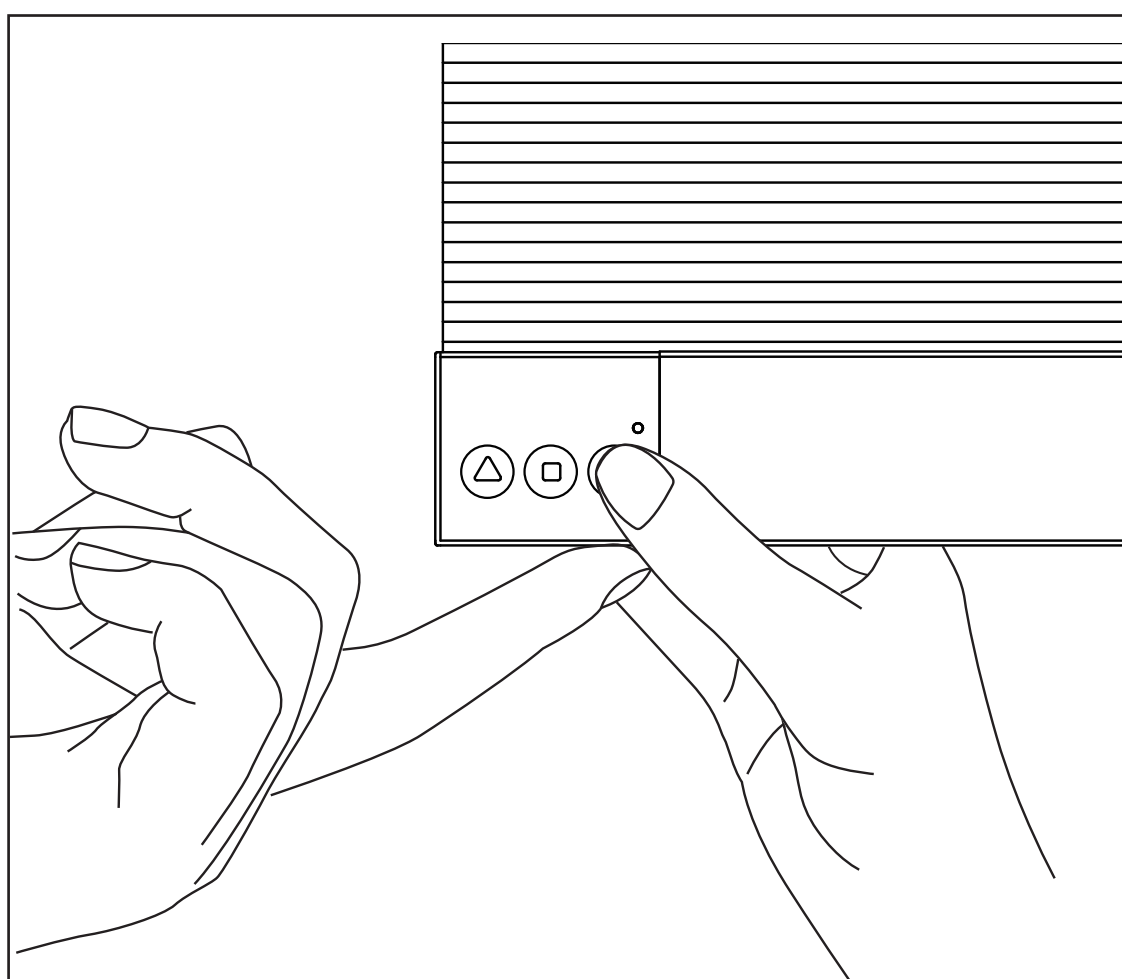
Local Using of Smart Blind

Optimum height:

The height of our ThirdReality Smart Blind support 72 inches at maximum. It will stop automatically and take the position as 100% position when the bottom sensor has been triggered by window sill or other things. Then next time when the Smart Blind turned down via voice control or Alexa App, it will stretch to the same position automatically.

Local Control:

Controlling buttons are provided on the blind body and IR remote. You can control the blind through these buttons. Our Smart Blinds also support App control or voice control by pairing with multiple devices, We have another manual to guide you with the pairing.

Pairing with Amazon Echo

Compatible Device: Echo V4, Echo Plus V1 & V2, Echo Studio, Echo Show 10 Gen2 & Gen3
App: Amazon Alexa App

Pairing Steps:

1 Long press the setting button of blinds for more than 5 seconds until the LED light flashes rapidly in red, indicating that the Smart Blind is in pairing mode.

2 Before pairing, make sure the Echo devices have been updated to the latest version. Then directly say "**Alexa, discover my devices**". Or you can open Alexa App, go to device page, tap "**+**" on top right, choose "**Add Device**", then click "**other**" by sliding down, tap "**DISCOVER DEVICES**" , wait for few seconds, the Smart Blind will be paired to Alexa.

3 After the pairing is successful, you can control the blinds by voice and App.

Using Smart Blind

Optimum Height:

The height of our ThirdReality Smart Blind support 72 inches at maximum. It will stop automatically and take the position as 100% position when the bottom sensor has been triggered by window sill or other things. Then next time when the Smart Blind turned down via voice control or Alexa App, it will stretch to the same position automatically.

Voice Control

- "Alexa, turn on my first blind."
- "Alexa, turn off my first blind."
- "Alexa, set my first blind to 50 percent."

App Control

Set routines to let it on/off automatically.

Pairing with Eero

Compatible Devices: Eero 6 & Eero 6 Pro
App: Eero App   Alexa App

Pairing Steps:

1. Make sure that the Eero App account is logged in and the gateway is properly connected.

2. Open Alexa App and register your account, then enable Eero Skill to Alexa App.

3. Long press the setting button of blinds for more than 5 seconds until the LED light flashes rapidly in red, indicating that the Smart Blind is in pairing mode.

4. Before Pairing, make sure the Echo devices have been updated to the latest version, then directly say "**Alexa, discover my devices**". Or you can open Alexa App, go to device page, tap "**+**" on top right, choose "**Add Device**", then click "**other**" by sliding down, tap "**DISCOVER DEVICES**", wait for few seconds, the smart blinds will be paired to Alexa.

5. After the pairing is successful, you can control the blinds by voice and App.

Pairing with SmartThings

Compatible Devices: SmartThings Hub 2015&2018, Aeotec
App: SmartThings App

Pairing Steps:

❶ Long press the setting button of blinds for more than 5 seconds until the LED light flashes rapidly in red, indicating that the Smart Blind is in pairing mode.

❷ Open SmartThings App, tap "**+**" on top right. Then click "**Add Devices**", Choose "**Scan nearby**".

❸ After the pairing is successful, it will be displayed as "**Third Reality Smart Blind**" on the page.

❹ You can control the Smart Blind in its details page now.

❺ You also can make your Smart Blind smarter by adding automations in the SmartThings App.

Pairing with Home Assistant

Pairing Steps:

❶ Long press the setting button of blinds for more than 5 seconds until the LED flashes rapidly in red, indicating that the Smart Blind is in pairing mode.

❷ Make sure Home Assistant Integrations ZigBee Home Automation Setup is ready, then click "**+ Add Device**" on Device Page.

❸ After the pairing is successful, it will be shown as "**Third Reality, Inc 3RSB015BZ**" on the page.

❹ Back to "**Devices & Services**" page, click the device list under the "**HubZ Smart Home Controller**" button, then you can find the Smart Blind added before. Click to enter in the control interface to operate the Smart Blind.

❺ You can add "**Automated Actions**" and check device status on the "**Device**" page.

Pairing with Third Reality

ZigBee Hub Prepare: Third Reality Smart Hub
App: Third Reality App

Pairing Steps:

1. Long press the setting button of blinds for more than 5 seconds until the LED light flashes rapidly in red, indicating that the Smart Blind is in pairing mode.
2. Open Third Reality App, go to device page, tap "**+**" belongs to the Hub, choose "**Smart Blind**", then click "**Pair**".
3. After the pairing is successful, tap "**Complete**", then back to main interface.
4. Tap "**Smart Blind**" icon on device page, you can see the details, such as Battery, History Records and etc. Follow the instructions to control Smart Blind.

Using Smart Blind

Enable Alexa Skill:

Open Alexa App and log in your account, follow the prompts to enable "**Third Reality Skill**" and tap "**DISCOVER DEVICES**", then you can control Smart Blind through Alexa App or Echo Devices.

Pairing with Hubitat

Website: http://find.hubitat.com/

Pairing Steps:

❶ Long press the setting button of blinds for more than 5 seconds the LED light flashes rapidly in red, indicating that the Smart Blind is in pairing mode.

❷ Log in the website, click "**Connect to Hub**".

❸ After pairing with Hub, choose "**Devices**", then click "**Discover Devices**", Tap "**ZigBee**", Choose "**Start ZigBee Pairing**".

❹ After the pairing is successful, it will shows on page as "**ThirdReality Smart Blind**". Click "**Label**" to rename the Smart Blind and then tap "**save**".

❺ Go to the Device page, you will see the Smart Blind and then click in, you will see the controlling buttons of "**Close**"、"**Open**"、"**Set Level**"、"**Pause**".

Troubleshooting

❶ Factory Reset

Press and hold the setting "□" button of blinds for more than 5 seconds until the LED light flashes rapidly in red, indicating that the Smart Blind is in pairing mode.

❷ Fail to pair with Echo

Make sure your Echo Speaker is compatible with Smart Blind (including Echo (4th Gen), Echo Plus (1st Gen and 2nd Gen), Echo Show 10 (2nd Gen and 3rd Gen) and Echo Studio) and updated to the latest version.

- Please ensure your Echo devices are setup before adding the Smart Blind.
- Reboot the Echo speaker by unplugging the power and plugging it back in, then try to pair the Smart Blind with it again.
- Factory reset the Echo speaker (Press and hold the Action button for 25 seconds. The light ring will pulse orange, then turn off. Wait for the light ring to turn back on and turn blue. The light ring then turns orange again and the device enters the setup mode), then try to pair the Smart Blind with it again.

❸ Smart Blind is not responding after pairing with Echo device

- Check the LED indicator status of the smart blind, blinking once every 3 seconds meaning it is offline, please reboot the Echo speaker and factory reset the Smart Blind, then pair the Smart Blind with the Echo speaker.
- If still not work, please try to deregister the Echo speaker and register back in, then try to pair the Smart Blind with it.

❹ Smart Blind does not stop at the preset position

Press the "Up" button and let the Smart Blind move to the highest position and now the blind has returned to the original 0 percent. Then press the "Down" button to make the Smart Blind move down, after triggering the bottom sensor, the blind will stop. Meanwhile, the position is set to 100% position, which is the preset bottom position.

❺ The "up" and "down" buttons of Smart blind reverse to the actual movement

When this happens, press the "Up" button and let the Smart Blind move to the lowest position. After it reaches the lowest position, it will continue moving to the highest position. Meanwhile, the "Up" and "Down" button will correspond with the actual direction of moving.

❻ Press button no response after installation

Please confirm whether the batteries are installed correctly.

❼ Change the 100% position preset

- To reset 100% position to a higher position, just trigger the bottom sensor again as the blind falls down.
- To reset 100% position to a lower position, when the smart blind stops at the present 100% position, press the down button twice to move the smart blind down, stop it by trigger the bottom sensor when the blind moves to new position you want.

Please scan the QR link for video reference.

❽ **When paired with Third Reality hub, the smart blind can not be controlled on the Third Reality app by pressing the UP button, yet can not be controlled to fully close by dragging the progress bar to 0% in Third Reality app.**

First press DOWN button in Third Reality app to let the smart blind go down, then press UP button to let it go up to the top position.
Or you can press the UP button on the Smart Blind or that on the IR remote to move the Smart Blind to the top position, then the Smart Blind is at the real 0% position. Now you can use it in Third Reality App flawlessly.

FCC Regulatory Conformance

This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received,
including interference that may cause undesired
operation.

For troubleshooting, warranty and safety information, visit
www.3reality.com/devicesupport

RF Exposure

This equipment complies with FCC radiation exposure
limits set forth for an uncontrolled environment.
This equipment should be installed and operated with
minimum distance of 20 cm between the radiator
and your body. This transmitter must not be co-located or
operating in conjunction with any other antenna
or transmitter.

Limited Warranty

For limited warranty, please visit www.3reality.com/devic-
esupport
For customer support, please contact us at info@3reali-
ty.com or visit www.3reality.com
For help and troubleshooting related to Amazon Alexa,
visit the Alexa app.