MAGNIMAGE

# LED-F812-C/F816-C

# Video Control Server

**User Manual V1.0**

⚠ Before using this LED video processor, please read this instruction manual carefully and keep it for future reference.

MAGNIMAGE

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# Statement

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The product specifications and information mentioned in this manual are for reference only and are subject to update without notice. Unless otherwise agreed, this manual is only used as a guide, and all statements, information, etc. in this manual do not constitute any form of guarantee.

# Revision History

| Version | Revise Date | Revised Content |
|---|---|---|
| V1.0 | 2024-10-15 | First release |
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# Introduction

Thank you for purchasing our company's LED all-in-one video controller. Hope you can enjoy the excellent performance of this product. The design of this LED all-in-one video controller complies with international and industry standards, but improper operation may still cause personal injury and property damage. In order to avoid the possible dangers caused by the equipment, and to benefit from your equipment as much as possible, please follow the relevant instructions in this manual when installing and operating the product.

## Trademark Credit

- VESA is a trademark of the Video Electronics Standards Association.
- HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.
- Even if the company or product trademark is not specifically stated, the trademark has been fully recognized.

## About the software

It is illegal to modify, decompile, disassemble, decrypt or reverse engineer to the software installed on this product.

## Product Features

- Standard multiple input interfaces:HDMI2.0×1、DP1.2×1 、DVI×2、12G SDI×1、Audio×1；Support for expansion:HDMI2.0+DP1.2
- Support HDMI2.0 loop out
- Support for zoom and image capture functions
- Support quick light screen, no need PC software to configure the screen
- Support single input port 4K×2K/60Hz(HDMI2.0) or 8K×1K/60Hz(DP1.2) resolution
- 4K60 RGB 4:4:4
- Support window size & position adjustment and image crop
- Supporting four-layer full screen walk through and layer quick templates
- Support seamless switching between input sources and preset
- Support customized input/output resolution
- Single network port standard load 0.98 million pixels，a single machine can carry maximum width 16380 pixels and maximum height 7680 pixels
- Support template save and load
- Support connection to MAGNIMAGE C-Link series receiving cards
- Support reading and loading of configuration files from native U disks
- Support monitoring output function
- Support free cable connection function
- Support input backup for single machine
- Support network port backup for single machine and multi-machine
- Support receiving card serial number mapping, switch on the intelligent serial number to visually check the position of the cabinet
- Built-in loop function for RJ45 control port，no need local network，easy to control for cascade operation
- Support multi-input mosaic within single machine and multi-cascade mosaic
- Support central control for RS232
- Support external independent audio input and output

- Support caption function
- Support time task function, timed brightness
- Support for fiber optical input/output and backup
- Support lock button
- Supports 120Hz continuous 3D display and left&right or up&down 3D display with 60Hz（model：LED-F816-C3D）

## Port Extension

LED-F812-C/LED-F816-C is basic model number， we can extend Input Source on the basis of basic model. Extension model are as follows:

| Available Expansion Modules | | Product Model |
|---|---|---|
| Input module | Standard allocation+Expand 1 external HDMI2.0 and 1 external DP1.2 input module | LED-F812-CH |
| | Standard allocation+Expand 1 external HDMI2.0 and 1 external DP1.2 input module | LED-F816-CH |
| Output module | LED-F816-CH+Expand 1 external 3D output module | LED-F816-C3D |

Note:

LED-F812-C is the same as LED-F816-C in input configuration, name method and function，The differences between LED-F812-C and LED-F816-C are as follows:

| **Product Mode** | **Port** | **Quantity** | **Resolution specification** |
|---|---|---|---|
| LED-F812-C | Gigabit network port | 12 | Single network port standard load 0.98 million pixels, and the whole machine carries 11.76 million pixels. a single machine can carry maximum width 16380 pixels and maximum height 7680 pixels |
| LED-F816-C | Gigabit network port | 16 | Single network port standard load 0.98 million pixels, and the whole machine carries 15.68 million pixels. a single machine can carry maximum width 16380 pixels and maximum height 7680 pixels |

Next, we will explain to you the model LED-F816-C3D All-in-one video controller:

## Safety Notice

The input voltage range of the power supply of this product is 100~240V, 50/60Hz, please use the correct power supply.

When you want to connect or unplug any signal cable or control cable, please make sure that all power cables have been unplugged beforehand.

When you want to add hardware devices to this product or remove

hardware devices from this product, please make sure that all signal cables and power cables have been unplugged in advance.

Before performing any hardware operations, power off the LED video processor and discharge static electricity from your body by touching a grounded surface.

Please use it in a clean, dry and ventilated environment, and do not use this product in a high temperature, humid environment.

This product is an electronic product, please keep it away from fire, water and flammable and explosive dangerous goods.

There are high-voltage components in this product, please do not open the case or repair the device by yourself.

If you find any abnormality such as smoke or odor, please Function off the power switch immediately and contact the dealer.

# Features

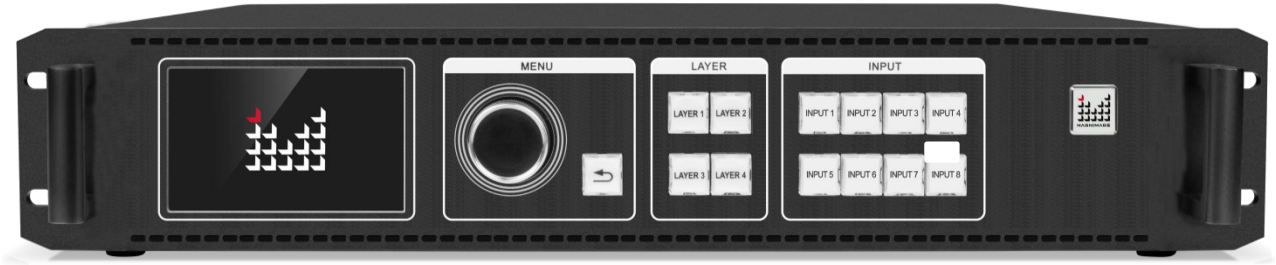
## Overview

The video control server is a video controller created by Magnimage, which integrates video processing, splicing, switching and LED screen sending card functions.This series integrates various professional input interfaces, supports up to 4K × 2K/60Hz or 8K×1K/60Hz; LED-F812-C single machine can load 11.76 million pixels, support 12 Gigabit Ethernet port output; LED-F816-C single machine can load 15.68 million pixels, support 16 Gigabit Ethernet ports for output, can be used with the company's support to connect Magnimage C-Link series receiving cards.

The load capacity of all-in-one video controller is twice of the ordinary all-in-one video controller, and supports EDID management and customize output resolution, single controller output max width can be 16380 pixel, up to 120HZ refresh rate. Greatly improved the utilization of output bandwidth. The output image can be scaled point by point according to the actual size of the LED display.

Complete video input interface,including: DVI×2、DP1.2×1(support 8K×1K/60Hz)、HDMI2.0×1 (support 4Kx2K/60Hz) 、Audio×1、12G SDI×1、and can also extend HDMI2.0+DP1.2 input source.Support HDMI loop-out × 1, HDMI Monitor output × 1, And it supports network, square port USB and RS232 serial port control, which is convenient for interconnection and control with a variety of video equipment.

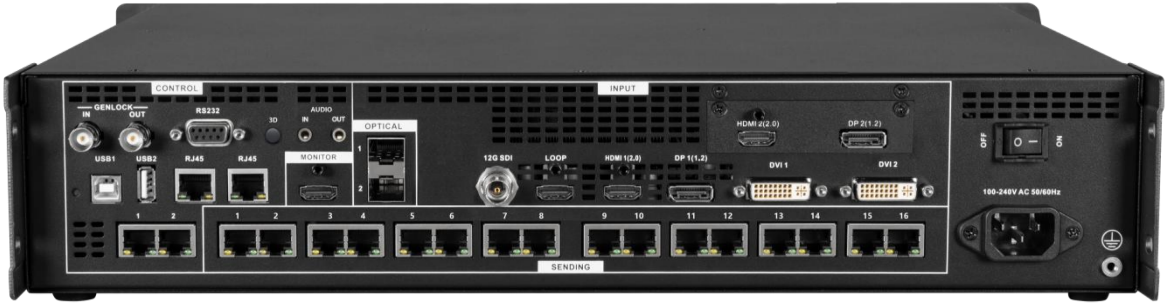
# Front Panel



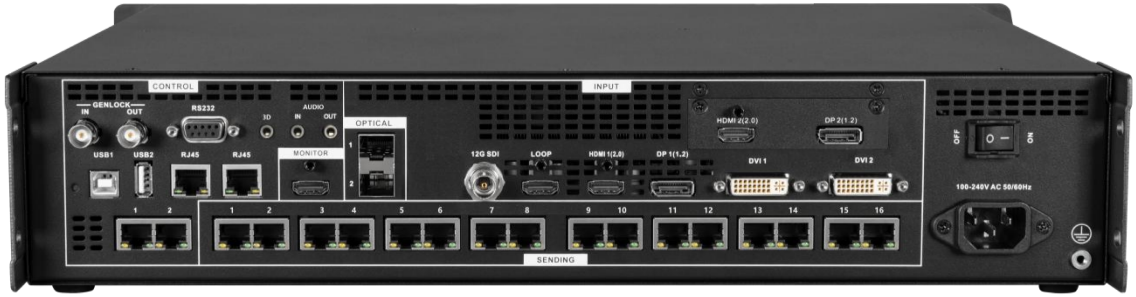

| Button Description | | | |
|---|---|---|---|
| Rotary knob | Select menu items and adjust parameters | INPUT3 | HDMI1 |
| ⮌ | Return button, return to the previous menu | INPUT4 | DP1 |
| LAYER 1 | Layer1 | INPUT5 | Extend input port |
| LAYER 2 | Layer2 | INPUT6 | Extend input port |
| LAYER 3 | Layer3 | INPUT7 | Extend input port |
| LAYER 4 | Layer4 | | |
| INPUT1 | DVI1 | | |
| INPUT2 | DVI2 | | |

# Back Panel

LED-F816-CH




LED-F816-C3D



# Technical Specifications

| Input Information | | |
|---|---|---|
| Port | Quantity Of | Resolution Specification |
| DVI | 2 | Maximum resolution: 3840×1080/60Hz, Backward compatibility Supports EDID management<br>Custom resolution, Maximum width 4094 pixels, maximum 3840 pixels |
| DP1.2 | 1 | Maximum resolution: 7680×1080/60Hz, Backward compatibility Supports EDID management<br>Custom resolution, Maximum width 7680 pixels, maximum 3840 pixels |
| HDMI2.0 | 1 | Maximum resolution: 3840×2160/60Hz, Backward compatibility<br>Supports EDID management<br>Customized resolution, Maximum width 4094 pixels, maximum 3840 pixels<br>The front-end forces input maximum support: 7680×1080/60Hz |
| 12G SDI | 1 | 2160P and other 12G-SDI standards |
| OPT1~OPT2 | 2 | 10G optical fiber interface, can be used as signal input |
| HDMI2.0+DP1.2 (extend) | 2 | 7680 x 1080/60Hz,3840 x 2160/60Hz and below customized |
| 3.5mm Audio (IN) | 1 | Can be external audio, with multi-function card output audio signal |

**NOTE:** Only Layer 4 support HDMI and SDI input deinterlacing

When OPT1, OPT2 are used as optical port inputs, only the OPT output data of the front-end devices 640Pro, V12, V16 and other devices of MAGNIMAGE will be received.

| Output Information | | |
|---|---|---|
| Port | Quantity | Resolution Specification |
| Gigabit Ethernet Port | 16 | single port load 0.98 million pixels, whole unit load 15.68 million pixels<br>maximum width 16380 pixels，maximum height 7680 pixels |
| HDMI2.0 LOOP | 1 | Can loop out HDMI2.0 input source,resolution is consistent with the input resolution of HDMI2.0 |
| HDMI Monitor | 1 | Output monitoring，1920×1080/60Hz |
| OPT1~OPT2 | 2 | 10G Optical Fiber Interface，Supports replication or hot backup mode |

**Note:** When OPT 1-OPT 2 is used for optical port backup or replication signal output, OPT 1 corresponds to network port 1-8 outputs data, and OPT 2 corresponds to network port 9-16 outputs data.

| Machine Specification | |
|---|---|
| Input Voltage | 100-240V AC~50/60Hz 0.6A |
| Operating Temperature | 0-45℃ |
| Dimensions | 482.6×421.3×88 mm (L × W × H) |
| Net Weight | 7.6KG |
| Power Consumption | 80W |

# Use Menu

Using the product menu system can easily and intuitively set the machine to meet the user's use requirements

The all-in-one video controller uses a full-color LCD display to display the entire user menu. When the user does not operate or the operation times out, the default state will be displayed on the LCD screen. If you use the buttons on the front panel of the machine to set the machine, the LCD screen will display the corresponding menu according to the user's operation to prompt the user to operate better, faster and more intuitively.

The following will combine the button functions and the display of the LCD screen to introduce the menu system of the all-in-one video controller in detail.

## How to use the buttons

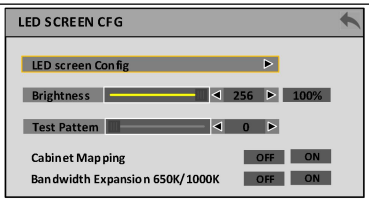
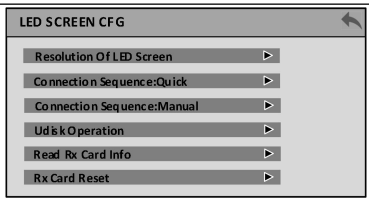
The front panel button of controller divide to 3 areas, MENU、LAYER、INPUT

### MENU Area:

This area contains 1 buttons and a knob that can be pressed; ⮌ button and knob.

Short press the "knob", its function is the same as the confirmation button(OK) ; when press the return button(⮌) , the menu system will return to the previous menu in turn, until it returns to the default state.

In the main menu, the enter button can also used for switch between browsing mode and setting mode, for example:

| Browsing Mode | Setting Mode |
| --- | --- |
|  |  |

↖ confirm button, short press knob, can switch between the two modes ↗

Under browse mode, Anticlockwise rotate the "knob", the cursor moves up or left; rotate the "knob" clockwise, the cursor moves down or right. When moving the cursor to the item to be adjusted, press the "knob" or the confirm button to enter the setting mode, then turn the "knob" anticlockwise to decrease the current parameter value; turn the "knob" clockwise, Then the current parameter value can be increased. To continue setting other items on this page, please switch back to browse mode. If you want to return to the previous menu, please use the return button; if the adjustment is completed, press the return button to return to the previous menu until the default state.

### LAYER Area:

This area contains 4 buttons; LAYER1, LAYER2, LAYER3, LAYER4; Corresponding to the 4 active screens inside the machine.

Long press the button to Function on or off the corresponding screen. The one that has been used is white, and the current selection is red.

Short press to select the layer.

### INPUT Area:

This area contains 8 buttons: DVI1、DVI2、HDMI1、DP1、SDI1、OPT1、INPUT5 and INPUT6 are extended input buttons

The way of selecting a signal is to first select the LAYER in LAYER area, then select the corresponding signal.

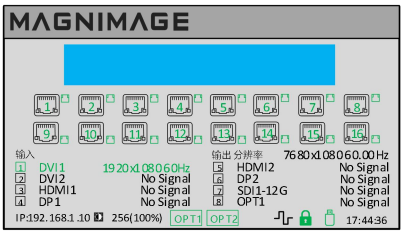
When there is a signal in the input, the button light is white; the currently selected one is red.

## Introduction to Default State

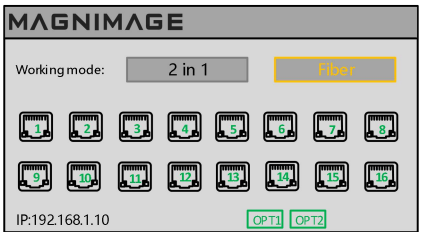
After turning on the power of the all-in-one video controller, during the system boot process, the boot interface will be displayed on the LCD screen of the front panel. After the startup is completed, the default state of the current

machine will be displayed on the screen, as shown in the figure below:

LED-F816-C:




Initial interface of 2-in-1 mode




Fiber conversion mode Initial interface

The information in the above figure is explained as follows:

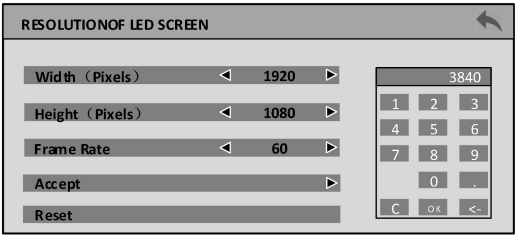
| Symbol | Description |
|---|---|
| INPUT1-8 | The input interface type corresponds to INPUT1-8. The input resolution is displayed. If No signal is displayed, the NO signal status is displayed |
| Output resolution | Current device output resolution and output refresh rate |
| | Network port number. Network cable Connects the network port to the screen<br>If the communication is normal, the network port number is green.<br>If the communication is abnormal, the network port number is white |
| IP | IP address of the local device |
| | Current LED display brightness value |
| | 10 Gbit/s optical port connects the two devices with optical cables<br>If the communication is normal, the OPT icon is green. If the communication is abnormal, the OPT icon is white |
| | Sync icon, indicating input splice sync/multi-machine splice sync |
| | Button lock status |
| 17:44:36 | Machine current time |

## Main Menu Introduction

In the main menu, the user uses the "⮌" buttons and the knob to select and adjust each item. The operation mode is as follows:

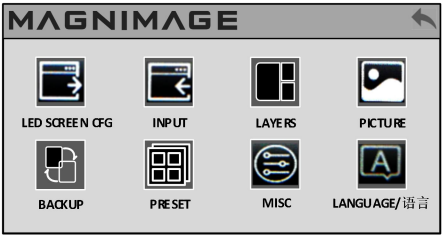
| Operate | Introduction |
|---|---|
| Open Main Menu | In the default state, press the rotary knob or slide the "magnimage" in the upper left corner |
| Select each Item | Rotate the knob to select each item |
| Adjust Parameter | parameter When the right item is a number or option parameter, rotate the knob |
| Enter Next Level Menu | When the project has a highlighted box, press the knob or click on the screen |
| Operate Function | Use knob to select the item to be operated,and press the knob or click on the screen |
| Return To Previous Menu | press "⮌" button |
| Confirm Operation | When resetting and other operations, in order to avoid wrong operation,You need to press the knob or click on the screen to confirm the operation |

Description of the numeric buttonpad: For any parameter that needs to be modified, in addition to pressing the knob and rotating it, and touching the left and right direction buttons, you can also touch and click the corresponding parameter to pop up the numeric buttonpad on the screen for operation. Where 0 to 9 represent numbers . Represents a decimal point, C represents exiting the numeric buttonpad mode, OK represents confirming the parameter modification, and <- represents backspacing to delete the entered number. The numeric buttonpad is shown in the following figure.



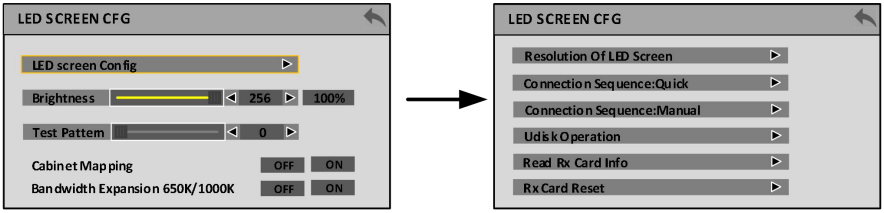

## Main Menu

In the default state, press the rotary knob or swipe the "MAGNIMAGE" button in the upper left corner, and the menu system will enter the main menu state.and the LCD screen will display as shown in the figure below:

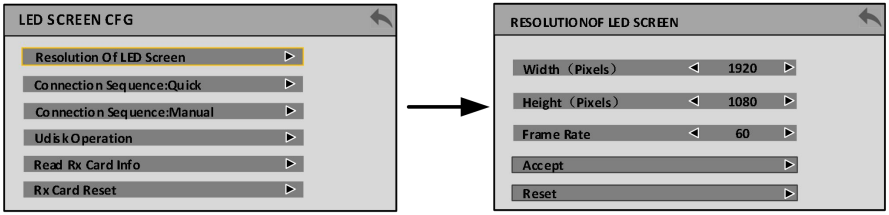



There are 8 menu items in the main menu. Use the knob to select the 8 menu titles listed above. After selecting, press the knob to enter the selected item, and press the "⮌" button to return to the previous menu

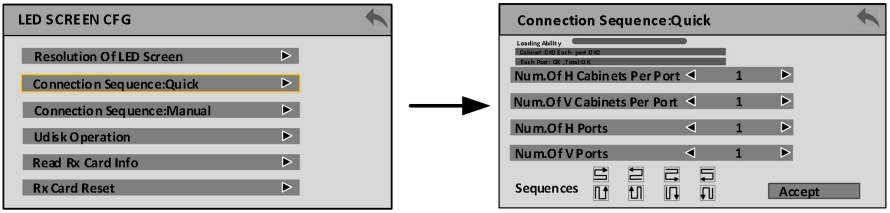
## LED SCREEN CFG



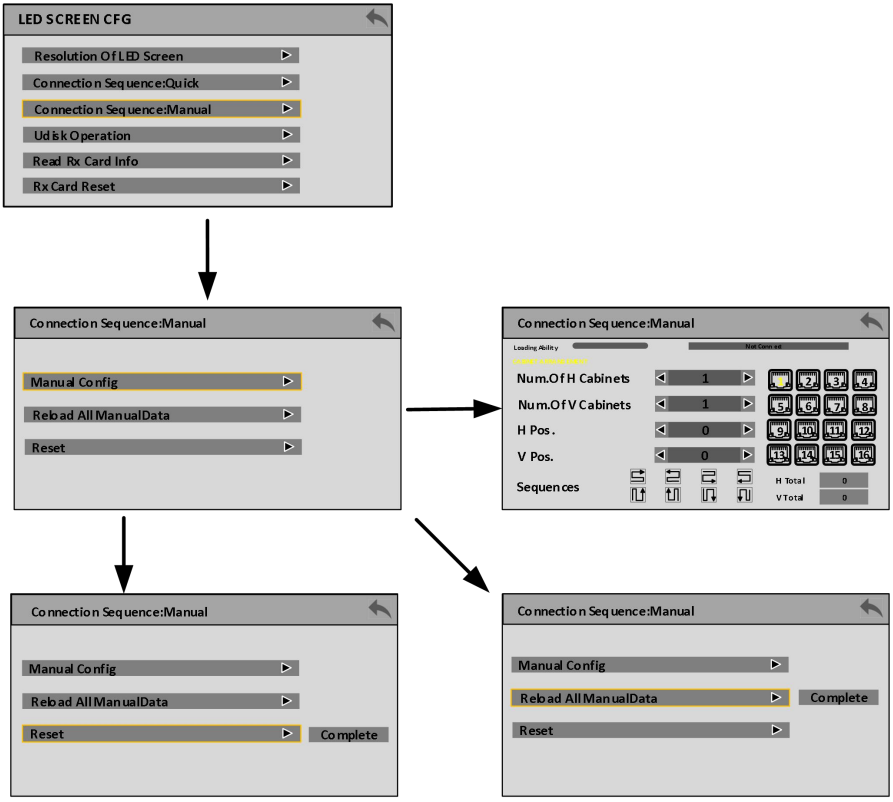
Resolution Of LED Screen:




Connection Sequence:Quick:




Connection Sequence:Manual:

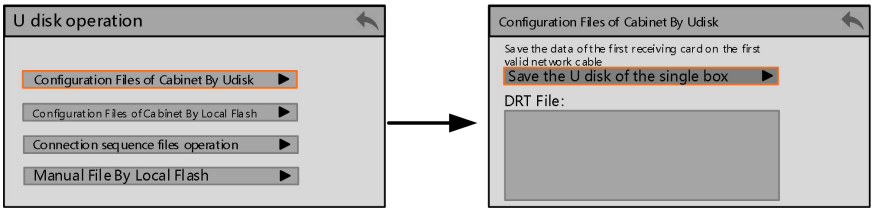



Reload connection sequence:

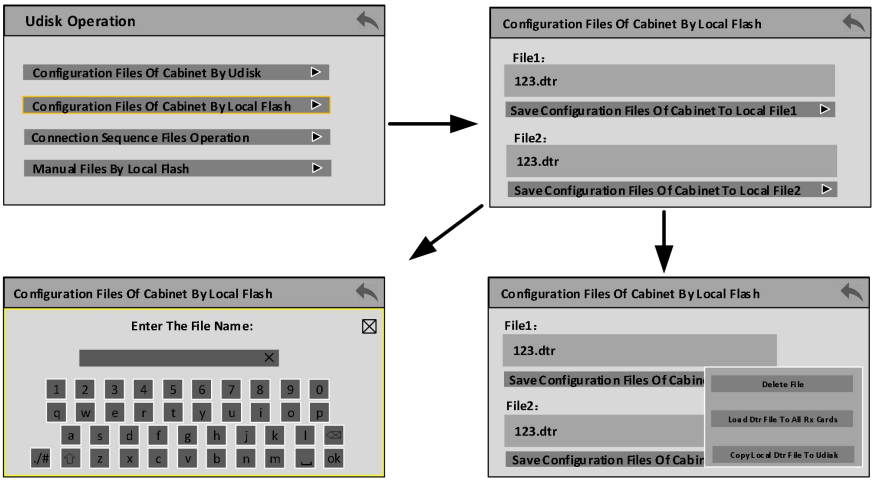
Reset:

**U disk Operation**:

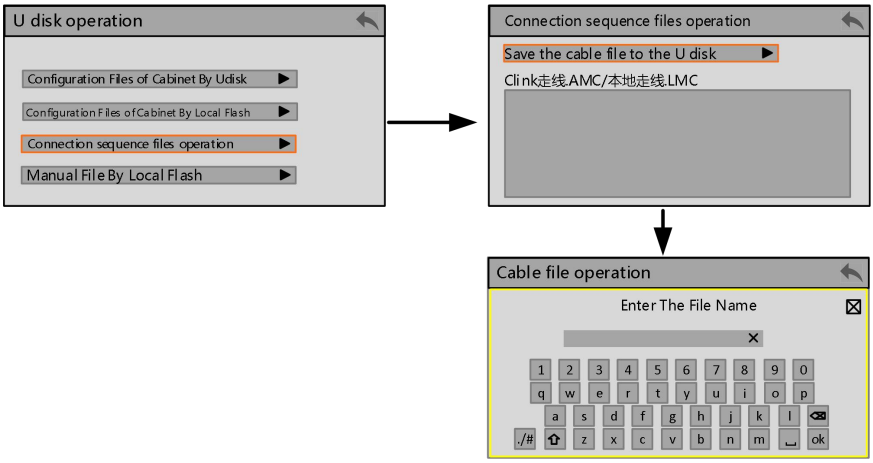
configuration on files cabinet by u disk:



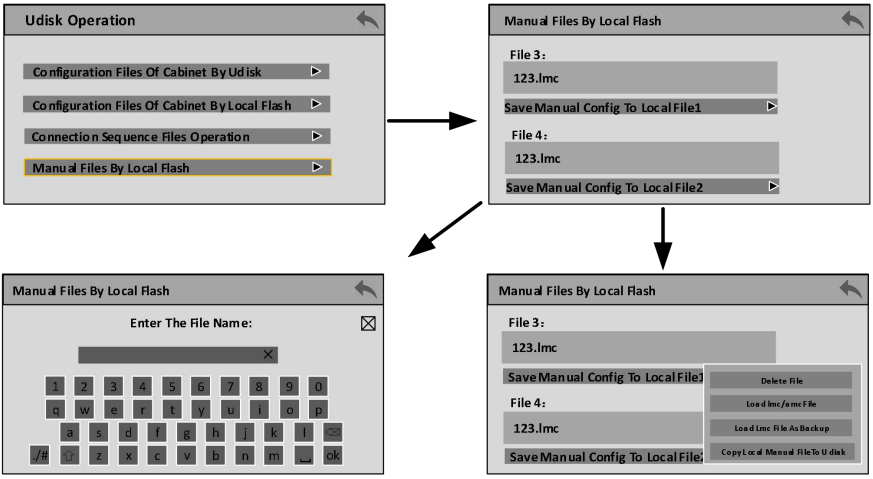

configuration on files cabinet by local flash:



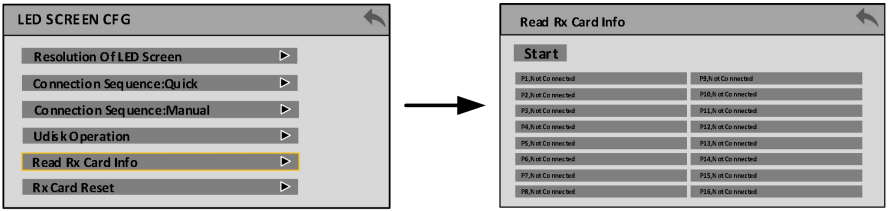

Connection sequence files operation:



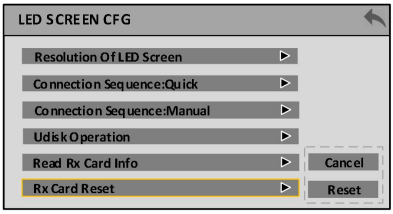

Manual Files By Local Flash:



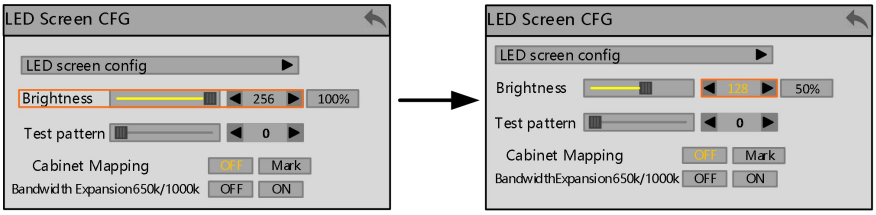

## Read Rx Card Info:



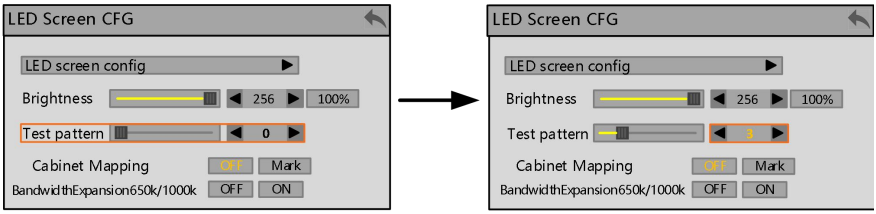

## Rx Card Reset:




## Screen brightness:



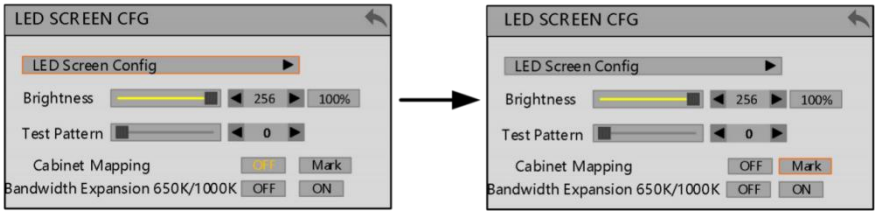
Test pattern:



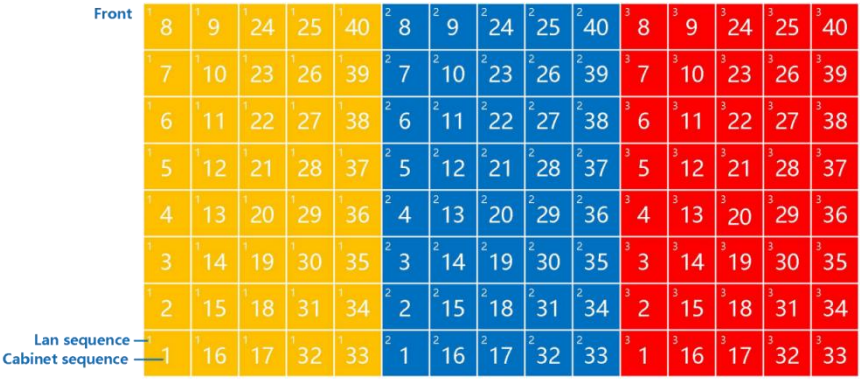

| | | | |
|---|---|---|---|
| LED SCREEN CFG | Resolution Of LED Screen | supports EDID management and customize output resolution, single controller output max width can be 16380 pixel, output max height can be 7680 pixel | |
| | Connection Sequence:Quick | When all the network ports are routed in the same way, light the screen quickly according to the number of cabinets, the connection of the network cable, the arrangement and other information. Through the built-in quick splicing function of the machine, copy and light up multiple sending card screens | |
| | Connection Sequence:Manual | Receiving card width Height mode | Automatic - Continue: Set the width and height of each network port with a load box and the horizontal/vertical position of the network cable offset. Select the cable mode to confirm |
| | | | Custom: The box width and height can be customized,one single network port can carry only one type of container.Each network port can carry only one type of box specifications. Each network port can have different box specifications,select a cable mode and confirm |
| | UDisk Operation | can import the screen configuration parameters and screen files into the machine through a USB flash drive, or save the configuration parameters and screen files from the machine to a USB flash drive | |
| | Read Rx Card Info | Can read back the receiving card box information in the machine | |
| | Rx Card Reset | Reset receiving card brightness, color temperature, Gamma and other parameters | |
| Screen brightness | Large screen brightness (default value is 256) 100% | | |

| | |
|---|---|
| Test pattern | The default status is 0, and 10 kinds of picture card test screens are supported |

Cabinet mapping：

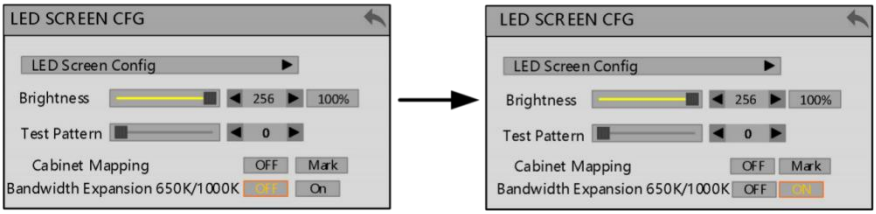



Cabinet（MAPPING）：




**Note：** The number in the upper left corner is the port number, and the number in the middle is the container number

Bandwidth Expansion ：




| | |
|---|---|
| Cabinet Mapping | Open the box marking, the LED display display shows the serial number Cabinet of the carrier network port and the serial number of the box, which is Mapping convenient and intuitive to make the display connection diagram |
| Bandwidth Expansion Of 0.65/1.0 Million Pixels | Collaborate with a receiving card that can enable bandwidth expansion to increase network port load |

## INPUT

INPUT PORTS LIST:

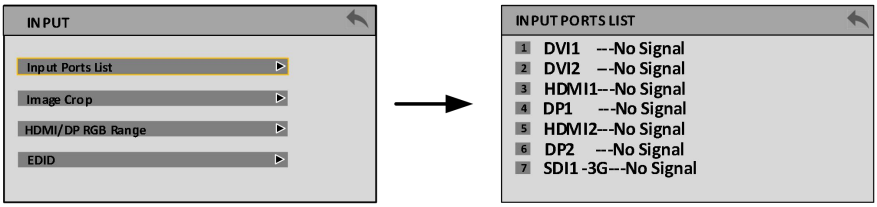
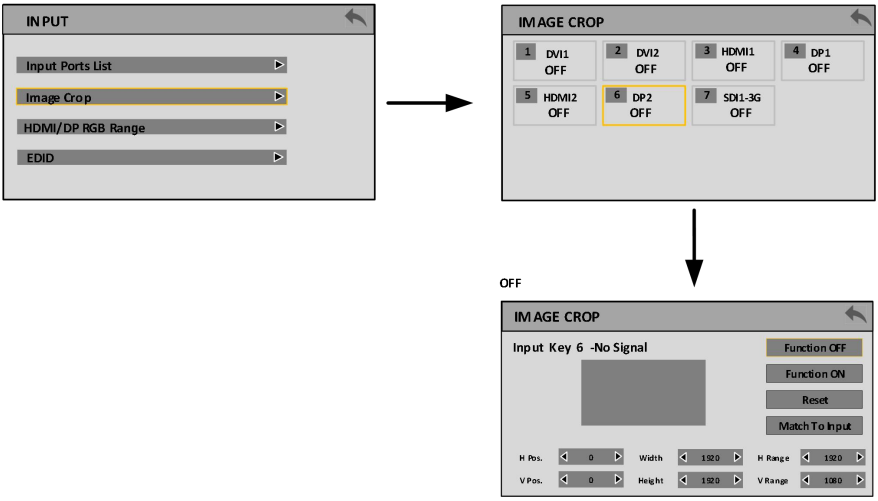
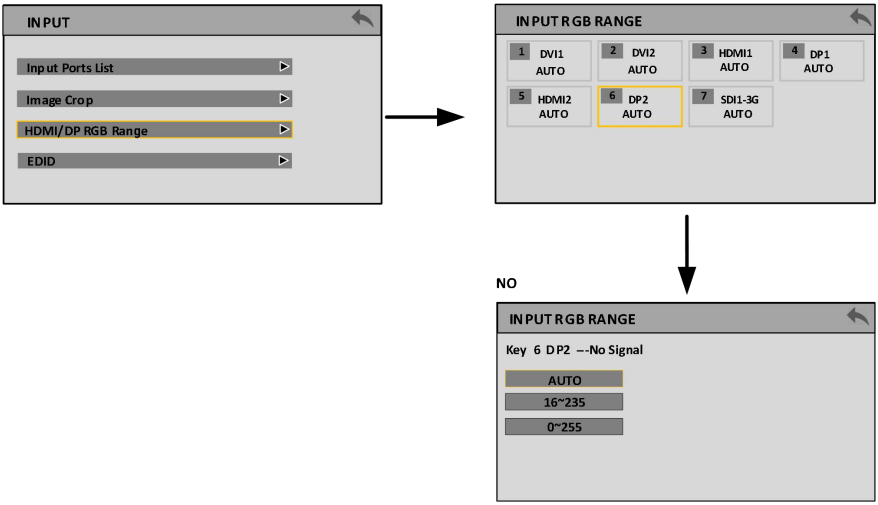



IMAGE CROP:




HDMI/DP RGB Range:



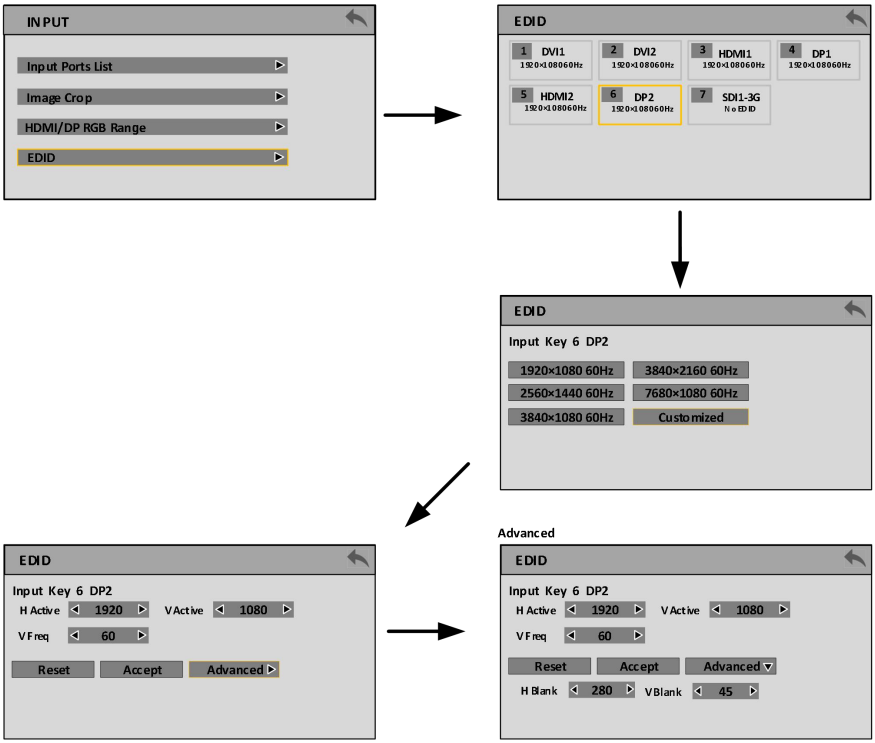

| | |
|---|---|
| Input Ports List | Display the input information of all input ports on this device, with the displayed content being input resolution or no signal |
| Image Crop | All input signals from input 1 to input 8 can be intercepted at will. By selecting the input number and input signal that need to be intercepted through the knob or touch, you can enter the detailed operation menu for image capture. |
| | DVI Indicates the input signal currently be intercept |

| | | | |
|---|---|---|---|
| | Function Off | Function off Image crop | |
| | Function On | Function on Image crop | |
| | Reset | Reset Image crop | |
| | Matching Input Signal | Match the image capture parameters below with the image parameters of the input signal | |
| | Image Crop Setting | Horizontal Position | Modify the horizontal position of image crop |
| | | Horizontal width | Modify the horizontal width of image crop |
| | | Horizontal Base | Modify the horizontal base of image crop |
| | | Vertical Position | Modify the vertical position of image crop |
| | | Vertical Height | Modify the vertical height of image crop |
| | | Vertical Base | Modify the vertical base of image crop |
| RGB Range | Adjust RGB range for any input, set AUTO/ “0-255” / “16-235” | | |

**NOTE:** To crop an image, first select input 1 to input 8, and then select the signal to be crop in the corresponding area below.

The image crop function is the function of selecting a portion of the input signal and outputting it to the LED display screen according to the layer size. Therefore, the size and position of image crop are limited to the resolution of the input signal. The various setting parameters in the above table are mutually restrictive.

EDID CFG：



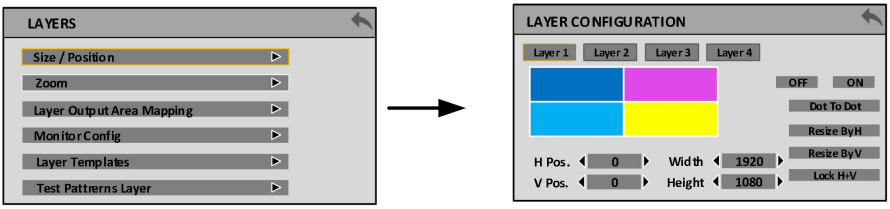

| | | |
|---|---|---|
| EDID Setting | Input signals from Input 1 to Input 6 can be set by selecting the knob Select the ring touch and click on the input number and signal that requires EDID to enter the detailed operation menu for EDID configuration | |
| | DVI 1 | Indicates the input sequence number and input signal currently being configured for EDID |
| | Horizontal Resolution | Modify the horizontal resolution of EDID |
| | Vertical Resolution | Modify the vertical resolution of EDID |
| | Reset | Reset all parameters of EDID |
| | Application | Write EDID parameters to the computer graphics card |
| | Advanced | Do not adjust or modify any parameters in the advanced |

| | | |
|---|---|---|
| | submenu without the support of our company's technical personnel. If you accidentally modify the menu, you can click the reset button. | |
| | H Blank | Modify the horizontal blank of EDID |
| | V Blank | Modify the vertical blank of EDID |

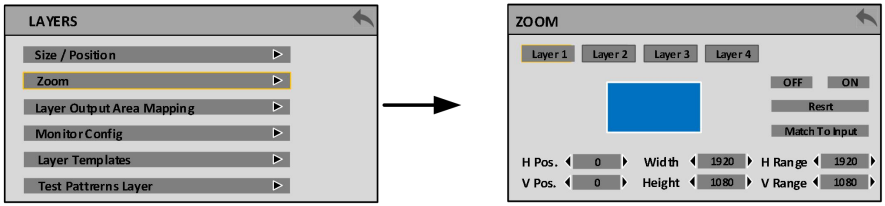
**NOTE:** After setting up the EDID, for different computers and graphics card outputs, it may be necessary to restart the computer or unplug the signal cable. In the display settings menu of the computer, select the corresponding resolution.

## LAYERS

Size/Position:

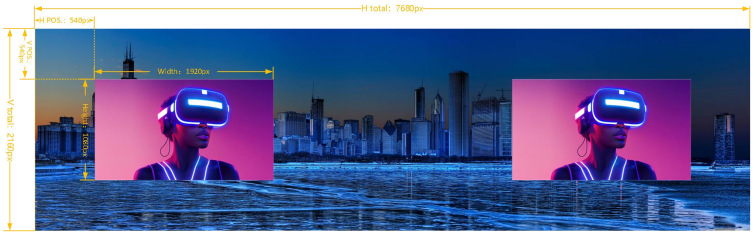



Zoom:



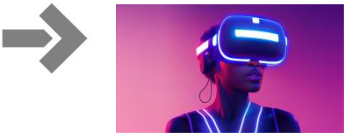

| | | |
|---|---|---|
| Size/Position | Can change the horizontal position, vertical position, horizontal width, vertical position of each layer | |
| ZOOM | Layer1~4 | Select the layer that needs to be zoom |
| | Function Off/On | Function off or Function on layer zoom |
| | Reset | Reset layer zoom |
| | Matching Input Signal | Match the corresponding horizontal/vertical reference based on the input signal resolution |
| | Layer Zoom Setting | Adjusting the size, position, and datum of layer zoom |

Layer zoom：



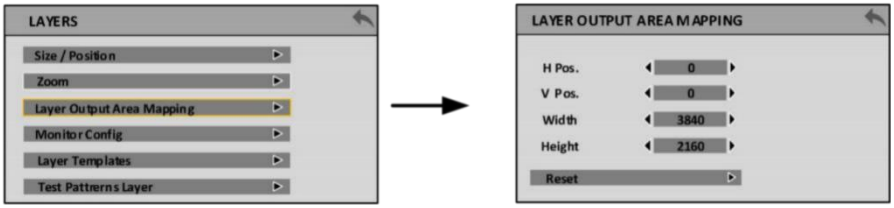

Note：The horizontal/vertical reference parameters can be simulated as the resolution points of the front-end input signal. If you need to use the magnification function to obtain the portrait screen on the left side in the above picture, the parameter Settings are shown in the table:

| | | | |
|---|---|---|---|
| H Pos. | 540 | V Pos. | 540 |
| Width | 1920 | Height | 1080 |
| H total | 7680 | V total | 2160 |

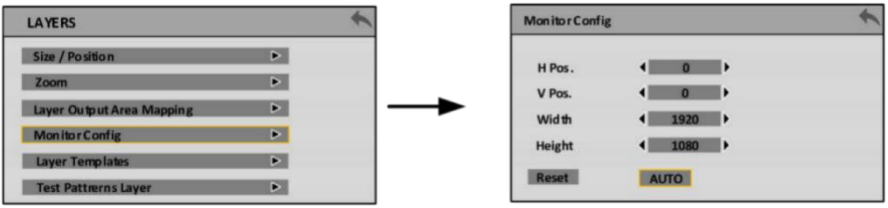


Zoom in on the resulting picture

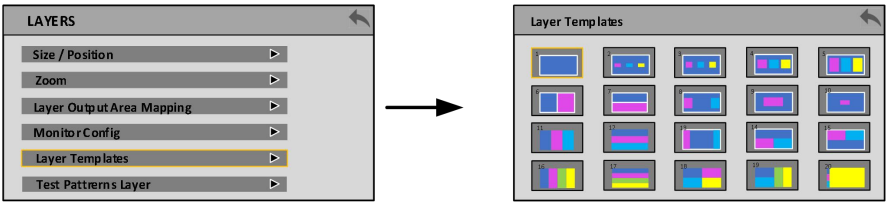
Layer Output Area Mapping：



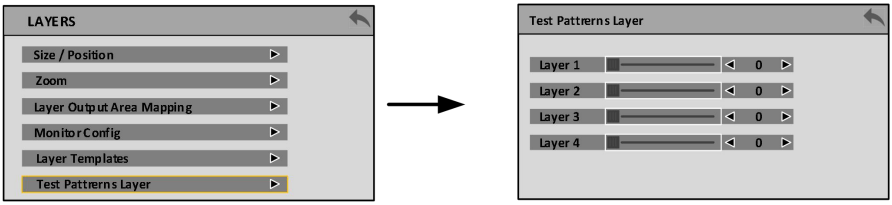

Monitor Config：




Layer Templates：




Test Patterns Layer:




| | |
|---|---|
| Layer Output Area Mapping | Consistent with the output resolution, this function is a virtual output function |
| Monitor Config | Pre monitoring screen size |
| Layer Templates | Quick templates for layers，Templates for a total of 20 layout layers |
| Test patterns layer | Each layer can be opened independently, and there are 16 test card styles |

## PICTURE

Layer Pictures setting:

| | | | |
|---|---|---|---|
| Layers Pictures Setting | 1-4 | Brightness: Range 0-100, default number is 50 | |
| | | Contrast: Range 0-100, default number is 50 | |
| | | Layer Color Temperature | 4000K/5000K/6500K/7500K/8200K/9300K/10000K/11500 K/user 9 modes |
| | | | Red range 0-255, default 128 |
| | | | Green range 0-255, default 128 |
| | | | Blue range 0-255, default 128 |
| Reset | | Reset to factory defaults | |
| Layers Pictures Setting | | Brightness: Range 0-100, default number is 50 | |

Color temperature effect:

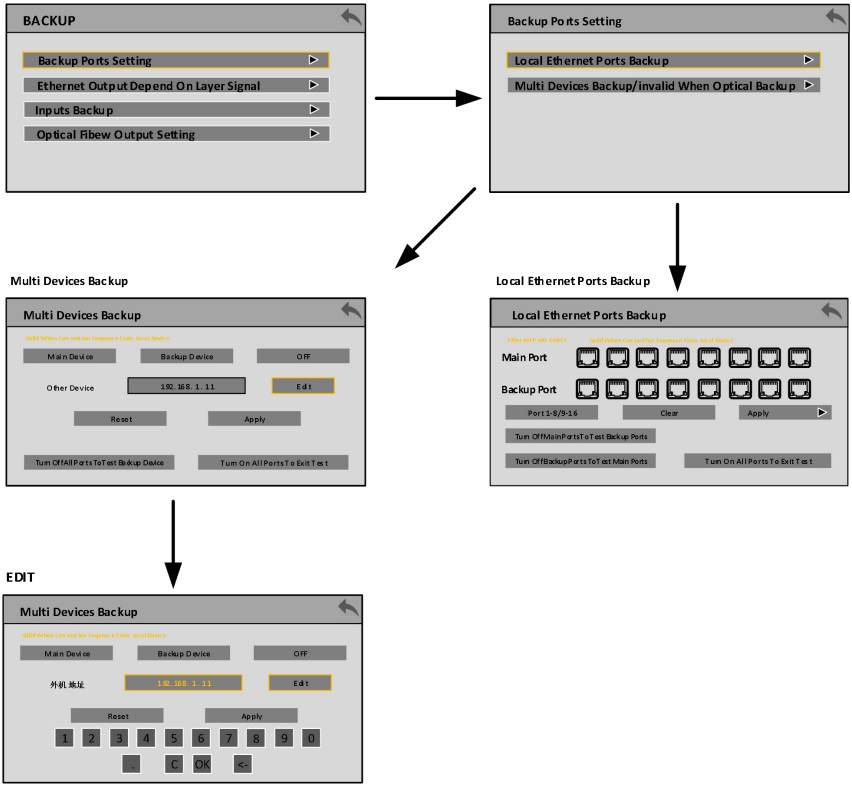
warm (< 6500K)

normal (6500K)

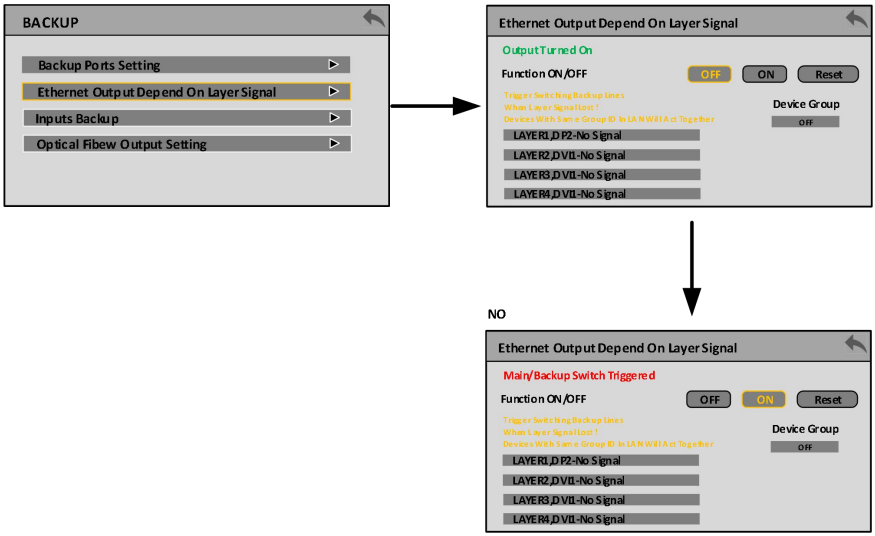
cold (> 6500K)

# Backup

Backup Ports Setting：



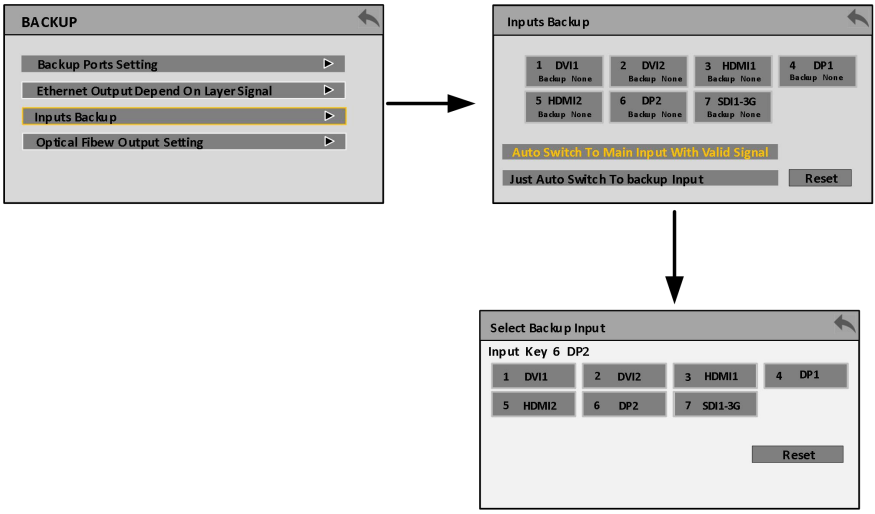

Ethernet Output Depend On Layer Signal：



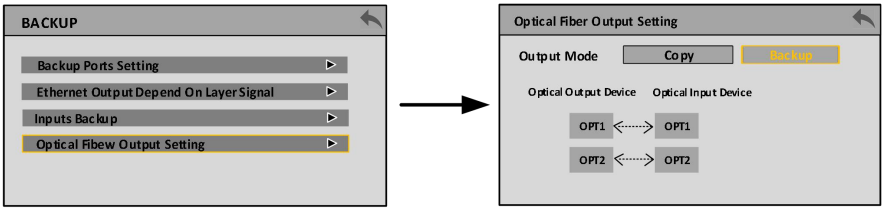

| | | |
|---|---|---|
| Local Backup | Single machine can specify any network port for backup. | |
| Multi-Machine Backup | Host Machine | When multiple machines are in the same LAN, you can choose another machine as backup or master, and set the IP address of another machine to achieve fast backup. |
| | Backup Machine | Set the IP address of the host on the backup machine |
| Ethernet Output Depend On Layer Signal | After being used as a multi machine backup, this function can be used. When the layer signal is lost, a backup line switch is triggered, and devices with the same group in the local area network will trigger simultaneously | |

**Note：The host is in one group when grouping, and the backup machine is in another group, and they are in the same local area network.**

Inputs Backup：

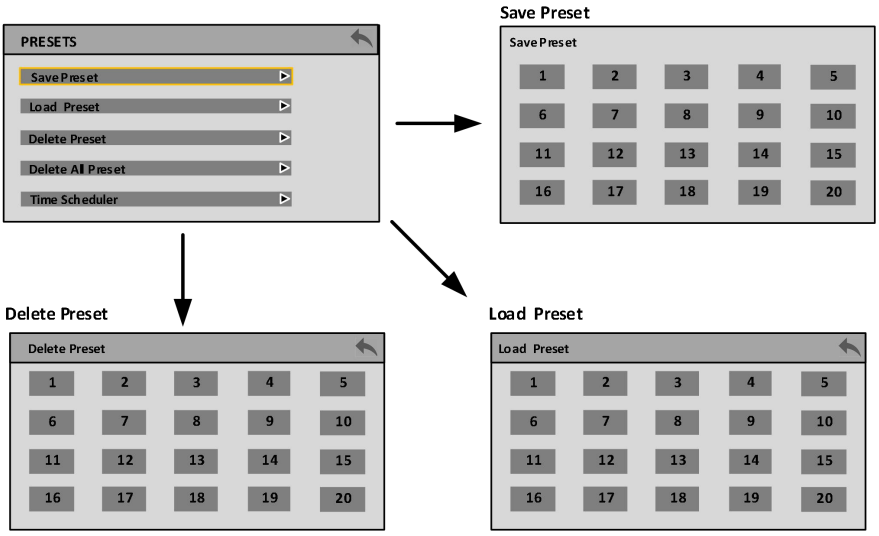



## Optical Fiber Output Setting:

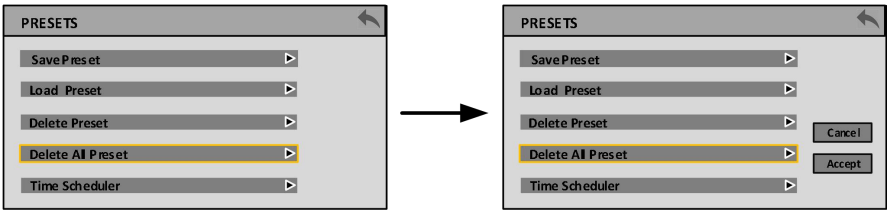



| | |
|---|---|
| Inputs Backup | Used for signal hot backup, after setting up the backup, if the current input signal is lost, it will switch to the backup preset according to priority to prevent situations such as screen blackout after signal loss. |
| Optical Port Copy | Long-distance transmission for devices |
| Optical Port Backup | Used for ring out backup between two devices (network port backup) |

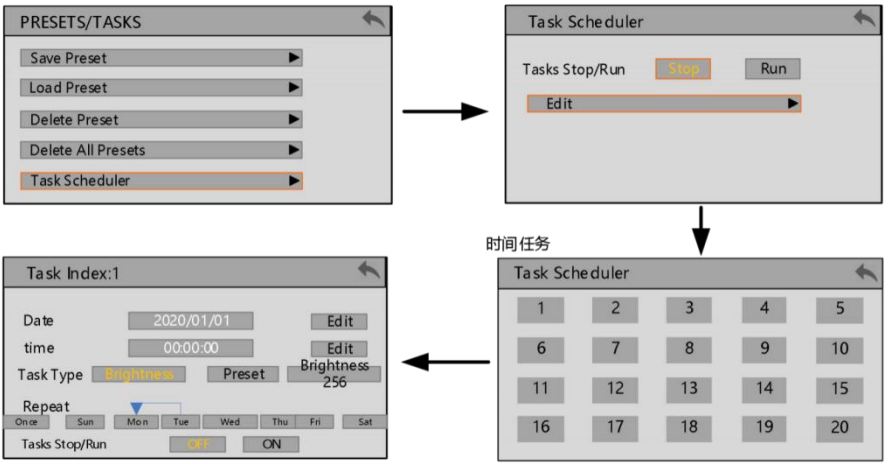
# PRESETS/TASK




Delete All preset:




Task scheduler:




| | | |
|---|---|---|
| Save Preset | This machine can save 20 presets,Enter the loading interface, press the number button or rotate the knob to load the preset | |
| Load Preset | This machine can save 20 presets,Enter the save interface, press the number button or press the rotary knob to load the preset | |
| Delete Preset | Enter the deletion interface, click the number buttons on the screen or press the rotary knob to delete the preset that has been saved | |
| Delete All Preset | Delete all saved presets | |
| Time Task | Edit | Display the 20 tasks in the current working mode of this machine, click on the tasks numbered 1-20 that need to be operated to enter the task setting menu |
| | Date | Select the date on which the current task will execute the action |
| | Time | Select the time when the current task will execute the operation |
| | Task Type | Brightness or preset |
| | Repeat | elect the frequency of current task execution: single, Monday to Sunday |
| | Stop/Run | Stop or run the current task setting operation |

**Note:**

**1.The font of the saved preset number buttons on this machine is green,**

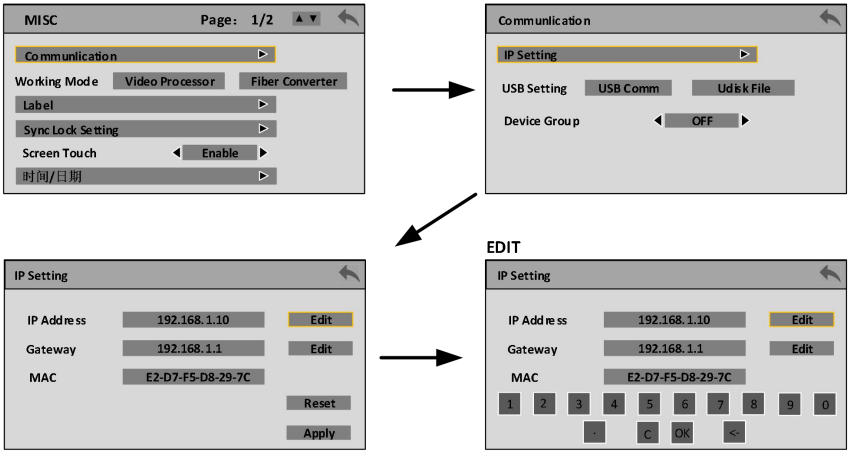
**while the font of the unsaved preset number buttons is gray.**

**2.delete presets will clear all presets on the machine, so please use this function with caution.**

**3.In 20 time tasks,brightness tasks and preset tasks can only be used for one time task at the same time.**

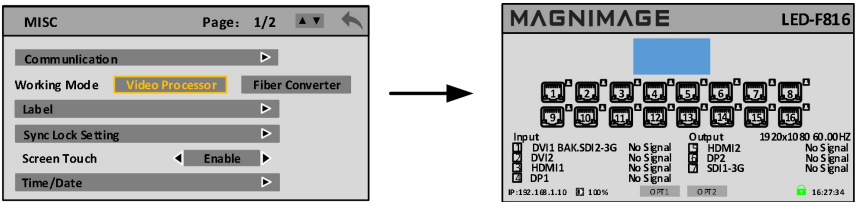
# MISC

## Communication:

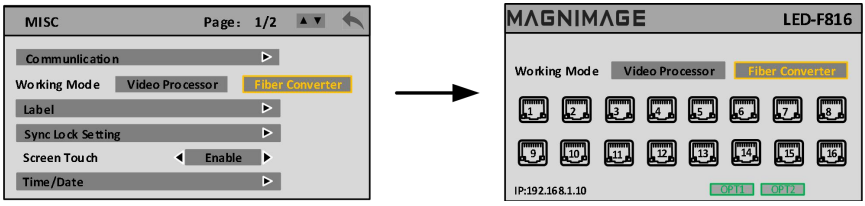



## Working mode:

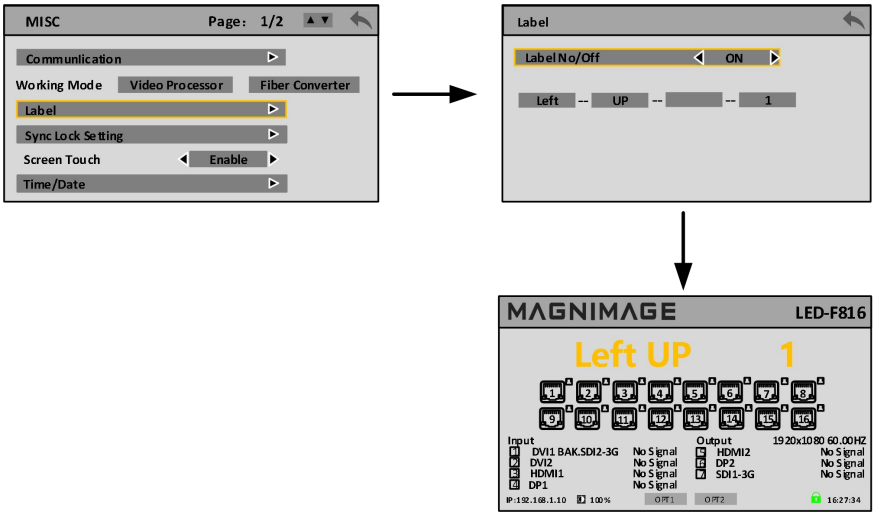
Video Processor:




Fiber converter:

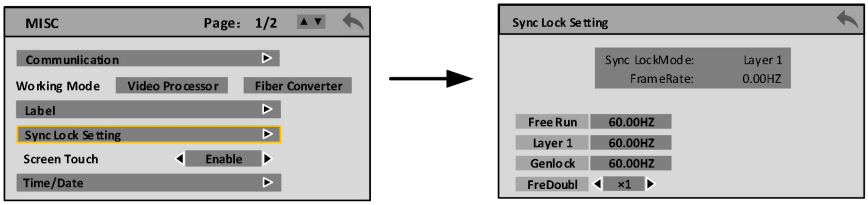


Label:

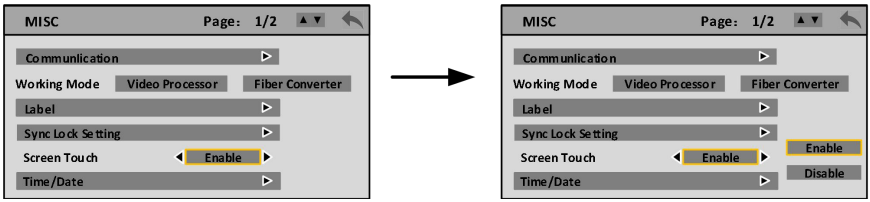



| | | | |
|---|---|---|---|
| Communication Setting | IP Address | Can change machine IP address | |
| | USB Setting | USB Communication | Switch this mode, you can use the square port USB communication |
| | | USB Disk File | Switch this mode, you can use the flat port USB to upgrade the machine |
| Working Mode | Video Processor | Normal usage mode | |
| | Fiber Converter | When two machines use optical ports for backup, this working mode should be selected for backup | |

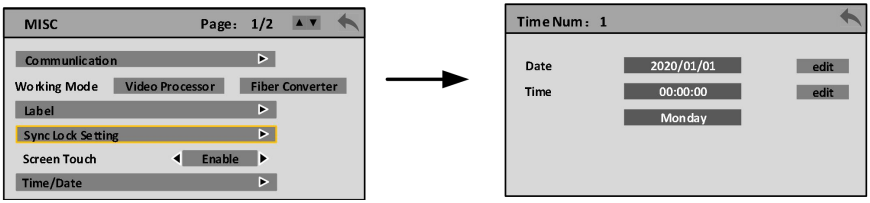
Sync Lock Setting:




Screen Touch:

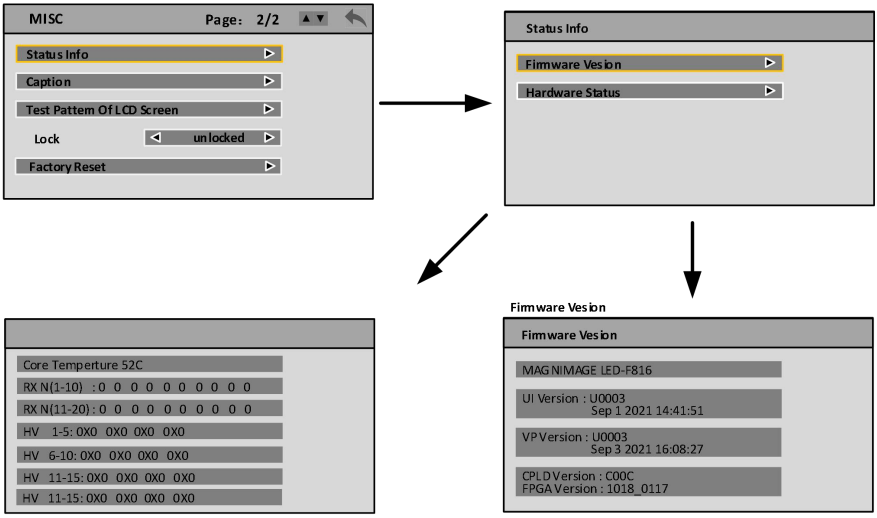



Time/Date:

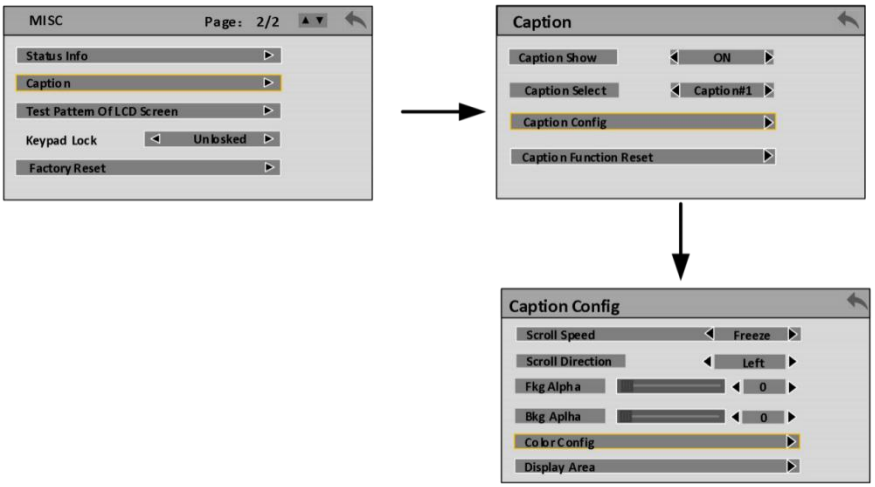


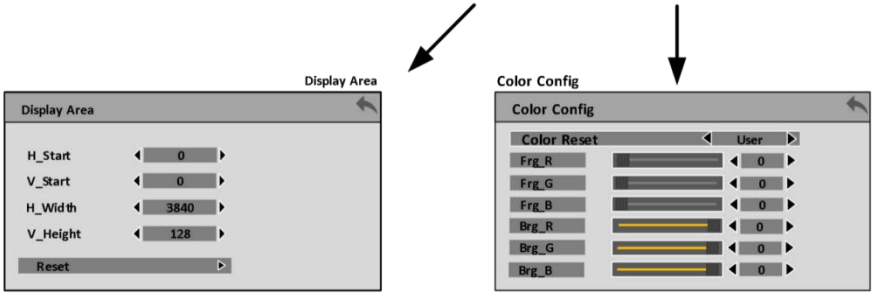

| | | |
|---|---|---|
| Sync Lock Setting | "Free Scroll", "Layer 1", "Genlock" defaults to "Layer 1" octave: × 1 × 2 × 3 × 4. Four options, with input and output frame rates in multiples | |
| Screen Touch | When turned on, the screen is touchable, but when turned off, the screen is not touchable | |
| Time/Date | Modify and display local date and time | |
| | Edit | Click the edit button to edit the local date and time |

Status Info:

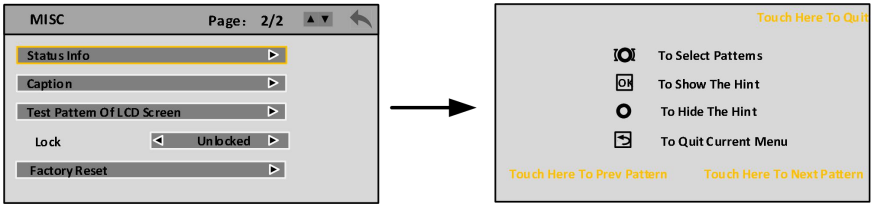

MISC
Page: 2/2
Status Info
Caption
Test Pattern Of LCD Screen
Lock
unlocked
Factory Reset
Status Info
Firmware Vesion
Hardware Status
Core Temperture 52C
RX N(1-10) : 0 0 0 0 0 0 0 0 0 0
RX N(11-20) : 0 0 0 0 0 0 0 0 0 0
HV 1-5: 0X0 0X0 0X0 0X0
HV 6-10: 0X0 0X0 0X0 0X0
HV 11-15: 0X0 0X0 0X0 0X0
HV 11-15: 0X0 0X0 0X0 0X0
Firmware Vesion
Firmware Vesion
MAGNIMAGE LED-F816
UI Version : U0003
Sep 1 2021 14:41:51
VP Version : U0003
Sep 3 2021 16:08:27
CPLD Version : C00C
FPGA Version : 1018_0117

Caption:

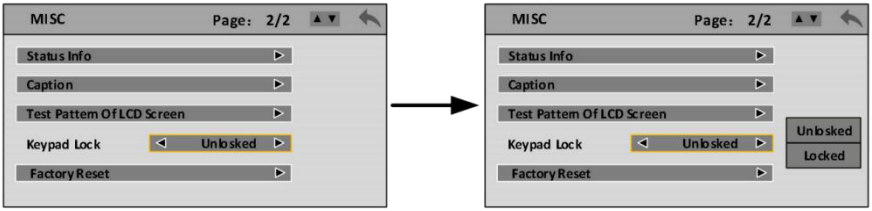

MISC
Page: 2/2
Status Info
Caption
Test Pattern Of LCD Screen
Keypad Lock
Unlosked
Factory Reset
Caption
Caption Show
ON
Caption Select
Caption#1
Caption Config
Caption Function Reset
Caption Config
Scroll Speed
Freeze
Scroll Direction
Left
Fkg Alpha
0
Bkg Aplha
0
Color Config
Display Area



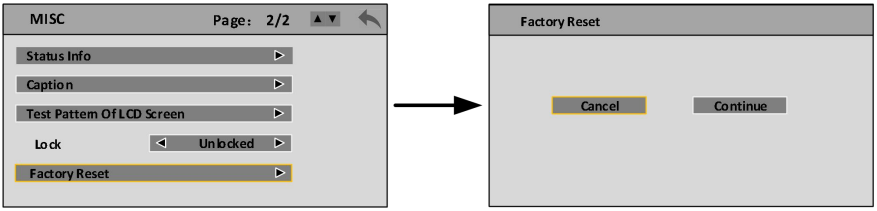

Test pattern of LCD Screen:



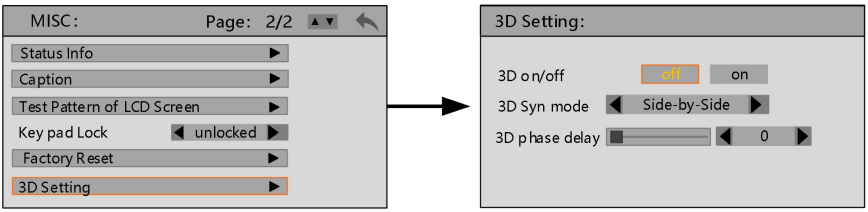

Button Lock:




Factory Reset:




3D Setting:

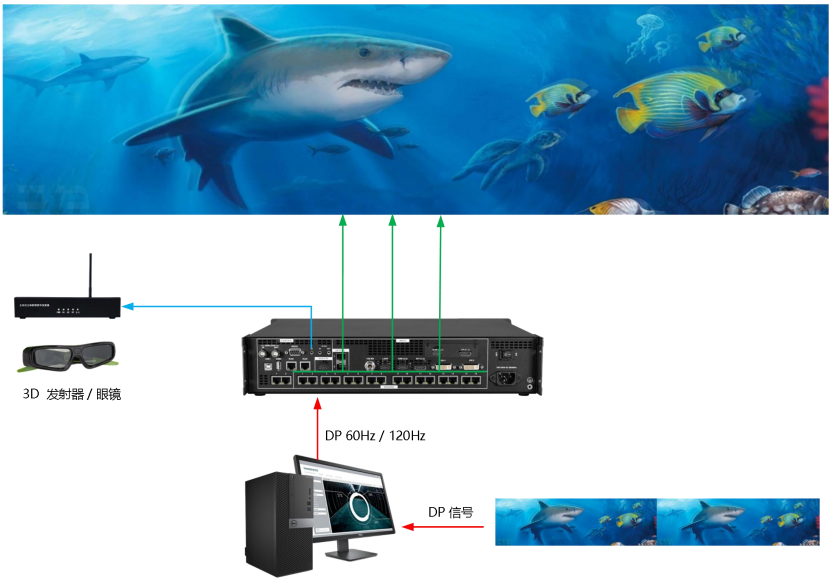



| | | | |
|---|---|---|---|
| Version Information | Firmware Version | Display the local name and firmware version | |
| | Hardware Status | Display the hardware status of various parts of the machine | |
| Subtitle Function | Subtitle Display | "On", "Off" | |
| | Subtitle Selection | Three subtitles can be selected | |
| | Subtitle Adjust | Scrolling Speed | Including "stationary", "speed 1", "speed 2", "speed 3" |
| | | Scrolling Direction | Including 'Left' and 'Right' |
| | | Foreground Transparency | 0-255 |
| | | Background Transparency | 0-255 |
| | | Subtitle Color | Color preset: black background green text, black background red text, black background white text, white background green text, white background red text, white background black text, and user options, users can customize it |
| | | Display Area | Set the horizontal and vertical starting positions of subtitles; Width and height of subtitle display |
| | Reset | Delete saved subtitles | |
| LCD Panel Test Chart | | Test the LCD screen of the machine | |

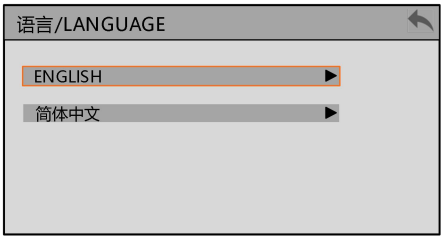
| Card | |
|---|---|
| Restore Factory Settings | Restore this machine to its factory settings, and after confirming to continue, prompt A.C. Restart!!! Power off and restart |
| 3D Setting | 3D Synchronous mode：Side-by-Side、L&R_interlace ,two modes |
| | 3D phase delay: The delay parameter ranges from 0 to 1000. The default parameter is 0 |

**Note：The title function needs to be edited and saved in the upper computer software of the device.**

3D Connection diagram：



## LANGUAGE/语言




| | |
|---|---|
| English | Set the display language of the menu system to English |
| Simplified Chinese | Set the display language of the menu system to Simplified Chinese |

# Warranty

## Machine Warranty Period

- 24 months from the date of the user's purchase invoice;
- If the user's purchase invoice is lost, the 60th day after the production date of this product is the start date of the warranty for this product.

## Non Warranty

- Faults or damages caused by abnormal use reasons such as stains or surface scratches caused by machine immersion, collision, or use;
- Dismantling or modification without our company's consent;
- Failure or damage caused by use in a working environment other than that specified by the product (such as excessive temperature, low temperature, or unstable voltage);
- Faults or damages caused by force majeure (such as fires, earthquakes, etc.) or natural disasters (such as lightning strikes, etc.);
- The product has exceeded the warranty period.