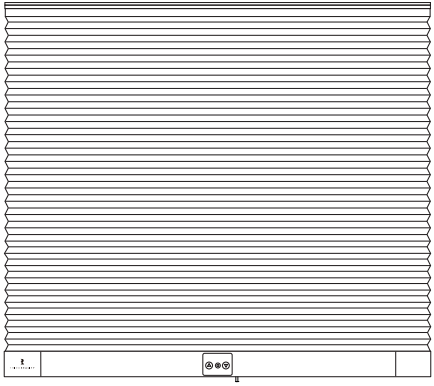
Smart Blind Gen2

Quick Start Guide



THIRD REALITY

RF Exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Limited Warranty

For limited warranty, please visit
https://3reality.com/fag-help-center/
For customer support, please contact us at
info@3reality.com or visit www.3reality.com
For questions on other platforms, visit the corresponding platform's application/support platform.

Specifications

Name	Smart Blind Gen2
Model	3RSB02015Z
FCC ID	2BAGQ-3RSB02015Z
Operating Voltage	DC 6V
Battery Type	LR14 battery × 4 (included)
Working Frequency	Zigbee 3.0 : 10dBm ; 2.4GHz
Working Condition	Indoor Use Only
Working Temperature Range	Default 0~40 °C (indoor)

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device should be installed and operated with a minimum distance of 20cm between the radiator and your body.

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Product Instruction

The Smart Blind Gen2 is a customizable smart blind available in widths ranging from 33 to 80 inches. Powered by just four C batteries(Batteries not included), it can last up to 2 years under typical usage. Designed with the Zigbee protocol, it' s compatible with various platforms and, with the Third Reality Bridge, can also integrate seamlessly with Google Home and Apple Home. Made with an aluminum alloy design, it offers excellent heat insulation, noise reduction, and motion resistance, making it a versatile and durable choice for any space.

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).

5 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.

6 Press button no response after installation

Please confirm whether the batteries are installed correctly.

7 How to stop the Smart Blind when it's extending / retracting?

You can stop the Smart Blind from extending /retracting with a stop command of pressing the Stop button on the bottom rail or the remote, or in your Third Reality App.
You can not stop it from extending/retracting with commands like pressing Up/ Down on the bottom rail or the remote (or in the App), nor with voice command like turn On /Off the fisrt blind.

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 How to change the bottom position of the Smart Blind

Press the UP button and let the Smart Blind retract to the highest position, now the Smart Blind returns to the original zero percent. Press the DOWN button to let the Smart Blind extend, stop the bottom rail at your desired position by pressing the setting/stop button. Now hold up the bottom sensor with your finger first, then press the DOWN button, after that release the DOWN button first, then release the bottom sensor, now you have set this position as the preset bottom position, the Smart Blind will stop at this position automatically next time when extending.

❷ Work with multiple platforms

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

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 are dead, but it is hard to find replacement batteries.

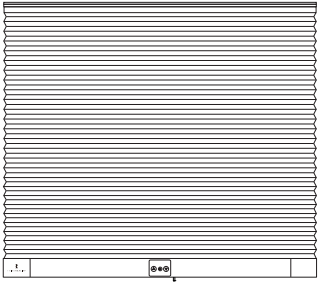
❺ Functions provided by Alexa App

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 orsunrise time, etc.

❻ Good shading and cordless design

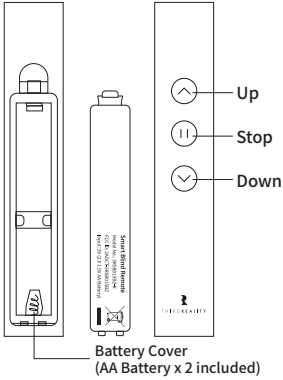
Non-woven fabric with aluminum foil provides good thermal insulation and noise absorption, as well as privacy protection and light control, which makes it an ideal indoor window treatment for bedroom, living room, patio sliding door etc. Cordless designmakes it safe for children and pets.

What's in the Box



Smart Blind Gen2 × 1

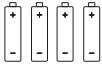
Quick Start Guide × 1



Smart Blind Remote × 1

L Bracket × 2

U Bracket × 2



AA Battery × 4

Screw × 3

Plastic Expansion Bolt × 3

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. Every time you factory reset the Smart Blind, your preset bottom position will be reset to default (72"), you need to reset your desired bottom position.

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.

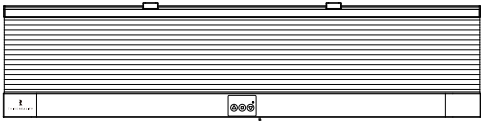
Pairing with Hubitat

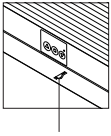
Website: http://find.hubitat.com/

Pairing Steps:

1. 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.
2. Log in the website, click "Connect to Hub".
3. After pairing with Hub, choose "Devices", then click "Discover Devices", Tap "Zigbee", Choose "Start Zigbee Pairing".
4. 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".
5. 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".

Product Details

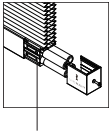




Bottom Sensor

Bottom Sensor

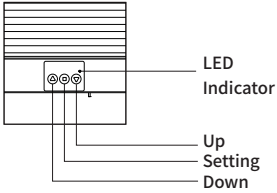
When the Smart Blind is extending if the Bottom Sensor hits any surface (like the window sill or your finger) , it will stop at this position. The Bottom Sensor is also used to "Set the position where you want the bottom of your Smart Blind to rest". (See P11)



Battery Cover
(AA Battery x 4 included)

Battery Cover

Pay attention to the positive and negative terminals of the Batteries.



Buttons

Buttons	Actions	Functions
Up	Short press	Curtains rise
Set/Stop	Short press	Stop
	Long press more than 3s	Restore factory settings and re-enter pairing mode.
Down	Short press	Curtains down
	Long press	The curtains continue down to the bottom.
Up+Down	Long press more than 3s	The device enters manual calibration mode: After releasing the hand, press Up or Down to adjust the motor to move up and down

LED Status

Device Status	LED Status
Pairing	Blue blinking
Low Battery	Red double blinking
Offline	Red slow blinking
Factory Reset	Press and hold the Set button for 5 seconds until the red light turns on. Release the button, and the device will restart.
Manual Calibration Mode	Press and hold Up+Down for 3 seconds until the blue light turns on, then release it.

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 Gen2

Enable Alexa Skill:

After adding the Smart Blind to your Third Reality Smart Hub, enable Third Reality Skill and tap "DISCOVER DEVICES" in your Alexa App, now you can use the voice assistant or to create routines in your Alexa App to control the Smart Blind.

Pairing with Home Assistant

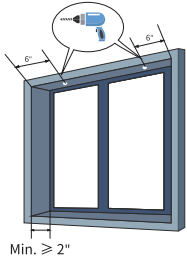
Pairing Steps:

1. 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.
2. Make sure Home Assistant Integrations Zigbee Home Automation Setup is ready, then click "+ Add Device" on Device Page.
3. After the pairing is successful, it will be shown as "Third Reality, Inc 3RSB015BZ" on the page.
4. Back to "Devices & Services" page, click the device list under the "Hub 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.
5. You can add "Automated Actions" and check device status on the "Device" page.

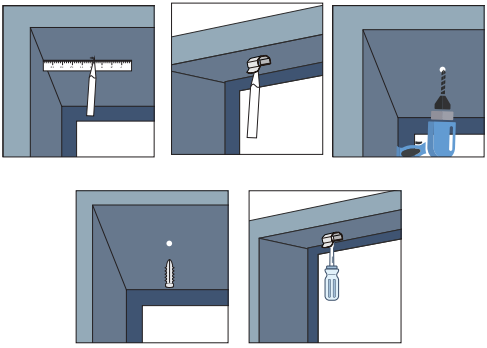
Installation

THIRDREALITY Smart Blind Gen2 supports both inside and outside mount, a pair of L 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.

1. Choose inside or outside mount as needed. Make sure your window recess meets the minimum depth requirement of 2" for inside mount. For outside mount, if you want to expose the whole window when the smart blind is fully closed, make sure you have at least 4.3" of flat space above the window.
   a. inside Mount



- 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 pilothole 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.

Pairing with SmartThings

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

Pairing Steps:

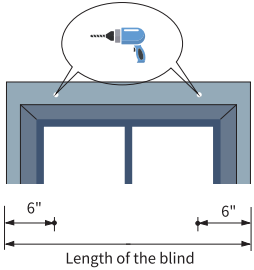
1. Long press the setting button of blinds for more than 5 seconds until the LED light flashes rapidly in red, indicating that the Smart Blind is in pairing mode.
2. Open SmartThings App, tap "+" on top right. Then click "Add Devices", Choose "Scan nearby".
   After the pairing is successful, it will be displayed as "Third Reality Smart Blind" on the page.
3. You can control the smart Blind in its details page now.
4. You also can make your Smart Blind smarter by adding automations in the SmartThings App.

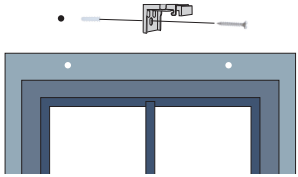
Pairing with Eero

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

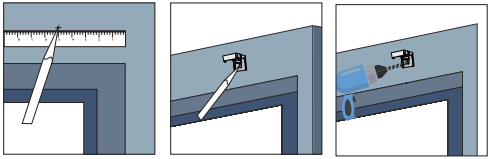
Pairing Steps:

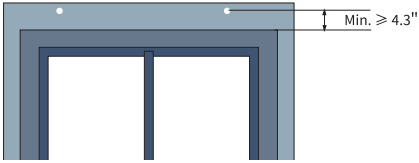
1. Make sure that the Eero App account is logged in and the gateway is properly connected.
2. Open Alexa App and register your account, then enable Eero Skill to Alexa App.
3. Long press the setting button of blinds for more than 5 seconds until the LED light flashes rapidly in red, indicating that the 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.



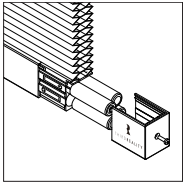


- For wooden surface use a PH2 screwdriver and the provided screw to secure the bracket.
- For masonry surface use an M5 drill bit to drill a pilot hole for the provided plastic expansion bolt. insert the plastic expansion bolt into the pilot hole, then use a PH2 screwdriver to secure the bracket with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





2 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.



Using Smart Blind Gen2

Optimum height:

The height of our Third Reality Smart Blind supports 72 inches at maximum.

Voice Control:

- "Alexa, turn on /off first blind."
- "Alexa, set / turn on / turn off / turn up /turn down /open/close first blind to 50%."

Routines:

You can create routines in your Alexa App to turn on/off the Smart Blind or set any open percentage, for example you can create a routine with a motion sensor as a trigger to open the Smart Blind when you enter the room, or you can create a routine to open/close your Smart Blind at sunrise/sunset.
Note: A voice command "Alexa, turn on first blind." cannot be interrupted by a voice command "Alexa, turn off first blind." vice versa.
A voice command "Alexa, set first blind to 80%." can be interrupted by another voice command "Alexa, set first blind to 20%"

Pairing with Different Brands

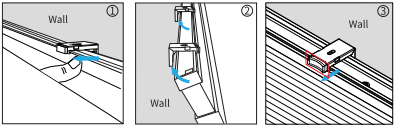
Pairing with Amazon Echo

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

Pairing Steps:

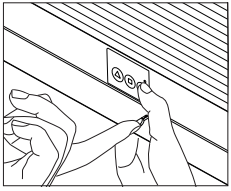
1. Long press the setting button of blinds for more than 5 seconds until the LED light flashes rapidly in red, indicating that the Smart Blind is in pairing mode.
2. Before pairing, make sure the Echo devices have been updated to the latest version, Then directly say "Alexa, discover my devices". Or 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 theblinds by voice and App.

3. 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 railwith the brackets, then push up the smart blind toget 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
Press the UP button and let the Smart Blind retract tothe highest position, now the Smart Blind returns to the original zero percent. Press the DOWN button to let the Smart Blind extend, stop the bottom rail at your desired position by pressing the setting/stop button. Now hold up the bottom sensor with your finger first, then press the DOWN button, after that release the DOWN button first, then release the bottom sensor, now you have set this position as the preset bottom position, the Smart Blind will stop at this position automatically next time when extending.
Note: Press and hold the DOWN button on the smart blind for 5 seconds to clear the currently set bottom position.



Scan this QR code with your mobile device to watch the instruction video on YouTube.

Local Using of Smart Blind Gen2

Optimum height:

The height of our Third Reality Smart Blind supports 72 inches at maximum.

Local Control:

You can use the remote or 3 control buttons on the bottom rail to control the Smart Blind.