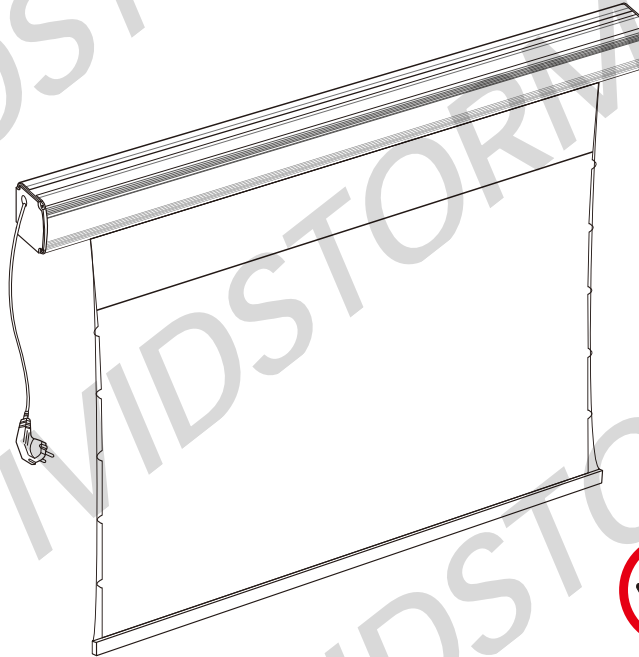# PRO Slimline Tab-Tension Screen UST ALR screen material

Do not touch the screen material

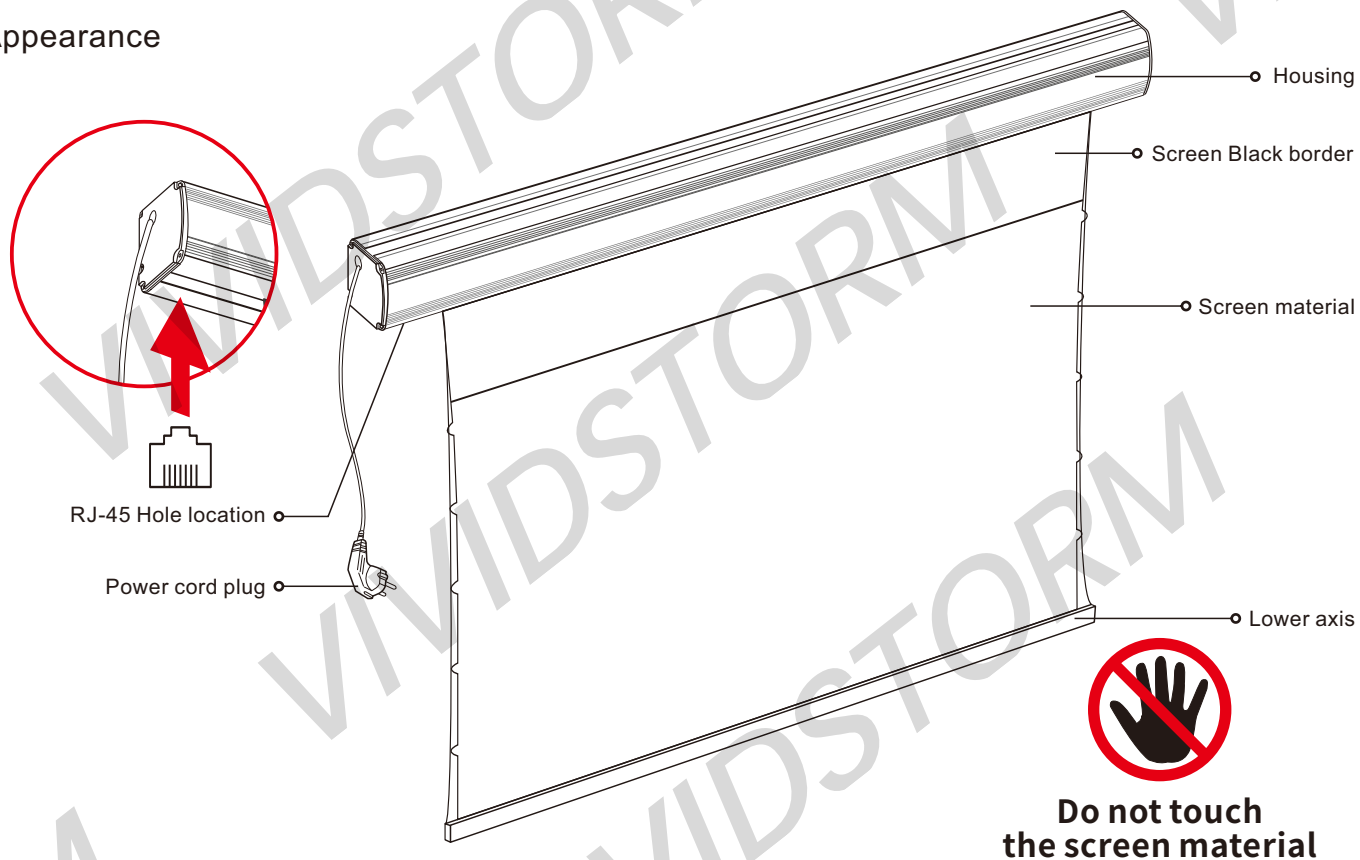**For Your Dream Picture**

Content

The Introduction of Product

Appearance

Housing

Screen Black border

Screen material

Lower axis

RJ-45 Hole location

Power cord plug

**Do not touch
the screen material**

2

Accessories list
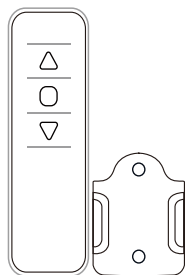
IR
remote control
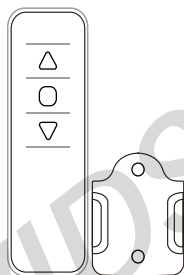
RF
remote control
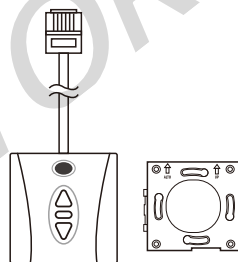
wired remote control with
IR sensor (with the wall bracket)
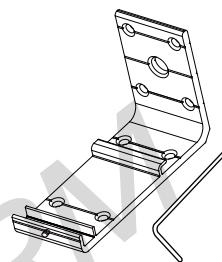
Wall / ceiling mounting bracket × 2
(with mini "L" type screw driver)
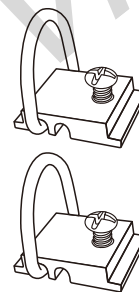
Hanger × 2
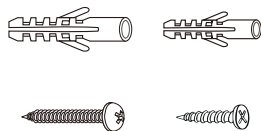
Screw × 8, small screw × 8,
hollow wall anchor × 8,
small hollow wall anchor × 8

Adjust Rod
(Hard and soft)

Screen
cleaning sticker

Special cleaning brush
for screen material

**The above two accessories are free gifts
and are not covered by the warranty.**

Important Safety Precautions

Please read all the contents of the user guide carefully and follow the operation steps below.

For reference when necessary, please keep this user guide.

1. In order to avoid damage to the equipment, please prohibit the use of any accessories not authorized by the manufacturer.

2. Be sure to handle the products carefully during transportation, so as to prevent product damage caused by collision.

3. In order to ensure the personal safety of the user and realize the reliable operation of the equipment, please make sure to use the power cord provided by the equipment to connect the power supply for charging.

4. Please place the device close to the power socket to connect the power supply for charging.

5. You need to place the product properly. Please do not place any heavy objects on the power cord and screen to avoid danger or operation obstacles.

6. In order to avoid electric shock, short circuit or fire caused by loose plug, please use the power cord correctly.

7. Since this product is equipped with a V-spring support system with strong tension, removing the screen without permission will bring certain risks. Please do not disassemble the screen by yourself. In case of machine failure caused by your improper operation, the seller and the manufacturer have the right not to be responsible for replace the product. In case of personal injury, no liability shall be assumed.

8. The tubular motor on the electric screen of this product has a temperature control sensor with overheating protection mechanism. If the screen runs up and down continuously for 3-4 minutes, the motor will stop automatically in order to prevent the motor from being damaged due to overheating. If the motor stops operation due to the start of overheat protection mechanism, please turn off the power and wait for 30 minutes to 2 hours until the motor cools down.

Matters Needing Attention

⚠ **Warning! If you do not strictly follow the prescribed precautions during use, this may lead to equipment damage and other unnecessary damage.**

⚠ **Please observe the family fire safety regulations; do not place the equipment near the fireplace or high temperature objects such as gas stove, barbecue or heater to avoid equipment damage.**

⚠ **Please keep this product out of the reach of children.**
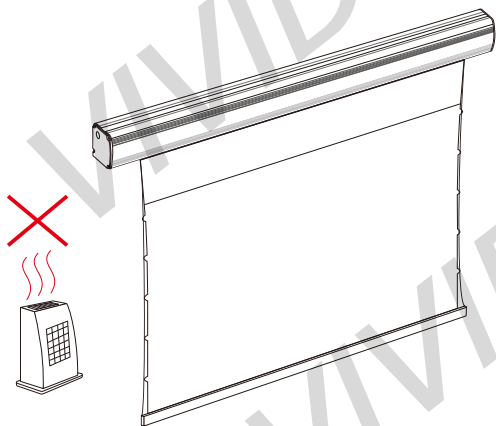
Do not place the equipment near the fireplace or high temperature objects such as gas stove, barbecue or heater

Keep children away from the product

**Do not put your hands into the cover of the product**

Precautions for Use

No one is allowed to open the inside of the equipment and repair the product without authorization, except for the authorized technicians.

1. Please make sure that the power supply connected to this product has stable current.
2. If you need to use the extension cord for this product, please make sure that the power cord rating of the extension cord is the same as that of this product, so as to avoid equipment damage due to overheating.
3. When your hands and feet are in contact with water, do not operate the power plug in this case.
4. When you encounter heavy rain, wind, thunder or lightning in the process of using this product, please be sure to disconnect the power line.
5. The curtain of this product should not be placed in direct sunlight, rain and humid environment.
6. In order to prevent the product from overheating, keep away from fire source and high temperature equipment when using this product. At the same time, the power supply of this product should be cut off before transportation or maintenance.
7. Like any other household appliances, when this product is not used for a long time, please completely disconnect the power supply to ensure safety.
8. If there is any obvious damage to any parts of the product, in order to avoid any injury and electric shock, please do not continue to use.
9. When installing in the residential and commercial buildings, users should provide reasonable protection for the products to prevent the radiated RF energy from interfering with the operation of the products. However, there is no guarantee that the product will not be disturbed in special installation.

Note: fixed parts to prevent screen swing are installed in the equipment cover. Please remove them before use and keep them properly for standby.

(1) There are two fixed parts in the housing to prevent the screen from swinging from side to side. Please unscrew the small screws at the back of the housing and remove the fixed parts.
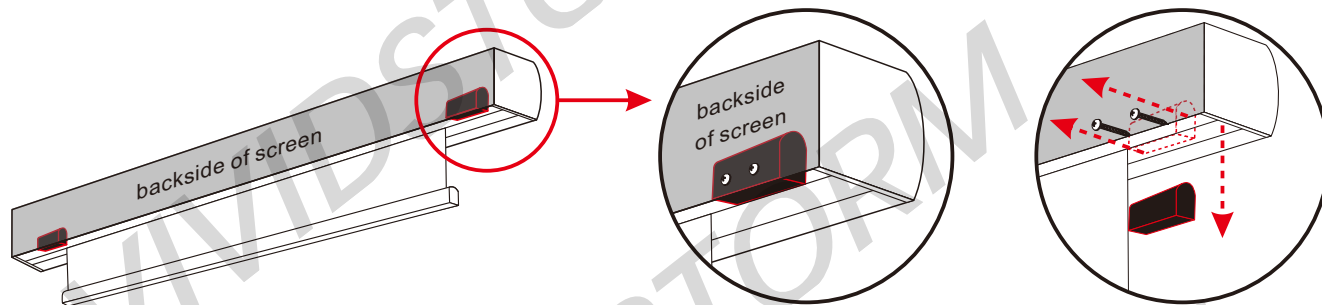
(2) The lower shaft is equipped with several fixed parts to prevent the screen from swinging back and forth. Please slide and remove the aluminum alloy fixing parts.
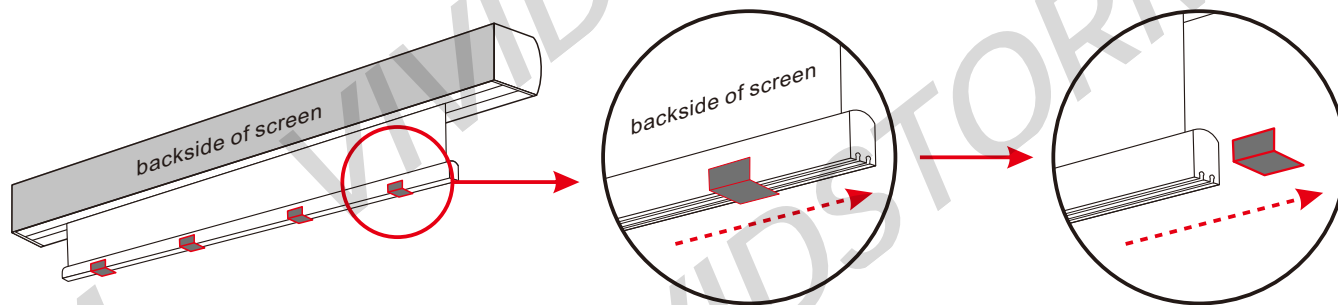
Matters Concerning Projection

Projected Area

1. Please project according to the actual projection size of the screen purchased when using the projector.
2. Since the position of black border has been preset on the screen of this product, please do not exceed the specified projected area during projection. You should note that the default black border is not the projection area.
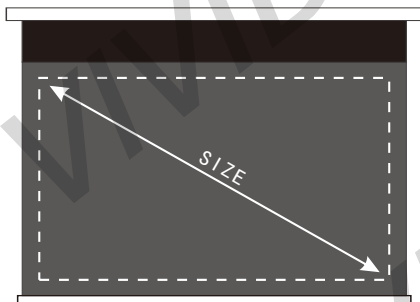
Brand-new product design:
Screen without black border, black border size has been preset
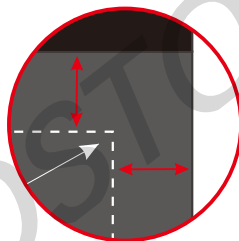
Black border has been preset
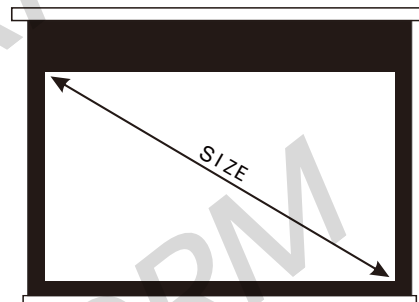
Classic product design:
Screen with black border

Screen and projector compatibility

Please note that the screen of this product is only suitable for use with Ultra short throw laser projector. If it is used with other projector，the effect of picture will be greatly reduced.

Ambient light can be absorbed

The projection content of the product can be well reflected to the viewer
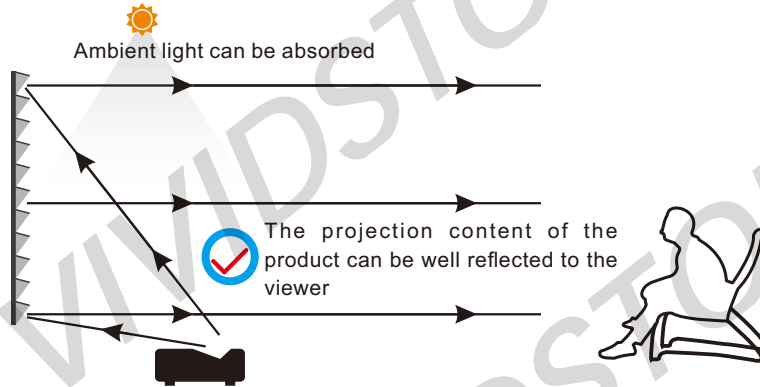
It is suggested that the ultra short focus laser projector throw ratio should be ≤ 0.4. (please consult the projection manufacturer for specific parameters)

Ambient light can be absorbed

If a part of the projected light is absorbed, the brightness of the image will be dimmed, Low contrast
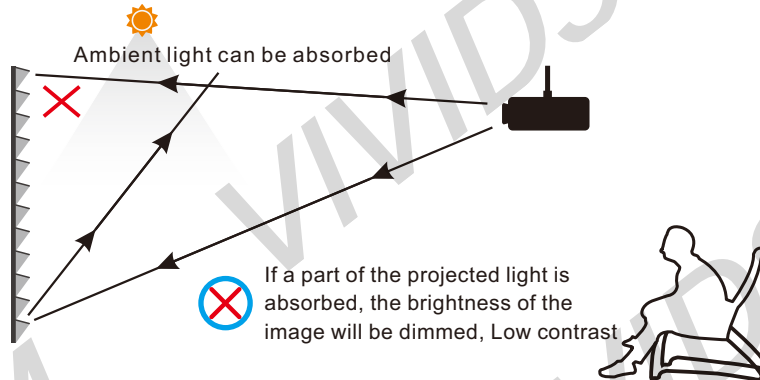
In view of the particularity of the screen structure of the product, projectors other than ultra short focus laser projectors are not compatible with this Screen fabric. If other projectors are used, the projection light may be absorbed or blocked by the Screen fabric.

About Screen Performance

1.Please note that when placing this product, please make sure that the product is always in a horizontal state. Do not place the screen in an inclined or vertical position.

2. If there are regular creases on the screen surface after the screen is opened, don't worry. This is a normal phenomenon. It is caused by the screen being curled and tightened for a long time, which does not affect the user's viewing. After opening the screen for a period of time, you will notice that the stripes on the screen will gradually disappear.

Please make sure the product is placed horizontally
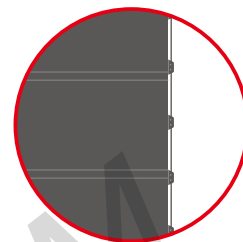
4. When there are a few black spots, white spots, stains and other impurities on the screen surface, but if they are qualified according to the detection method, then such situation is not a product quality problem, and it is within the scope of product qualification.

The ambient illumination of the central point is 500-600lx

The center of the screen

Horizontal line of sight

45°

screen

3m

Figure 1 side view

screen

1m

1m

3m
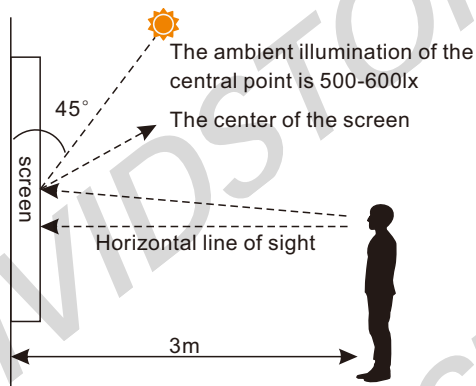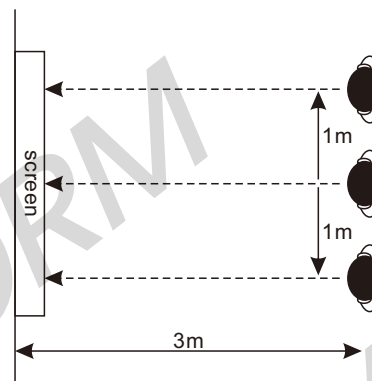
Figure 2 top view

The detection method is as follows:

(1). Please raise the screen of this product and close to the wall, and the observer can observe the film at a distance of 3 meters away from the screen;

(2). The observer needs to observe the shadow in the normal light environment (illumination 500-600lx);

(3). The distance between the observer and the front of the screen should be kept at a distance of 3 meters , and the center point of the screen should be close to or higher than the horizontal line of sight (as shown in Figure 1), and the observation should be made at the center point, 1 m to the left and 1 m to the right (as shown in Fig. 2).

As long as the test results of the product are within the allowable range, the product is qualified.

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For the black spot defect which can be measured in appearance, if it can not be found by visual inspection, the product is normal.

For the appearance of specific measurable white spot defects, if visual inspection can not be found, then the product is normal.

If the visible dirt is within the allowable range of defects, the product is normal.

For the faint linear printing trace, if within the allowable range of defects, the product is normal.

For the inks caused by uneven printing traces, if within the allowable range of defects, the product is normal.

(1). The white screen is listed as the quality standard because it is not only the reflection surface of the projector image (the black surface is observed from the upper and lower direction, and the white surface is observed from the bottom direction), but also the main function surface of the viewing image, so the white screen is listed as the quality standard. It should be noted that if the white screen surface does not exceed the quality specification, it will be regarded as meeting the factory qualification standard.

(2). Different from the white screen, the black screen is used as a functional surface to absorb indoor ambient light. In view of the fact that there is no direct correlation between the black screen surface and the image viewing quality, its quality specifications are quite different from that of the white surface. It should be noted that the slight black marks on the black screen surface are inevitable appearance phenomena in the production process of industrial products, which meet the factory qualification standard.

Conclusion: it should be noted that the slight black marks and white spots on the black screen surface of the anti light projection screen products are normal product appearance phenomena, which will never affect the image viewing quality. Please use it at ease.

Installation Warning

Since the installation environment of each user is different, the instructions in this user guide are only for reference. If you need further installation and safety suggestions, please consult the professional installation company. It should be noted that no matter what kind of installation method you take, the product should not be loosened or dropped due to vibration or tension, so as to keep the product stable. The installation personnel of the product must ensure that the bracket accessories used have sufficient strength to support the product and select the appropriate installation position.
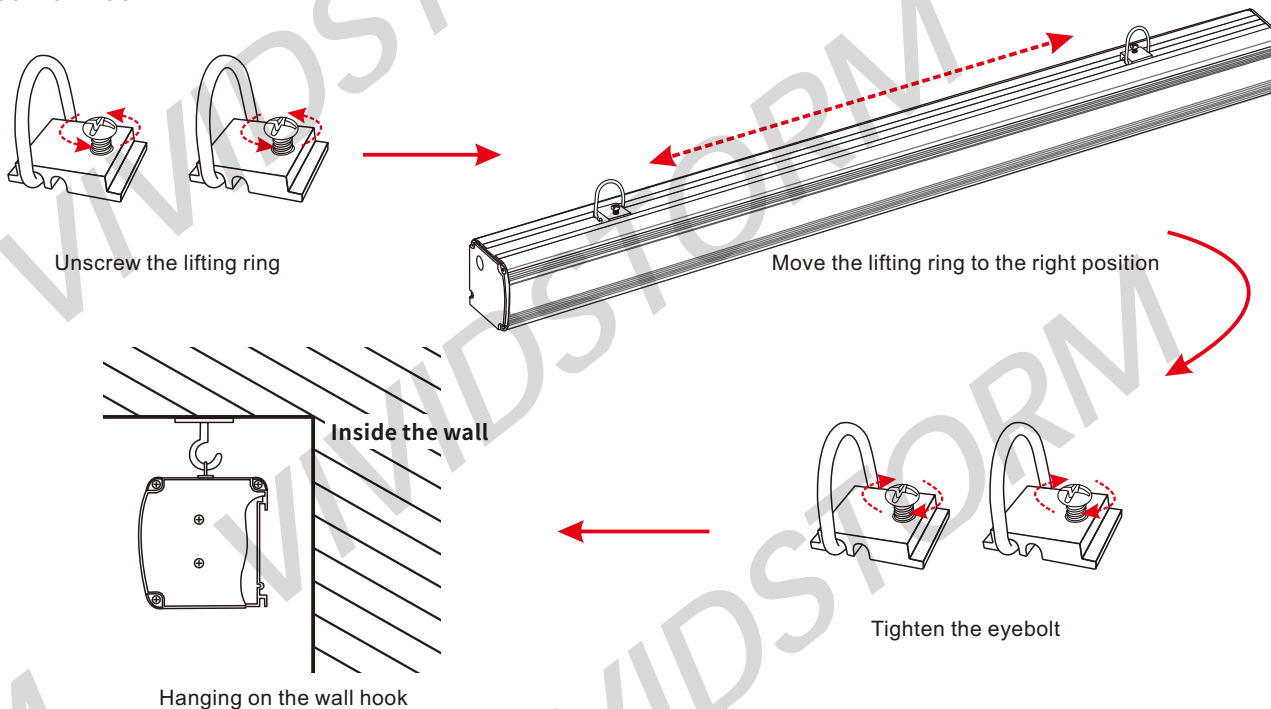
Before pre installation

1. When you open the package, please carefully open the screen package to avoid the product from rubbing or falling.
2. Please always place the screen in a horizontal position. Do not install the product on an uneven or inclined surface.
3. Please keep the screen away from dust, sawdust and liquid to protect the screen from contamination.

Hardware Parts List

Before you install the product, make sure that all parts of the product are included. Please note that the wall screws supplied with this product may not be suitable for all mounting surfaces. Please consult the professional installation personnel or hardware store to get the correct installation screws and anchors.

Hanging installation

1. The lifting ring of the equipment has been installed into the slide rail and fixed when leaving the factory.

2. To adjust the position of the lifting ring, loosen the screw on the ring slightly.

3. After adjusting the position of the lifting ring, please tighten the screw, and then hang the equipment on the fixed wall hook.

Unscrew the lifting ring

Move the lifting ring to the right position

Inside the wall

Tighten the eyebolt

Hanging on the wall hook

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**Note:**

**- The fixed distance of the two hanger should be left and right in the middle of the cover, not too close to the middle or side;**

- The screen hanging from the ceiling should be flat.

Put the hanger on the hook. For high ceiling installation, chain or steel cable can be used (additional hanging parts need to be purchased)
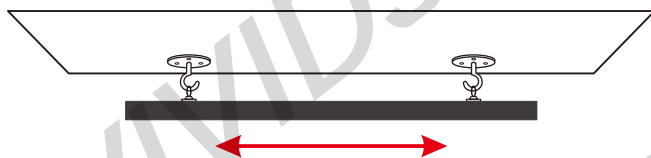

Note: please make sure the equipment is installed horizontally and do not tilt it.
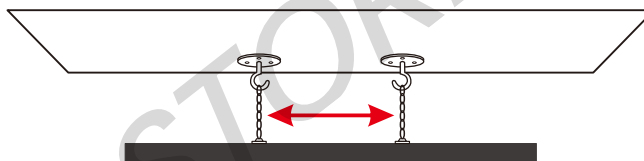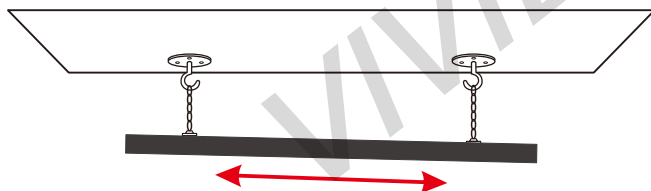
Wall / ceiling installation

1. Determine the installation position of the equipment, measure and mark the distance between the top and bottom screw holes of each bracket, and whether the distance between the two hanger is appropriate, and ensure that they are on the same horizontal line.

2. Then, drill a hole of suitable size at all marked points and install the bracket on the wall with screws.

More than two people are required to complete the following steps

Inside the wall

outside of a wall

Wall installation

Inside the wall

outside of a wall

Ceiling installation
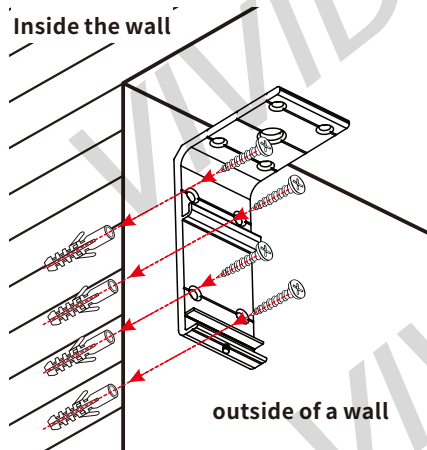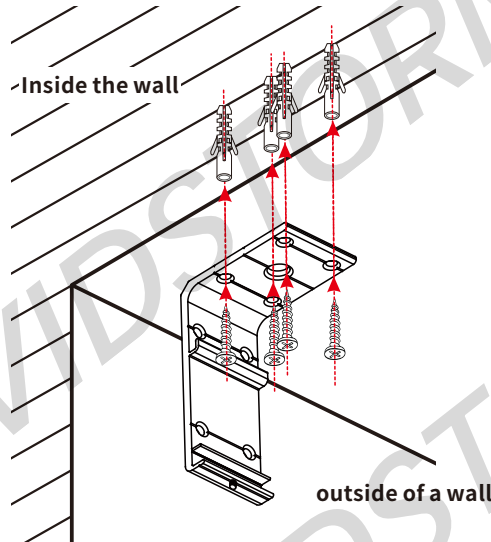
Wall installation

Ceiling installation

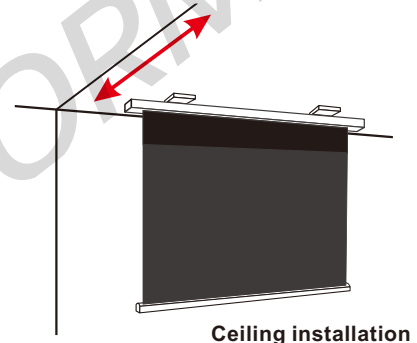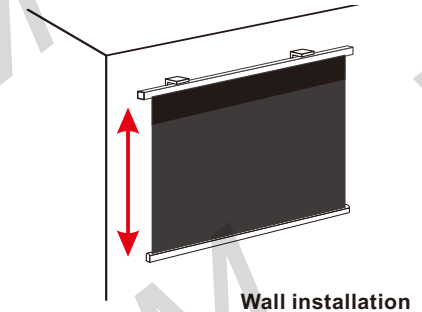**3. Lift the screen upward to make it level with the bracket, clip the screen into the bracket slot and push it until a "click" sound is heard to ensure that the screen is firm.**

Inside the wall

outside of a wall

Inside the wall

outside of a wall

Wall installation
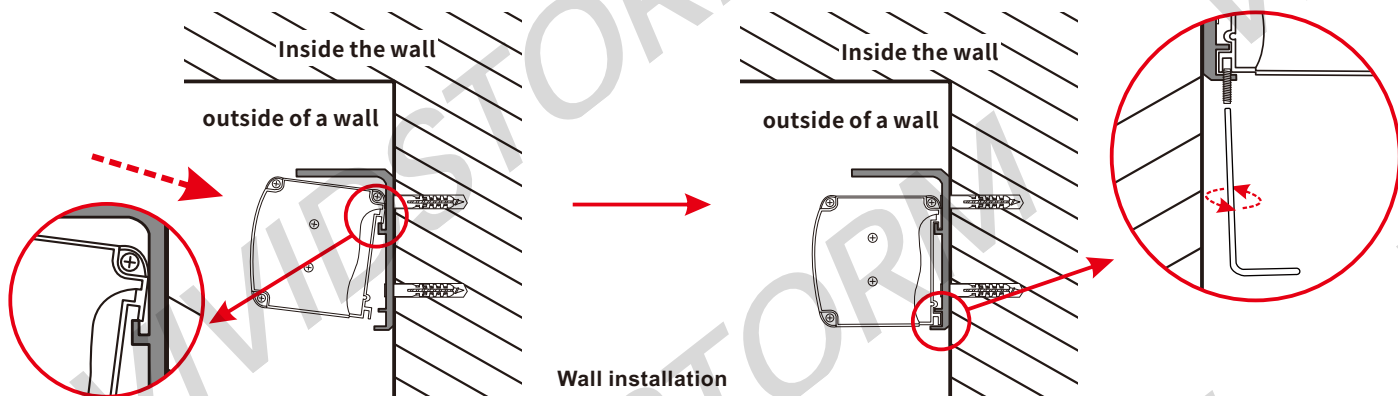
4. After the equipment is stuck in the bracket, please use the mini "L" type screw driver to tighten the screw to fix the housing and the bracket.

Inside the wall

Inside the wall

outside of a wall

outside of a wall

Ceiling installation
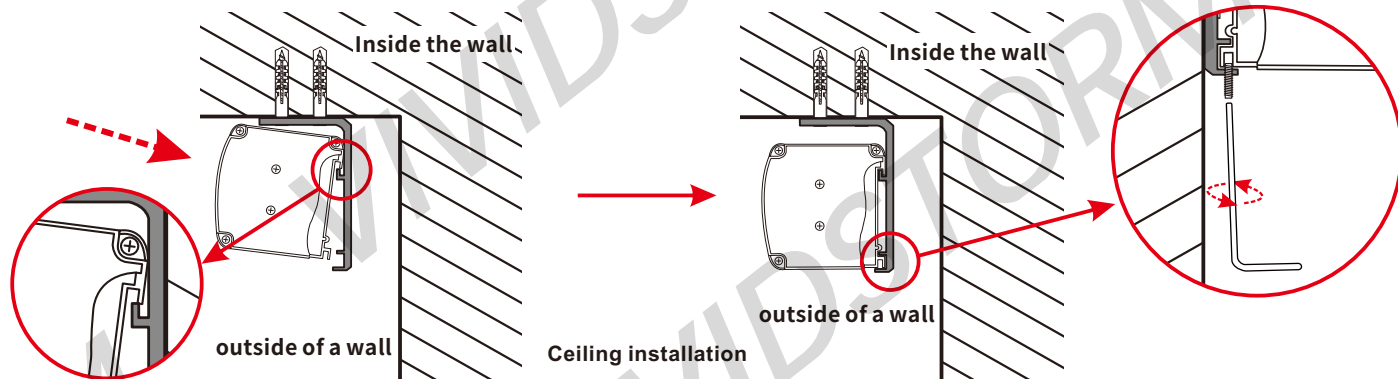
Screen maintenance

Cleaning requirements:

1. In general, please use a soft brush to clean the screen surface. Remember to use a special soft brush and gently brush away the impurities along the screen grain direction.
2. Do not use any cloth (coarse cloth, soft cloth, gauze, wet cloth) to wipe the screen surface.
3. Rough towel or cloth may damage the screen surface and affect the viewing effect.
4. There is a horizontal structure on the screen surface, so please brush away the impurities along the left and right direction of the grain when cleaning the screen; do not wipe it up and down or round the screen.
5. The backside surface of the curtain can be wiped with cloth, but it should be ensured that the screen is dry before closing the screen, because the surface of the curtain is not waterproof.

Warning!

- Do not scribble on the screen.
- Do not touch the screen directly by hand.
- Do not touch the screen with hard or sharp objects.
- Do not clean the screen persistently or vigorously, so as to avoid screen scratch.
- Be sure to turn off the screen when you are not using the product.
- This product is not waterproof, only suitable for indoor use, not recommended for outdoor use.
- Avoid sharp objects directly contacting the screen surface, so as to avoid puncturing or scratching the screen surface.
- Do not use acetone, benzene, alcohol and other organic solvents to clean the screen, which will cause permanent damage to the screen.
- Do not run the screen up and down for more than 3 minutes, otherwise the screen will stop running. This is the phenomenon of motor overheating protection shutdown. Please wait 20-30 minutes for the motor to cool down before continuing operation.
- To avoid possible injury, do not attempt to remove the screen. If there are obvious damaged parts, please contact your authorized dealer.
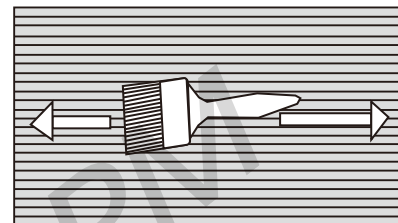
Screen Running

Voltage information: make sure your screen is working at the **correct voltage**, depending on the area.
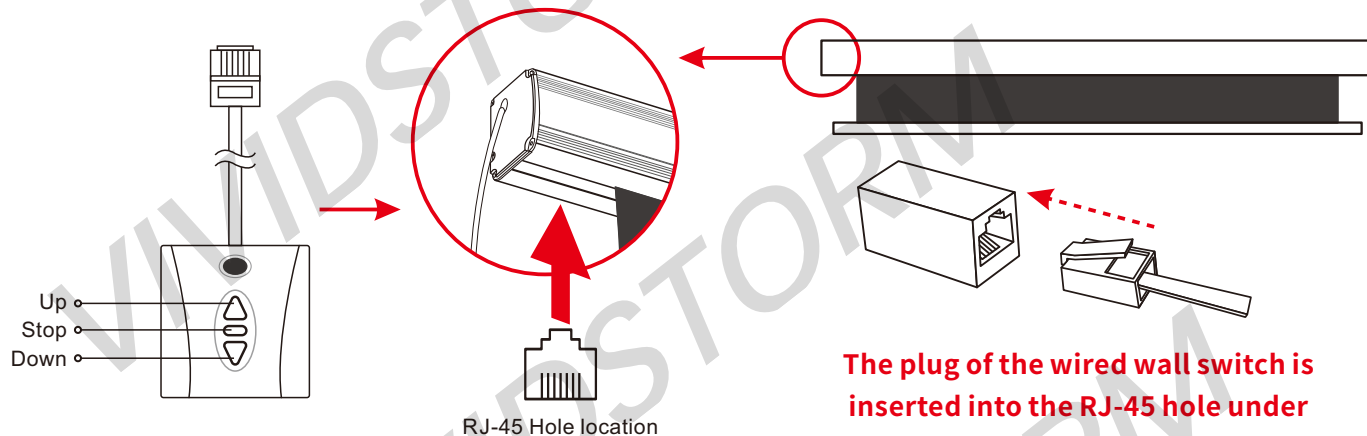
(Using the wrong voltage may cause the screen to become inoperable)

(1) Plug the screen power cord into the correct power outlet.

(2) When the product power is turned on, a "beep" sound will be emitted for 1.5 seconds, indicating that the product has been powered on.

(3) When the screen is fully raised, you can choose to turn off the power switch and unplug the power cord due to long-term viewing. At this time, the screen will remain open and will not be closed due to power off. To turn off the screen, connect the power cord and turn on the switch to resume operation.

(4) When the left power switch is powered on, you can use any of the methods described below to run the screen.

 Note: When the screen is turned on, ensure that there is no obstacle and enough space at the bottom of the screen to avoid equipment failure.

1.Manual Switch

The wired wall switch is a wall-type remote control with "up/stop/down" buttons, directly plugged into the RJ-45 input interface of the screen to use.

Up
Stop
Down

RJ-45 Hole location

The plug of the wired wall switch is inserted into the RJ-45 hole under the left side of the enclosure.

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- If necessary, the wall switch with infrared receiver head can be installed on the wall;
- First, find the appropriate position on the wall and drill holes, then fix the fixed bracket on the wall, and finally fix the wired wall switch on the bracket, and connect the RJ-45 connector;
- In addition to fixing the switch bracket with wall screws, try to fix the switch bracket with double-sided adhesive tape. (bracket can be found on the back of the switch)

Inside the wall

Inside the wall

Outside of a wall

Outside of a wall

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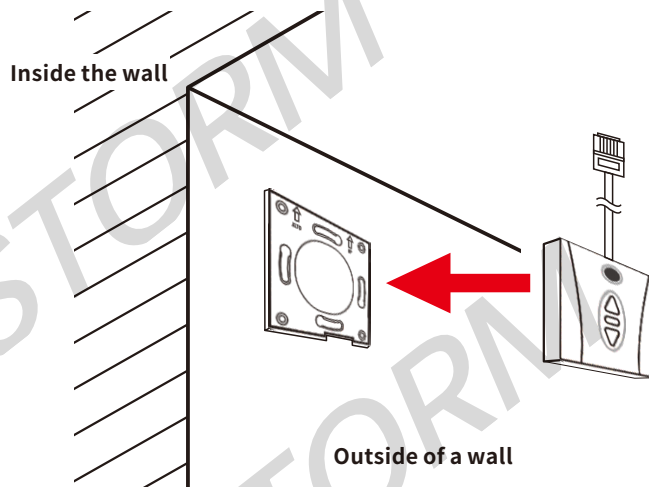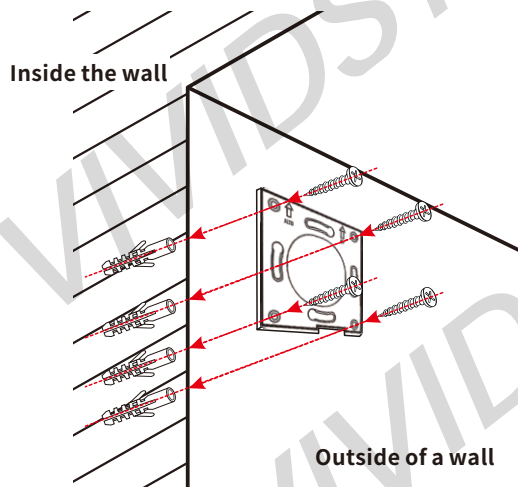
2.Remote control——RF remote control / IR remote control

(1) Wireless RF remote control: when the screen is hidden and installed in the slot or requires remote control, wireless remote control can be used. It can control the screen without aiming at the IR receiver.

(2) IR remote control needs to be connected with the IR receiver. When using IR remote control, make sure that the power switch is turned on and aligned with the IR receiver head, so that the IR remote control can operate normally.

Up

Stop

Down

When using, please aim
at the IR receiver

Front of remote control

Perspective view of infrared
remote control

Infrared receiver switch
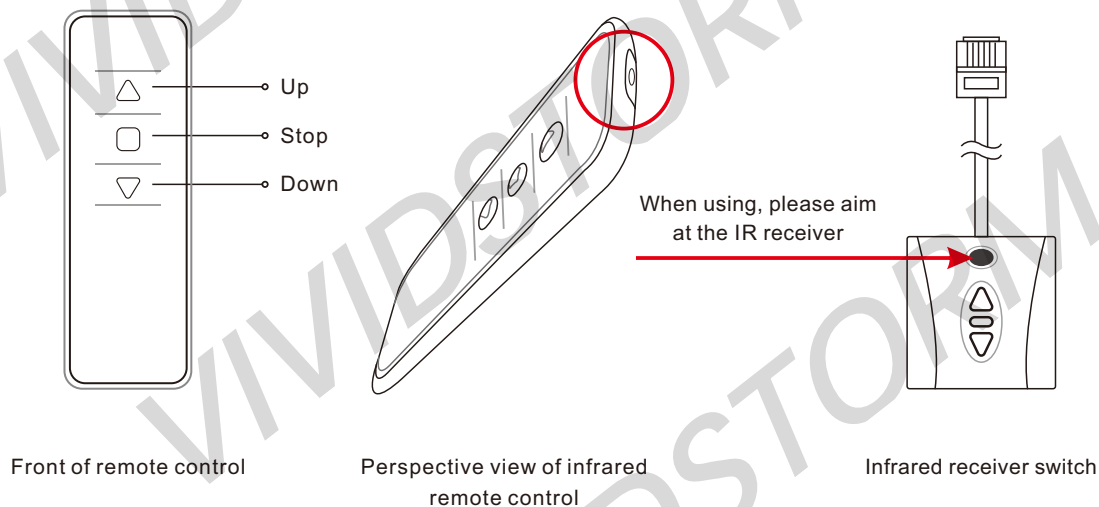
For convenient access, the remote controller can be fixed on the wall surface and other planes through the bracket.（wall screw or double-sided adhesive tape can be used for fixation）

Inside the wall

outside of a wall
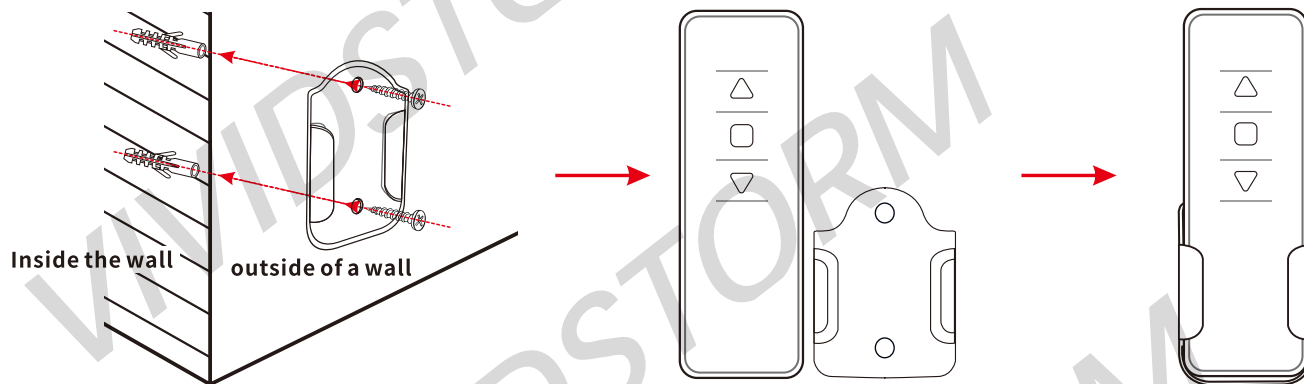
When the remote control needs charging, as shown in the figure below, unscrew the cover of the remote control with a small screw, then replace the new button battery, close the cover of the remote control, and tighten the screw to prevent the loose battery from falling off;

Push up

Take out the battery

load the battery

CR2032
+
3V

front up side

bottom

Please place the battery face up and push it in completely.

Push down

When the back cover is closed, please jam the slot and push it down.
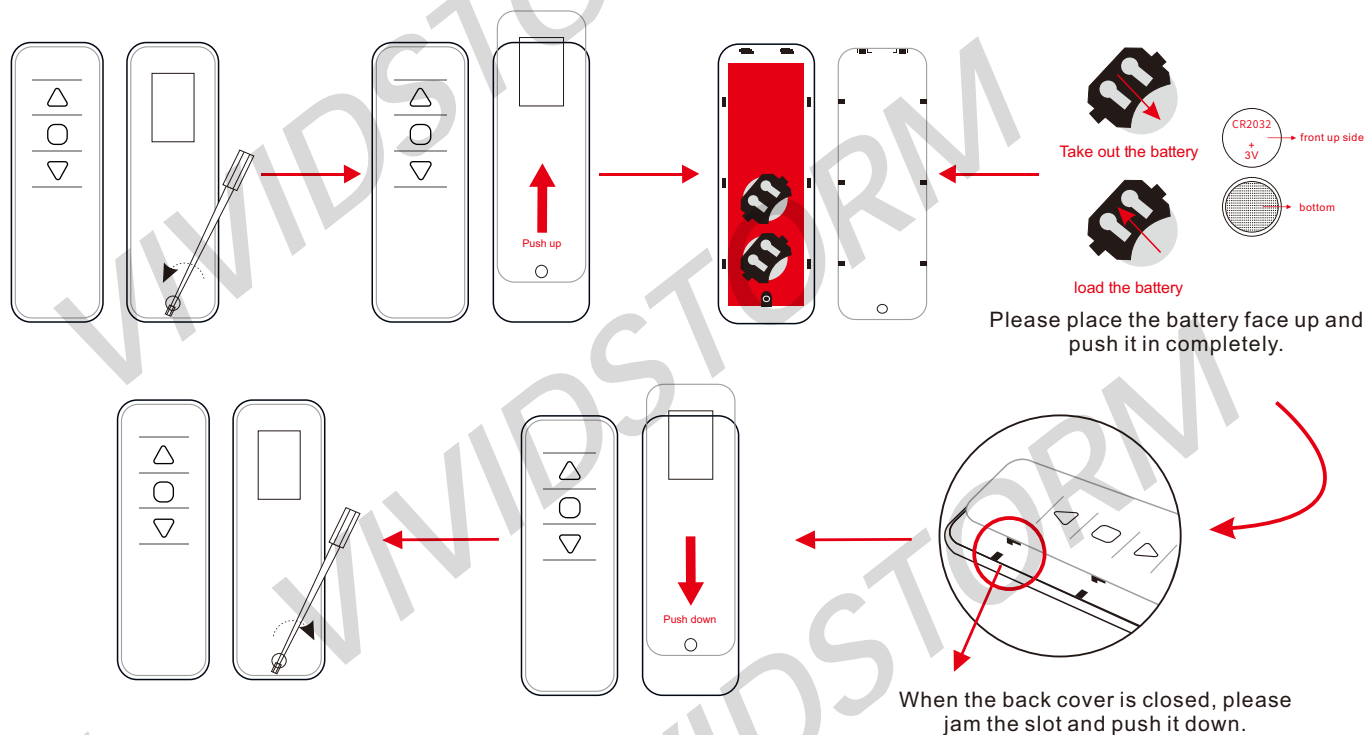
Screen hight limit setting

Black border up
(The lowest position of the screen has been set at the factory, no lower height can be adjusted)

If the screen is too low, follow the steps below to fix the screen to the desired position.
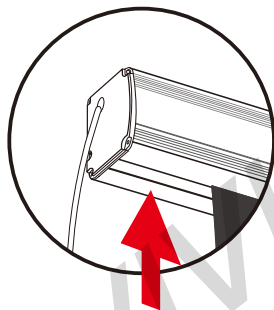
1. Please make sure the product is powered on.

2. As shown in the figure, stand at the bottom of the screen, look inside the housing, and find the white adjusting hole under the motor with the help of light source.

3. Insert the debugging rod into the white adjusting hole in the housing, and then slowly rotate it clockwise for several turns (rotate one circle and adjust the screen height about 2cm). After each rotation, press the "up" switch, and then press the "down" switch. The screen drops to the appropriate position, and finally the screen will stop at a higher position than the factory setting. Please check whether the height is appropriate.

If you can't find the hole location,You can stand at the bottom of the screen with the help of light source to find the hole position.

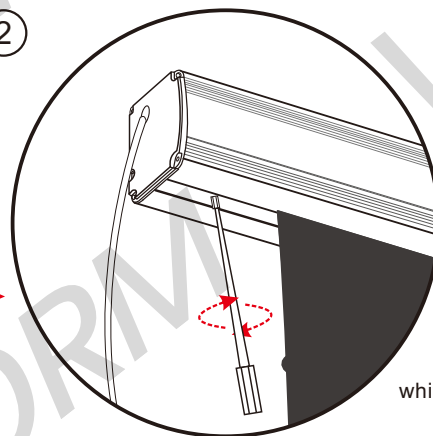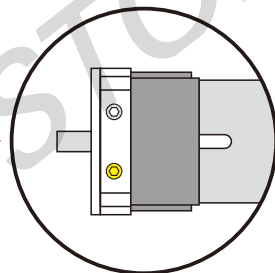If the height is still very low, please repeat the above operation to adjust to the appropriate position.

(Please refer to the legend on the right)

① Stand at the bottom of the screen with the help of light source to find the hole position.
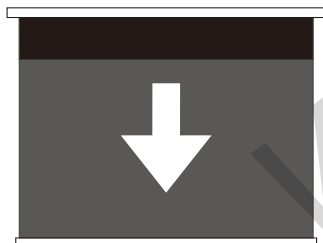
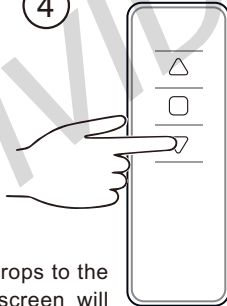**②** Insert the debugging rod into the white adjusting hole in the housing, and then slowly rotate it clockwise for several turns (rotate one circle and adjust the screen height about 2cm)
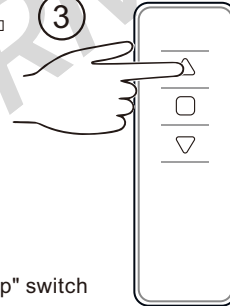
white adjusting hole

④ Press the "down" switch. The screen drops to the appropriate position, and finally the screen will stop at a higher position than the factory setting.

③ Press the "up" switch

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Black border down（Only applicable after the black border is adjusted too high）

If the height adjustment of the black border of the screen is too high, please follow the following steps:

(please note: it is not allowed to carry out this step directly without adjusting too high)

(1) Please press the "Down" button on the remote control, and the screen will drop to the lowest point.

(2) Insert the adjusting rod into the motor adjusting hole on the lower left side of the housing, and then rotate it several times in a counter clockwise direction(rotate one circle and adjust the screen height about 2cm). Then press the "Down" key, the screen will drop to the adjusted height and stop operation. Please pay attention to control the height, do not exceed the original lowest point, do not rotate too much, otherwise the screen will reverse and cause screen damage.(Please refer to the legend on the right)

If the adjustment is too low, please repeat the previous steps to adjust to the appropriate position.
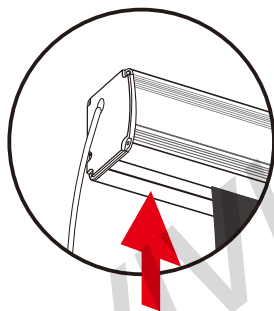
Notice:

The screen has been set to the lowest position when leaving the factory, no lower height can be adjusted.

Do not adjust too low or too high at one time. We suggest that you adjust the screen a little bit.

①

Stand at the bottom of the screen with the help of light source to find the hole position

②
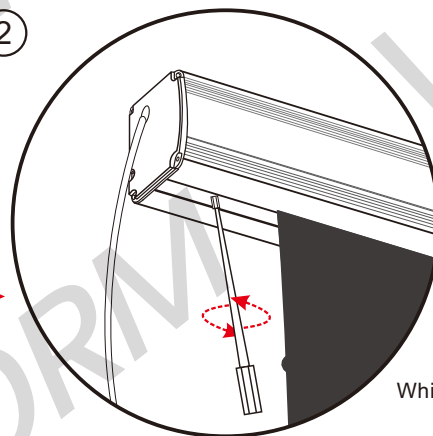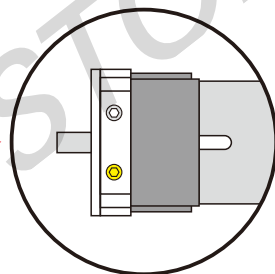
White adjusting hole

Insert the debugging rod into the white adjusting hole of the shell, and then rotate it slowly for several turns counterclockwise (rotate one circle to adjust the screen height about 2cm)

Adjusting the black edge lower is only applicable when the black edge is adjusted too high!

③

Press the "down" switch, and stop the operation by lowering the screen to the lowest height

Manufacturer's warranty

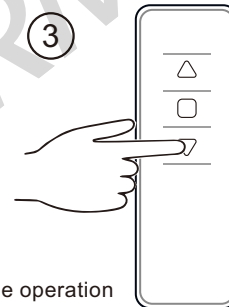1.VIVIDSTORM products have a 2-year warranty. During the warranty period, in case of any problems caused by the product itself or the product defects caused by the design, Please contact the after-sales service to inform the situation.

During the warranty period, if the product fails to work normally due to user negligence (not product material or design defects, etc.), not eligible for a warranty, for serious damage to the product should charge that fee according to the product damage.

After the warranty period expires, all repairs or replacements are charges the fee, and users will get a quote for the repair fee. Only after the user agrees and accepts the maintenance cost can the maintenance service be started.

2.Within one week after the user receives the product, if there are obvious serious defects in the product, the user shall provide video or photo proof, and provide the corresponding certificate and warranty card to our after-sales service personnel. After confirmation, the user can return the product and reship a new product. The user needs to ensure that the returned product is in good condition kept in their original status., free from any physical damage and that the packaging is complete. We will handle the returned or exchanged products within 7 days (excluding public holidays).

3.The motors in all products sold by our company enjoy a five-year warranty. It is necessary to ensure that the motor is complete and has not been tampered with.

4.The company provides corresponding after-sales technical support services for the products sold, and guarantees customer service response within 24 hours. (except holidays)

5.Within one week after the customer receives the product, due to the special packaging size of the product, it is recommended to save the carton in order to solve the packaging problem of return and replacement.

6.It should be noted that the product damage caused by the following factors not caused by the company, the damage caused by other human factors and natural disasters are not included in the warranty scope of the company:

 The product is damaged due to incorrect installation of the product;

(1) Product voltage mismatch;

(2) The user does not operate according to the product manual, resulting in improper use and product damage;

(3) Repair or modify the product without authorization of the company;

(4) Failure to provide proper working environment;

(5) Product damage caused by user's secondary transportation;

(6) This product is damaged in natural disasters and accidents. Natural disasters and accidents include flood, fire and human factors. The above guarantee has the same legal effect for each user. Due to the change of country or region, other rights may only apply to specific customers.

Certificate

Product Name: _____   Product Model No : _____

Factory serial No: _____   Inspector: _____

Date of production: _____

　　The product has been tested and inspected after operation, and all the tests and inspections have been in accordance with the technical requirements, and its quality meets the specified requirements. Only after passing the inspection can they be allowed to leave the factory.

Product Warranty Card

User information   Customer retention sheet

Customer name： _____   Customer telephone： _____

Postcode： _____   Customer's address： _____

E-Mail： _____   Purchasing channels： _____

Purchase date： _____   Date of production： _____

Invoice number ： _____   Warranty content： _____

Customer signature： _____   After sale： _____

Date: _____   □ Satisfied　□ or not satisfied

Official website of the company：http：//www. vividstormscreens. com
Consultation email：vividstormscreen@gmail.com

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