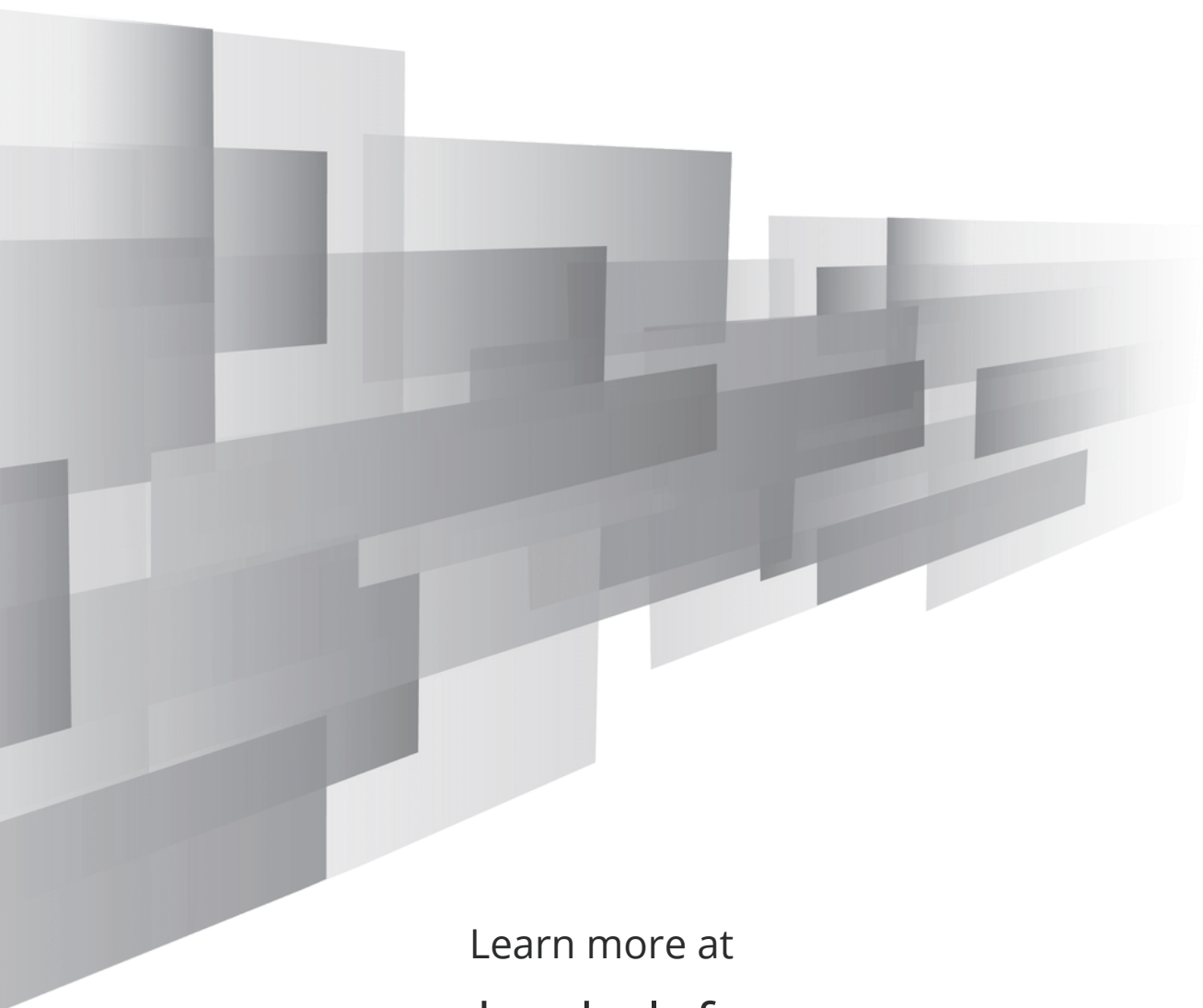
65HDU

INSTRUCTION MANUAL

A 3D hologram fan by



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www.dseeholofan.com

Do not dismantle the device, plug in or take out the TF card without permission!

Security Warning

1. Do not touch the high speed running LED blades while operating. Before the device is running, the LED Blades will turn white and flash six times, and then start.

2. Please fix the device properly before connecting to the power supply. And it should be kept away from the crowd when in use, and related protective measures should be set up to prevent harm to the human body.

3. The optical fiber used to connect the device is vulnerable. Do not bend forcibly when wiring. The optical fiber will be damaged after excessive force, causing the device to fail to display.

Attention:

Please read this instruction manual very carefully before using the devices. The users undertake all the personal injuries or property losses caused by not following this instruction manual when operating the devices.

DSEE HoloFan reserves the right to revise and explain this instruction manual. This instruction manual may be revised without further notice.

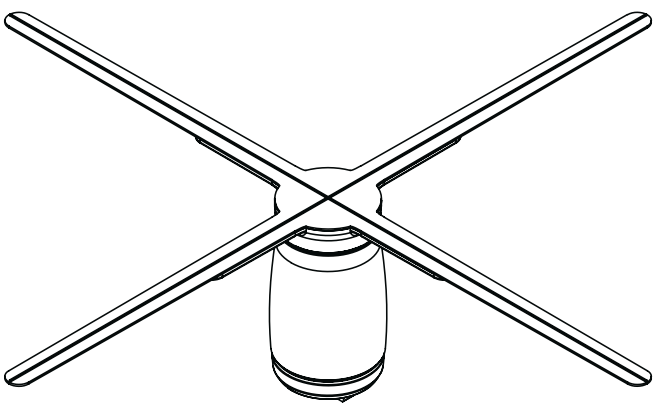
Device Specifications	
Size	65cm
Number of LED blades	4
Number of LEDs per blade	256
Resolution	1024*1024
Brightness	1500cd/m2
Input voltage	24V
Rated power (MAX)	70W
Rotating speed	750RPM
Video Input / Output	LC Fiber interface
Video input resolution	1920*1080 60fps

Item List	
Item	Quantity
DSEE 65HDU	1
LC fiber (1 meter)	1
Wall mount fixture	1
Warranty Card	1
Certificate of conformity	1

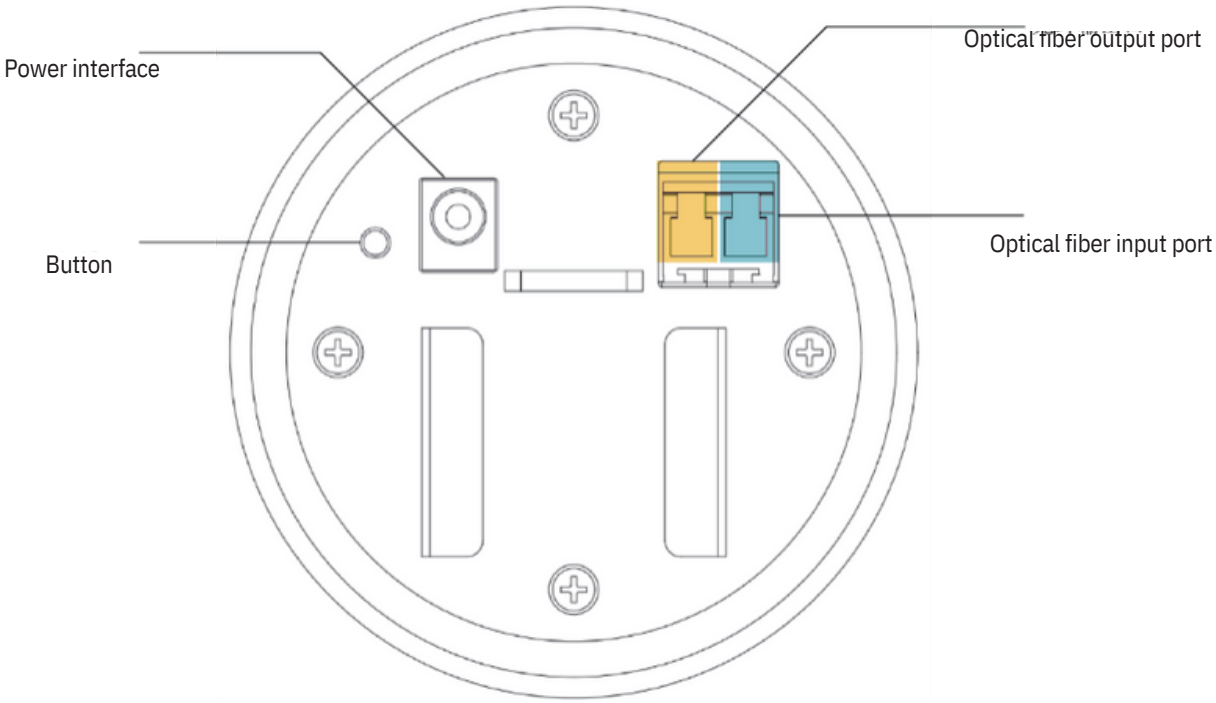
Product Description

DSEE 65HDU is a real-time display rotating display device designed specifically for mirrored screens (similar to a monitor). It is a display device that uses human persistence of vision (POV) technology and uses ultra-high-density LED lights to rotate imaging to present 3D visual effects. This product uses optical fiber to transmit video signals, and multiple products can be combined to display the same video source through cascading. In the use of mirrored screens, each device will automatically adjust the speed to keep in sync with the neighboring devices, so as to avoid the shadow caused by the intersection of the LED blade. This product needs to be used in conjunction with a dedicated HD union screen control box (one standard for each set of control boxes). The HD mirrored screen control box converts the HDMI video signal into an optical signal, which is distributed and transmitted to the device through optical fiber.

Product view



DSEE 65HDU



1. Power interface: Connect to a power adapter to supply power to the device.
2. Button: reset.
3. Optical fiber output port: access to LC fiber, connect to the fiber input port of the next device when cascading.
4. Optical fiber input port: access LC fiber, connect to the previous device or the fiber output port of HD union screen control box when cascading.
5. Indicator ring (located on the side of the device): Indicates the status of the device.

Indicator light description

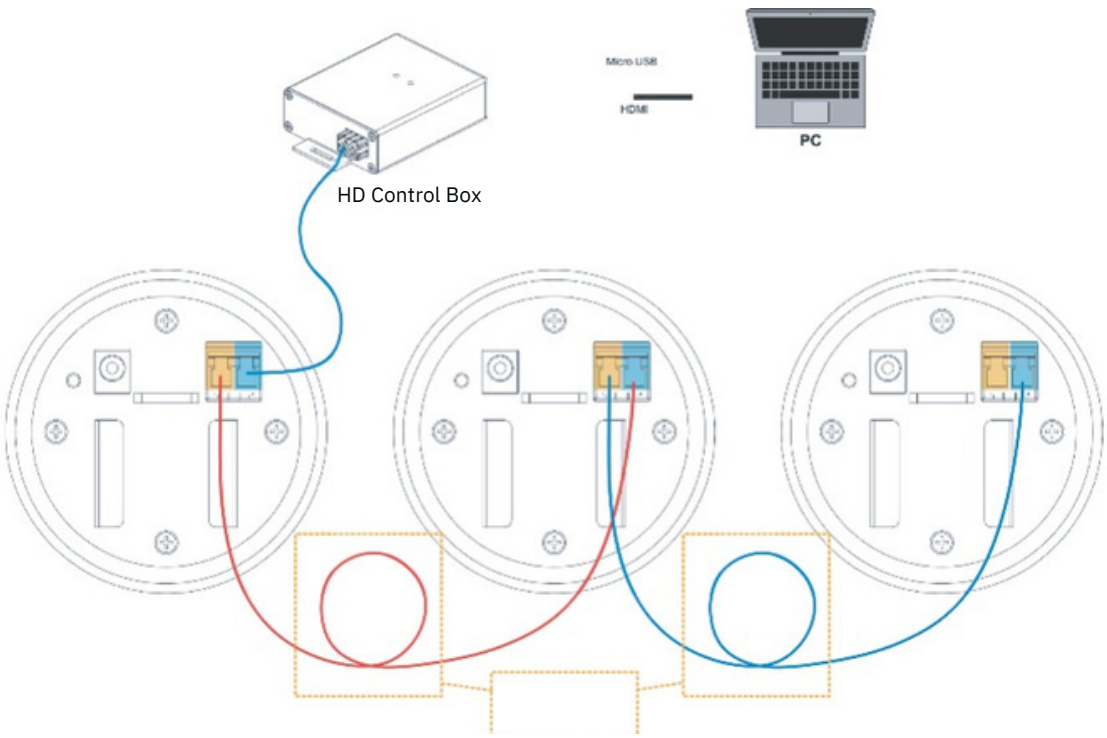
HDU device indicator

Device light ring indicator color		Working status
Normal	Red light is always on	Device is in standby
	Red light Flashing	The motor is about to start
	Green light is always on	Running
Updating	Pink light is always on	Updating
	Lights off	Update is over
	Blue light is always on	Update failed, enter initial mode

HD control box indicator

Control box indicator light color		Working status
Normal	Blue light is always on	The remote control is waiting for pairing
	Green light is always on	The pairing is successful and works normally
Updating	Cyan-Blue light is always on	Updating
	Green light is always on	Update is over
	Blue light is always on	Update failed, enter initial mod

The back of the device contains two optical fiber interfaces, one for output and the other for input. When connecting, you only need to connect the equipment that needs to be screened in series with the corresponding input and output ports through optical fiber. The initial device needs to connect the input port of the device with the output port of the HD union screen control box with optical fiber to obtain the video source signal from the control box.



Note: The optical fiber must not be folded, it needs to be routed in a circle

Instructions for use

- Connect HDMI cable

Connect the HDMI cable to the corresponding interface of the HD union screen controller, and then connect the other end of the cable to the computer.

- Connect the fiber

Connect one end of the optical fiber to the input end of the device in sequence, and connect the other end of the optical fiber to the output end of another device or HD controller.

- Connect the USB cable

Use the micro USB cable to connect the HD union screen controller to the computer.

- Turn on/off device

Complete the configuration in the control software of the computer, and then click Start, all the devices cascaded in the current union screen system will start at the same time and rotate to display the corresponding screen.

- Connect the power supply

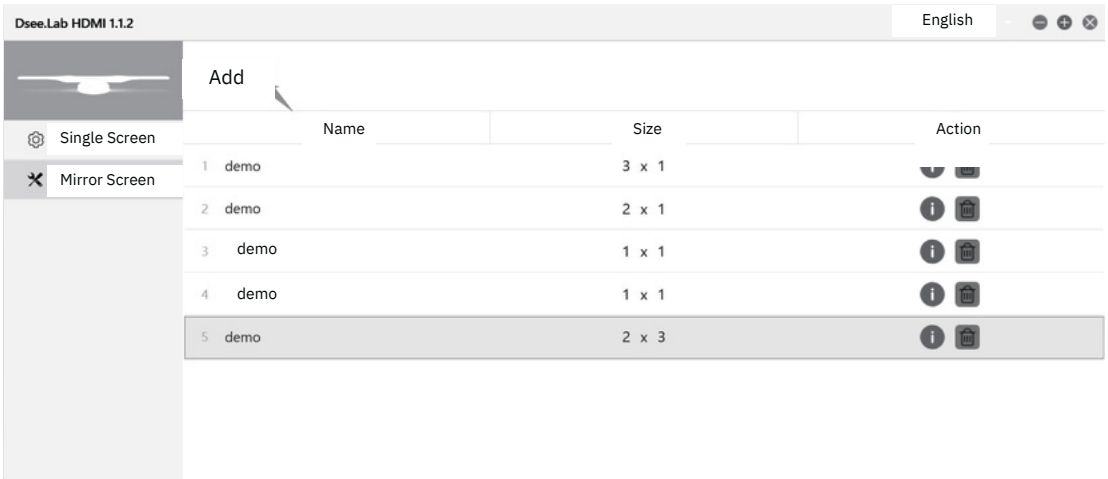
Take out the power adapter, connect to the power interface and power on, the indicator ring at the bottom of the device is steady red.

- Remote control matching and control

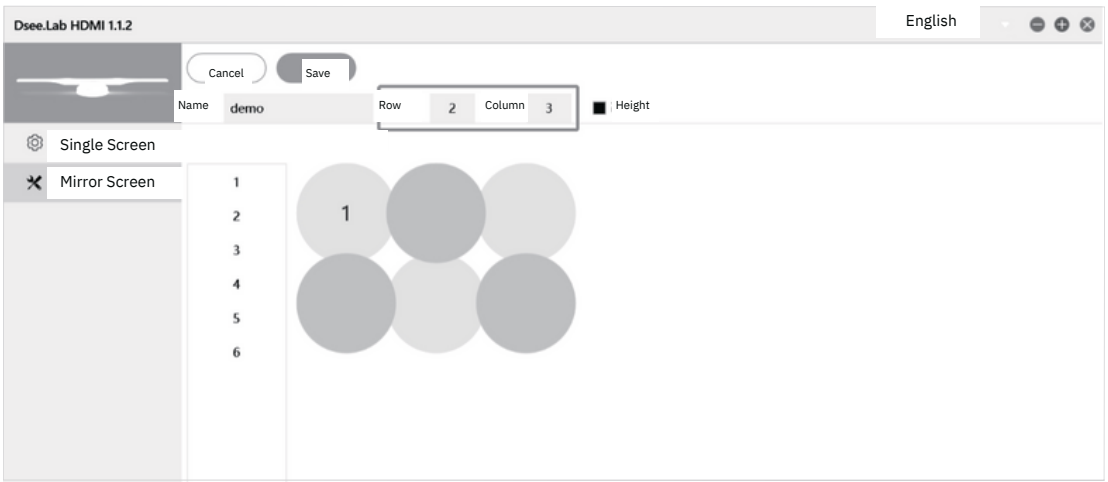
The remote control cannot match a single HDU device. It only matches the HD combined screen control box, and directly controls the entire combined screen display through the HD combined screen control box. When pairing, first short press the PAIR button of the HD union screen control box, the PAIR indicator changes from green to blue flashing, short press the 100% button in the brightness adjustment area on the remote control, and the indicator changes from blue flashing to green. The pairing is successful.

1.Set the cascading sequence of the screens

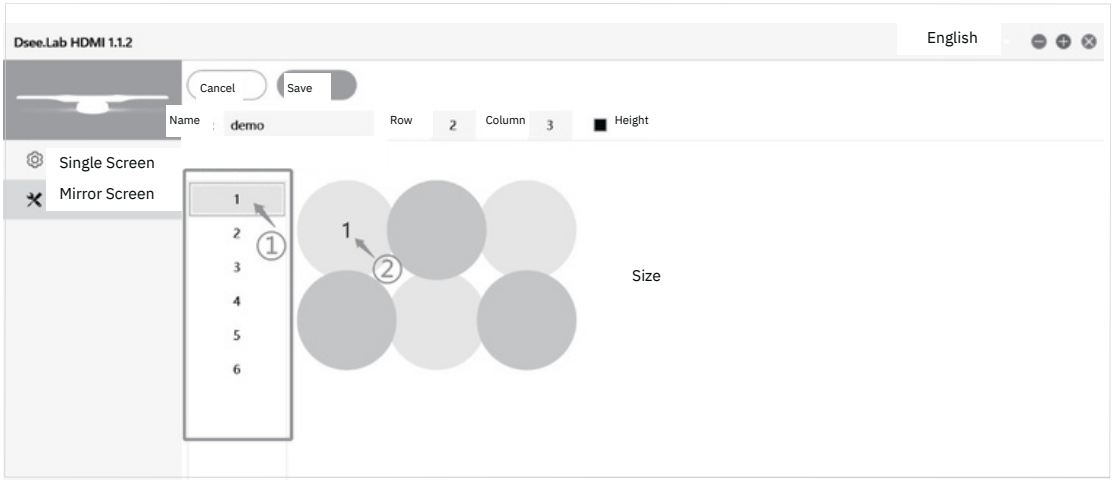
Click the "Add" button on the main interface of the software, and then enter the initial setting interface of the union screen. According to the actual combination of the screen, set the number of rows and columns of the screen. In this step, you can name the union screen configuration, and you can directly replace the text of demo in the name column on the left:



Then, set the device number according to the order of fiber connection. The first device connected to the HD control box is 1, and it is added up accordingly. The numbering method is: select the number from the red box on the left side of the figure below, and then click the corresponding circle in the preview image on the right to name the circle at that position. Note that clicking the left mouse button here is selected, right click on the preview image on the right to clear the corresponding serial number.

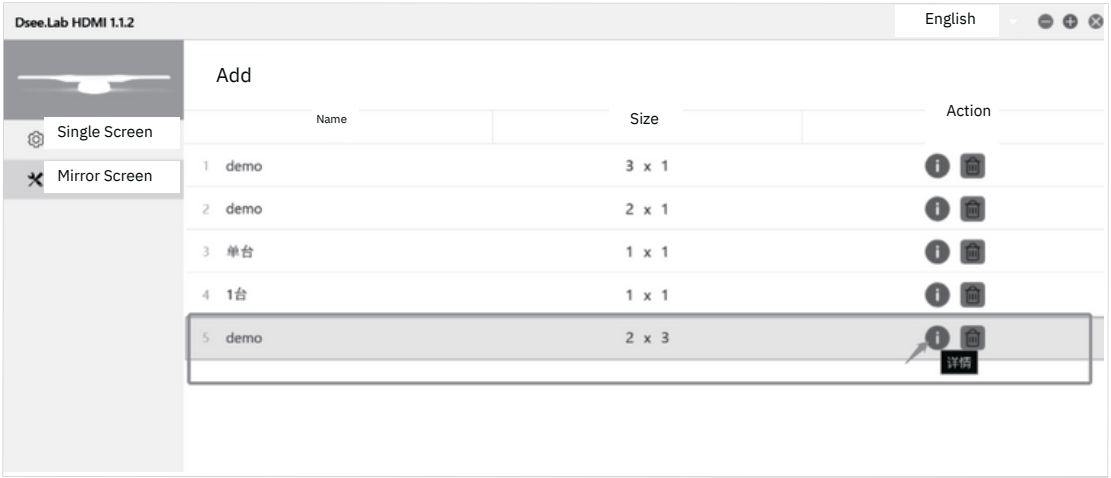


The "height" button next to the row and column is used to switch the stacking order of devices. The current stacking order will switch after clicking. With this function, the user can keep the preview image in the same stacking sequence as the actual built-up union screen. After completing the configuration, click "Save" to save the basic parameters as a configuration package.



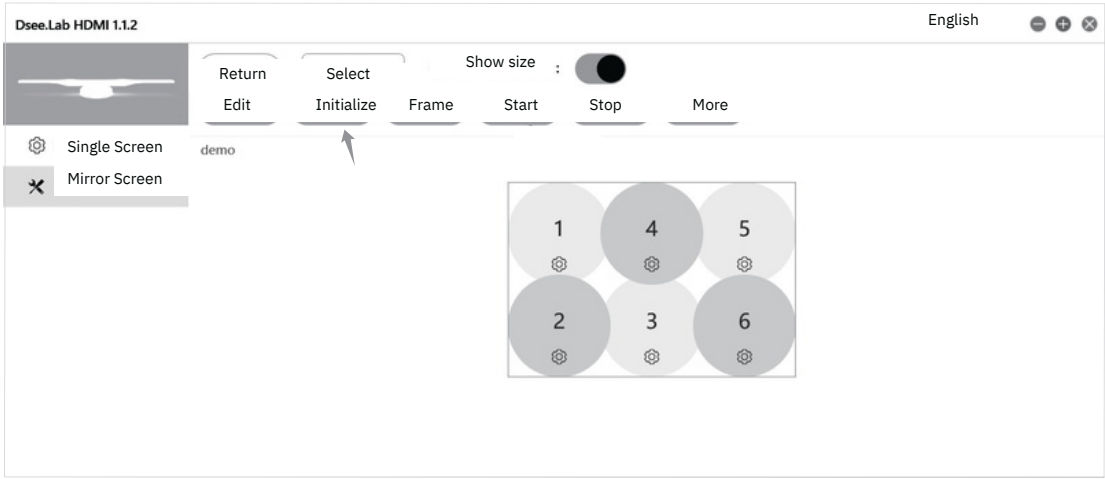
2.Initialize union screen parameters

Click the "Details" button in the configuration list to enter the parameter configuration interface



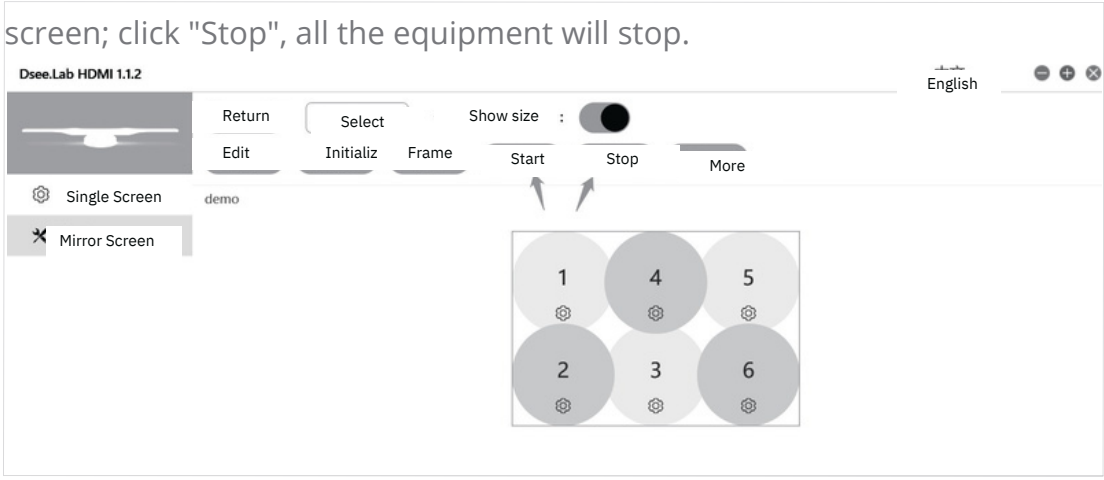
Click "Initialize", the software will calculate the parameters of the connected screen device according to the settings and deliver it, and the device will cut the screen according to the parameters and jointly complete the connected screen display. Note: In order to improve the display effect of HDU union screen, the adjacent devices rotate in the opposite direction after the union screen parameters are configured. Initializing the device after starting the device may cause the direction of rotation of the device

Error, the screen flickers. When this situation occurs, it is necessary to stop the device, reinitialize the device after it is stationary, and start the device.



3.Turn on/off device

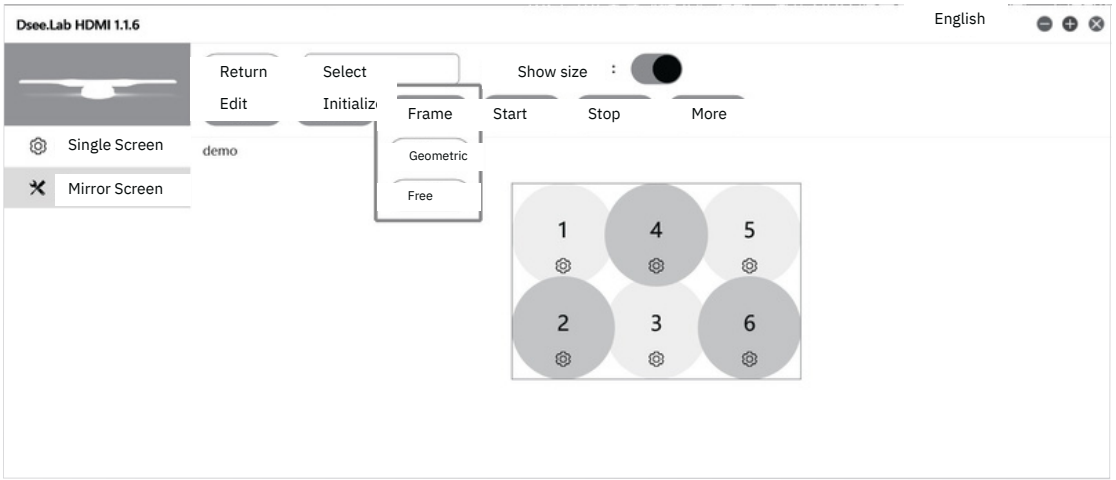
Click the "Start" button, the entire joint screen will start and display the screen; click "Stop", all the equipment will stop.



4.Adjust the screen area of the union screen

The user can adjust the screen range displayed on the HDU union screen through the "frame selection" function. This function is to select an area on the currently operating PC screen and display it on the HDU union screen. There are two frame selection methods, "equal ratio" and "free". In the case of proportional ratio, the frame selection area is limited to the same ratio as the width and height of the combined screen;

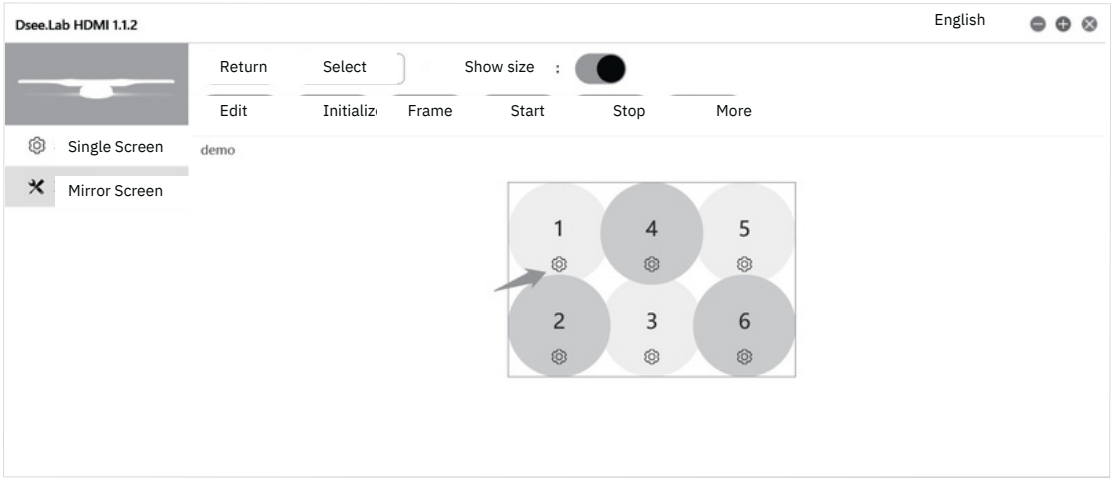
In the free mode, the user can select the screen at any ratio. It should be noted that due to display limitations, if the width and height of the free frame selection is too large (ie long strip), the screen cannot be displayed normally. In this case, please re-select the frame and increase the smaller side.



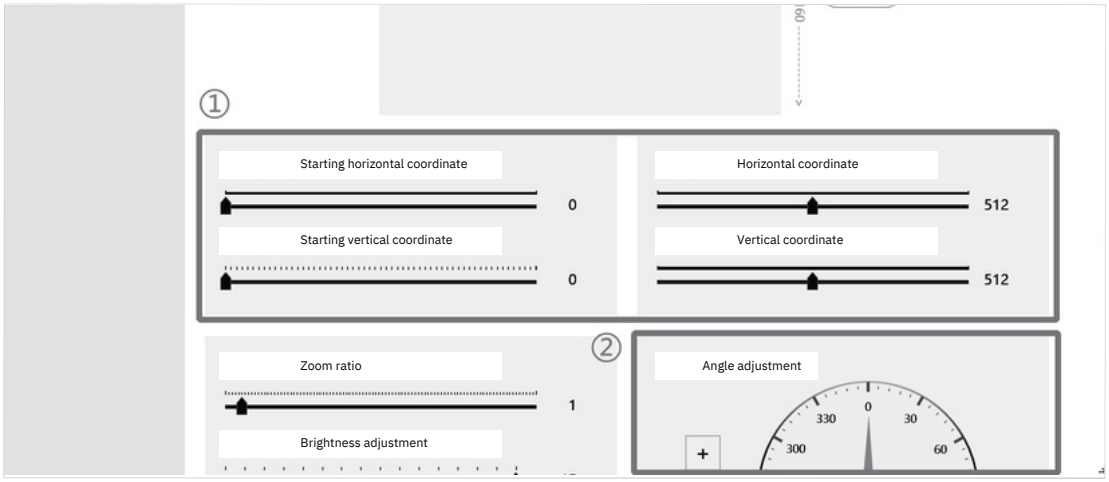
5.Configure union screen parameters

If you need to fine-tune the mask, angle and other parameters of a single device in the union screen, you need to enter the configuration interface of the device to adjust.

Click the gear-shaped icon of the corresponding device in the device preview area to enter the device configuration interface.



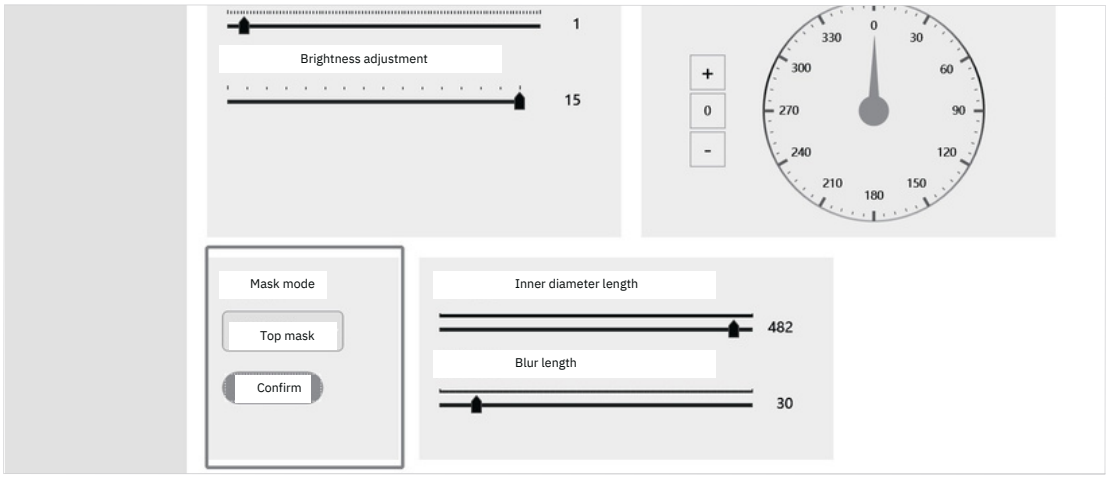
The operation panel in area ① can fine-tune the horizontal position of the screen; the operation panel in area ② can adjust the deflection angle of the device screen.



Pull down the interface, you can choose to adjust the mask parameters of the device. In the mask mode in the red box, select the mask mode through the drop-down menu. The modes include "no mask", "top mask", and "bottom mask".

The top-level mask is to set the gradient outside the screen of the currently specified device. The gradient will take effect outside the entire circle. Therefore, the parameters only have "inner diameter length (the starting radius at the beginning of the gradient)" and "blur length (the effect of the gradient). length)".

The bottom layer mask is to set four circular internal intrusive gradients on the screen of the currently specified device, and the preview effect will be displayed on the right side of the mask mode. The four circular intrusive parts can be set individually, and click the corresponding mask in the preview image to configure. Change the position of the mask through "Mask Angle" and "Mask Distance". The functions of "Inner Diameter Length" and "Blur Length" are the same as the top mask.



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