

CineTreak CINELIVE V1 More Than Video Switcher



CineTreak CINELIVE V1 More Than Video Switcher Instruction Manual

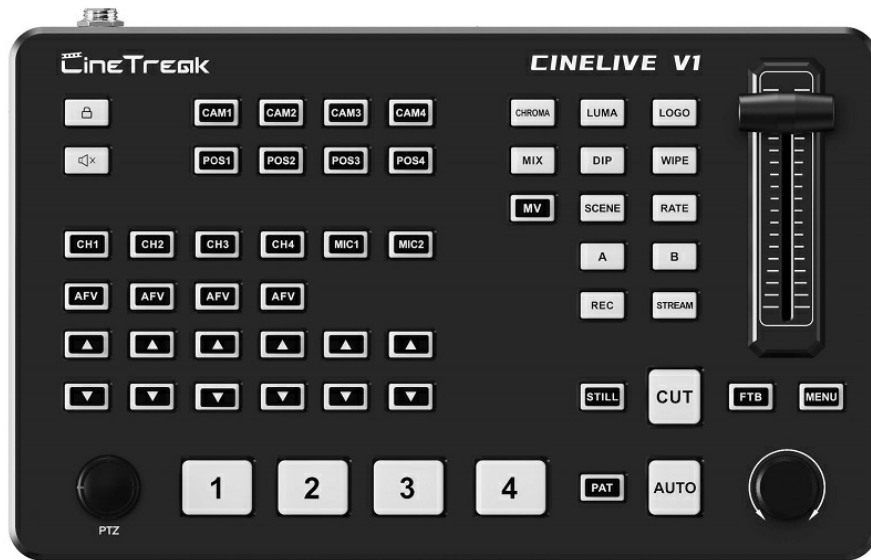
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CineTreak CINELIVE V1 More Than Video Switcher



Product Information

Product Specifications:

- **Model:** CINE LIVE V1
- **Features:** Video switcher supporting vertical & horizontal live-streaming, AUX/PVW output, smartphone/PC control, recording, cine-grade chroma keying, PTZ camera control
- **Manufacturer:** Shenzhen Cinetrek Innovation Technology Co., Ltd.

Product Usage Instructions

1. Setting up the CINE LIVE V1:

Place the CINE LIVE V1 on a stable surface near your production setup. Connect your cameras, microphones, and other devices to the appropriate inputs on the switcher.

2. Powering On the Device:

Plug in the power adapter and press the power button on the CINE LIVE V1 to turn it on. Wait for the device to boot up completely.

3. Selecting Video Sources:

Use the controls on the CINE LIVE V1 to select the video sources you want to use for your live stream or recording. You can switch between vertical and horizontal live-streaming modes.

4. Controlling PTZ Cameras:

If you have PTZ cameras connected, you can control their movement using the PTZ camera control feature on the CINE LIVE V1.

5. Live-Streaming and Recording:

Initiate live-streaming directly from the CINE LIVE V1 to your preferred platform. You can also start recording your production for later use.

6. Chroma Keying:

Utilize the cine-grade chroma keying feature to create professional-looking virtual backgrounds for your live streams or recordings.

Frequently Asked Questions (FAQ):

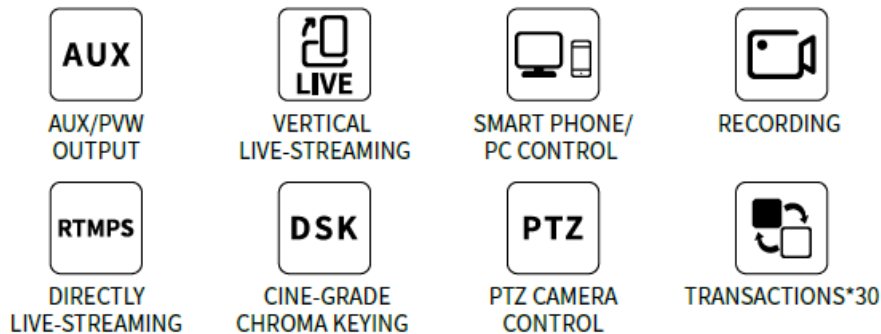
- **Q: Can I control the CINELIVE V1 using my smartphone or PC?**

A: Yes, the CINELIVE V1 supports smartphone and PC control for added convenience.

- **Q: How many video sources can I connect to the CINELIVE V1?**

A: The CINELIVE V1 supports up to 11 video sources, allowing you to create dynamic productions with multiple inputs.

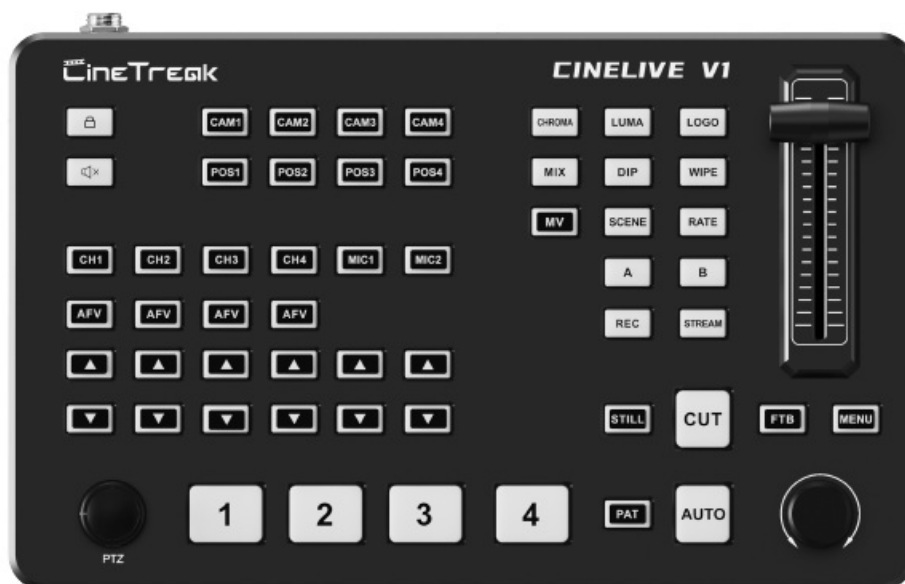
MORE THAN A VIDEO SWITCHER SUPPORTS VERTICAL & HORIZONTAL LIVE-STREAMING



Introduction

Brief

The switcher is designed based on FPGA. It and has digital video effects, a chroma key, flexible PIP/POP, a Logo, and other functions for broadcasting. The switcher supports powerful multimedia functions such as UVC streaming, multi-network streaming, and local video recording. It also has a five-way rocker lo control the PTZ camera.



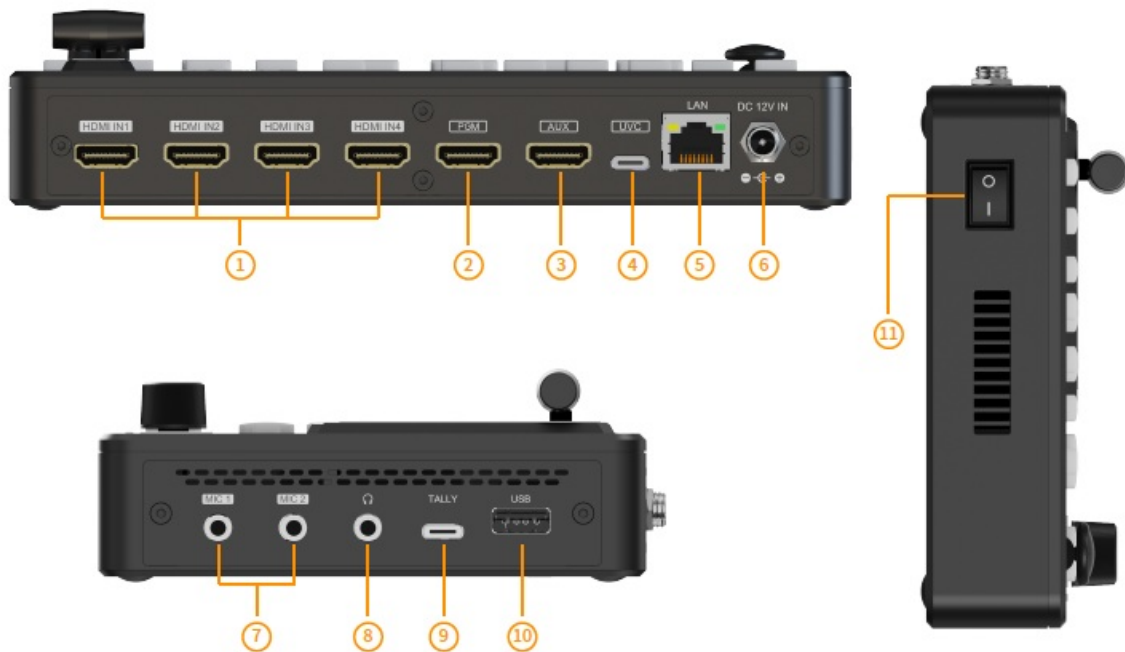
Features

- Easy to carry with mini-size
- Quad HDMI inputs, One PGM and One Aux HDMI outputs, One UVC streaming
- Dual audio inputs. both support Line-in, One audio output, with selectable sources
- T-bar switching, more than 30 effects
- Film grade chroma keying

- The inner media library supports user-defined pictures and imported pictures
- Logo with alpha channel supports PNG format
- Flexible layers switching, each with position, size, chroma key, and mask
- FTB and Picture-freezing
- Five-way rocker for agilely controlling PTZ
- Focus, white balance, and position for PTZ control
- Video recording
- RTMP multi-live broadcast platform streaming, with adjustable code rate and one key streaming
- Agilely control with web on PCs and phones, without additional installation.
- Vertical mode for multiview and streaming

Interfaces

Description



1	HDMI IN x4
2	PGM Outx 1
3	AUX Out x 1
4	USB TYPE-C (UVC streaming)
5	LAN (Web control and network streaming)
6	DC 12V IN (Power supply)
7	Line-In(3.5mm stereos)"2 (Audio input)
8	Line(3.5mm stereos)'1 (Audio output)
9	TALLY extend port. support external TALLY box
10	USB-A (Record video with USB disk, Logo/pictures import, Firmware update)
11	Power switch

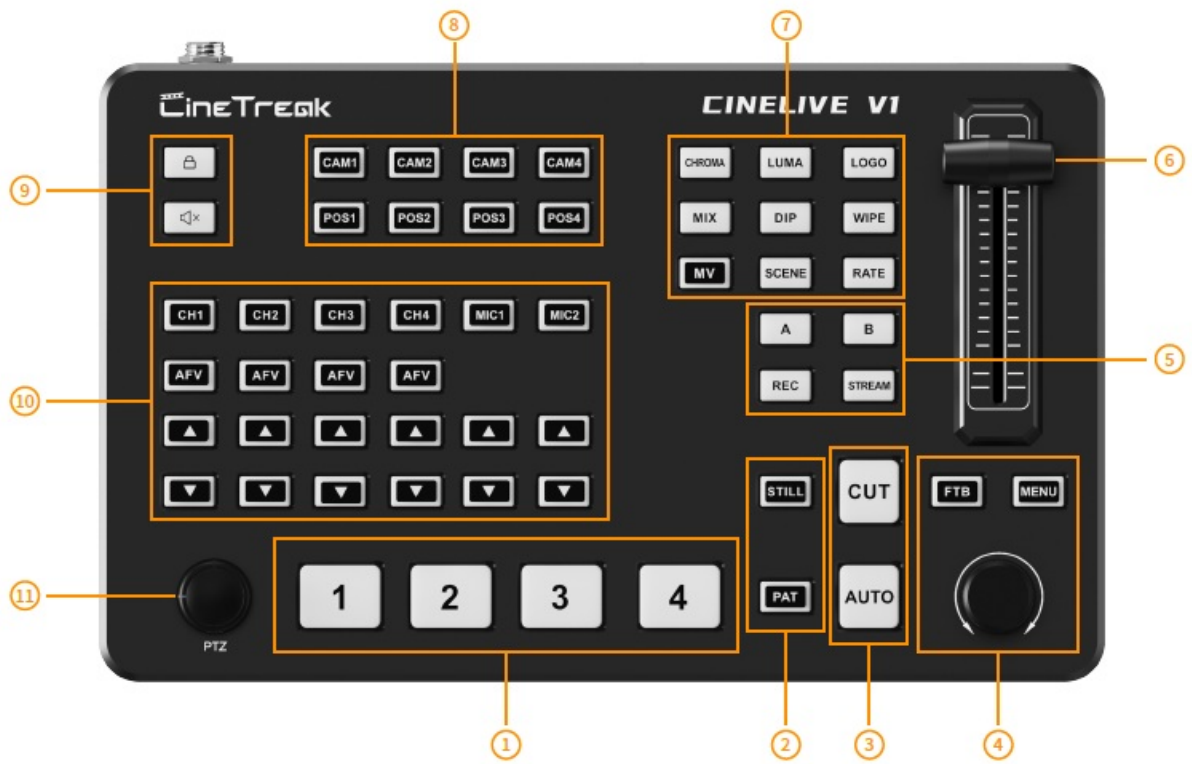
Note 1: Place the upgrade file (.img suffix file) in the directory of the USB drive. Insert the USB drive into the USB port, and the machine will automatically recognize the upgrade file. A prompt will pop up indicating whether to upgrade. Rotate the knob to select YES to upgrade.

Configuration

parameters	
Video Source	HDMI INx4
Video Output	PGMx1 AUXx1 UVCx 1
Audio Input	Line level(3.5mm stereos)x2
USB	USB x 1
Lan	LAN x 1
Power	DC 7-12V S12W
Function	
Switching	T-Bar/AUTO/ CUT
Effects	WIPE/MIX/DIP/PAT/STILL/MUTE/FTB
Layout	Multi Layout format(see 5.4.2)
Keying	Luma Key. Chroma Key
Audio Sources	HDMI x 4 and Line-In x 2;
Audio Delay	0-2s
Media	Importable pictures and logos
Video format	

HDMI Input	1080p 60/59.94/50/30/29.97/25/24/23.98 1080i50/1080i60 720p 60/59.94/50/30/29.97/25/24/23.98 576i/480i/576p/480p
HDMI PGM output	1080p 60/50/30/25/24 1080i50/1080i60
HDMI color format	RGB/YUV
USB streaming	Up to 1080p60
Stream media	H.264 encoder, supports video recording and 2 network streaming, with adjustable code rate
Others	
Power Supply	7-24V
Size (LWD)	200_5•123•45mm
Weight	560g
Temperature	Working: 0°C-50°C, Storage: -30°C-70°C
Accessory	Transformer(12V 2A)x1; USB cable(A To C)x1(Optional); Tally Box(DB-15)x1(Optional); Hand box x1(optional)

Front Panel Description



	PVW:1-4	A, B Layer select for PVW. PVW, PGM source indicator, Green light for PVW, red light for PGM
2	STILL	PGM freezing, red blinking when it's on
	PAT	Select a pattern for PVW
3	CUT/AUTO	CUT: Switch PVW and PGM directly and immediately AUTO, Switch PVW and PGM automatically with preset effect
4	FTB	PGM fade to black, as well as audio mute. Active with red blinking
	MENU	System menu
	Knob	Multifunctional: Menu selection Menu enter Layer size control
5	A/B	A/B layer select key for PVW
	REC/STREAM	REC, Record video.blinking green when it's on STREAM, Streaming. blinking green when it's on
6	T-Bar	Manually switch with T-Bar
7	CHROMA/LUMA	CHROMA KEY, Active with green light LUMA KEY, Active with green light For the same layer.the Keys are exclusive
	LOGO	LOGO enable, green when it's on
	MIX/DIP/WIPE	MIX/DIP/WIPE select, green when it's on
	MV	Aux port, blinking green when it's used as aux Aux sources can be PGM, PVW, IN1, IN2, IN3, IN4
	SCENE	Shortcut menu for scene layout settings, green when it's on
	RATE	Shortcut menu for transition speed

8	CAM/POS	CAM1-4, Camera selection, See 5.5 POS1-4, Camera positioning, See 5.5
	Lock	Lock the front panel, blinking when the lock is on
	Mute	PGM Mute, blinking when it's on
10	CH1-4	Audio enables for HDMI source. Green when it's on
	MIC1-2	Audio enables for line-in. Green when it's on
	AFV	Audio follows the video. Green when it's on
	Δ/∇	Volume tuning
11	PTZ	Multifunctional Five-way rocker

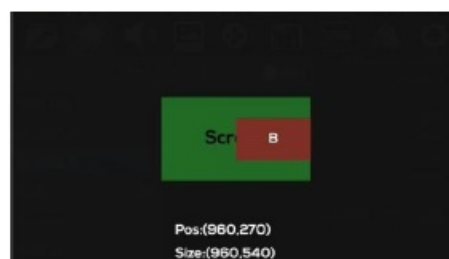
Operation

Transition

- Transition can be controlled by PVW1-4, CUT, AUTO, PAT Keys and T-Bar. PAT,
- Pattern select for current layer in PVW
- PVW KEY 1-4, Source select for current layer in PVW CUT,
- Switch PVW and PGM directly and immediately AUTO,
- Switch PVW and PGM automatically with preset effect T-Bar,
- Switch PVW and PGM manually with preset effect

Layer control

- Both PGM and PVW support up to two layers, Layer A and Layer B. Each layer can be separately configured, including source, size, position, mask and keying.
- A KEY/B KEY, Layer NB control
- Pressing A KEY/B KEY to select or turn off Layer NB. When pressing to select Layer NB, the layer will display on the top layer.
- Five Way Rocker, When Five Way Rocker is idle, user can use it to move the selected layer(Long press NB key and evoke the layer adjustment. Then the position of the layer can be adjust.)
- Menu Knob, When Menu Knob is idle, user can use it to adjust the size of the selected layer(Long press NB key and evoke the layer adjustment. Then the size of the layer can be adjust.)



ON/OFF Function Keys

- LOGO, Set LOGO ON/OFF
- CHROMA, Set chroma keying of the selected layer ON/OFF
- LUMA, Set luma keying of the selected layer ON/OFF REC, Set video record ON/OFF
- STREAM, Set streaming ON/OFF
- STILL, Set freezing PGM ON/OFF

Shortcut keys

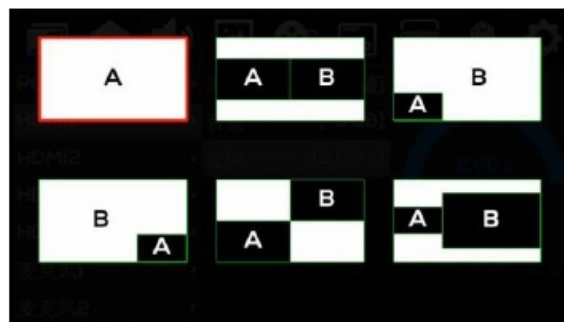
Volume Keys: Fast access audio menu

1. Select the audio channel with Five Way Rocker
2. Adjust the volume of the selected audio channel with Menu Knob or shortcut volume keys on the front panel
3. Set ON/OFF of the selected audio channel by pressing Menu Knob



SCENES: Shortcut menu for layouts

Using the knob to select the desired layout, then press the knob to activate it.



PTZ Control

When there is at least one camera, and the connection is fine, the user can control the camera with CAM1-4, POS1-4, and Five Way Rocker. The operations are:

1. Activate the camera: Press the CAM1-4 Key. The PTZ Control Mode will be active. And the CAM light keeps blinking.
2. Camera Control: When the camera is activated. The le/Vrighl/up/down motion is controlled by the Five Way Rocker. And the Zoom In/Out is controlled by the Menu Knob. Therefore, the user can use both hands to implement camera motion and zoom at the same time.
3. Position Record, After activating the camera, long press the corresponding POS key for 1 second to save the camera position.
4. Position Recall, After activating the camera, press the corresponding POS Key to recall the saved position. The

camera will automatically move to the position.

Lock Key

Long press the Lock Key for more than 2 seconds, and activate the Lock function with the lock light blinking. When the Lock is active, pressing any keys will not take effect. The Lock can keep the working status and prevent from faulty operation. Long pressing again will inactivate the Lock function.

FTB

When pressing FTB, the PGM will fade to black, and the volume of the PGM will fade to mute. When it's on, the FTB light will blink. Press FTB again will exit the function.

Key Leds

Key Leds	OFF	ON	Blinking
LOCK	OFF		Locking
MUTE	OFF		PGM MUTE
PVW1-4	OFF	ON	
STILL	OFF		PGM Freezed
PAT	OFF	Activate pattern as source	
AUTO	OFF	Automatically switching	
FTB	OFF		Fade to Black and mute
CHROMA	Chroma Key Off	Chroma Key On	
LUMA	Luma Key Off	Luma Key On	
LOGO	OFF	Logo On	
MIX		Turn on the MIX transition effect	
DIP		Turn on the DIP transition effect	
WIPE		Turn on the WIPE transition effect	
MV		Multi-screen monitoring	Single screen monitoring
SCENE	Scene Menu Off	Scene Menu On	

RATE	OFF	ON	
A	Layer A unselected	Layer A selected	Configuring
B	Layer B unselected	Layer B selected	Configuring
REC	OFF	–	Recording
STREAM	OFF	–	Streaming
CAM1-4	OFF	–	Activated
POS1-4		–	Saves position when it blinks one time
CH1-4 MIC1-2	OFF	ON	
AFV	OFF	ON	

MVKey

Press the MV key to switch the input interface of the AUX HDMI port. Blinking of the MV key indicates the aux port works in aux mode. In aux mode, the source of the port can be quickly selected by rotating the knob. The source can be selected from IN1, IN2, IN3, IN4, PVW, and PGM.

When monitoring PVW, you can:

- Press and hold the A and B buttons to activate the layer position and adjust it.
- Press and hold the CHROMA button to activate chromaticity matting adjustment.
- Press and hold the LUMA button to activate brightness matting adjustment.


Multiview



1	LOGO	7	Date&Time	13	MIC1 Vol Meter
2	PAT	8	Recording Status	14	MIC2 Vol Meter
3	EFFECT	9	Streaming Status	15	PGM Vol Meter
4	TRANS Time	10	U-Disk Status	16	UMD
5	CAMERA Info	11	Signal Status	17	System
6	ENCODER Info	12	HDMI IN Vol Meter		

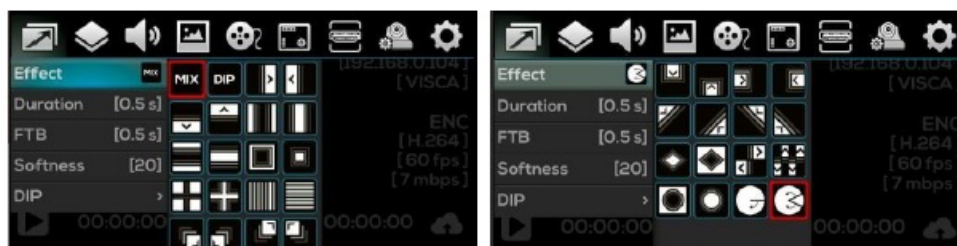
Menu

Transition

- There are transitions including WIPE, MIX, and DIP. The user can trigger a transition by pressing AUTO, or manually control the transition with T-BAR.
- The user can enter the transition menu by pressing Menu Key or rotating the Menu Knob, then selecting  the main menu.

Transition configuration

In the transition Menu, the user can select from MIX, DIP, and WIPE, including more than 30 styles



MIX

Select MIX, configure the transition lime, and then press an AUTO key to get an automated MIX transition.

DIP

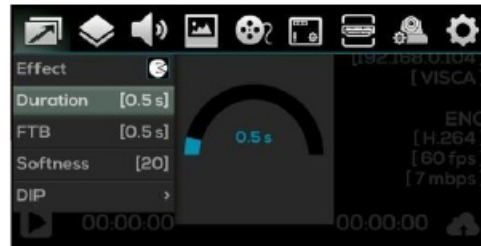
Select DIP, and configure the transition time. In the DIP menu, two styles can be selected. One is DIP with color, and the default color is black. The other is DIP with a pattern, which can be set in the library.

WIPE

Select WIPE, and configure the transition time. In the WIPE mode, there are plenty of styles to be selected, including horizontal, vertical, corner, cross, circle, diagonal, etc. The user can also configure the smoothness. The smoothness can make the edge smoother.

Duration Time

In the transition menu, the user can set the duration time. A larger value of time means the transition will last a longer time, and vice versa. The time range could be 0.1 s-5.0s and the default is 0.5s



FTB Time

In the transition menu, select FTB time, and set the transition time via the menu knob. The time can be 0.1 s-2.0s, the default is 0.5s.



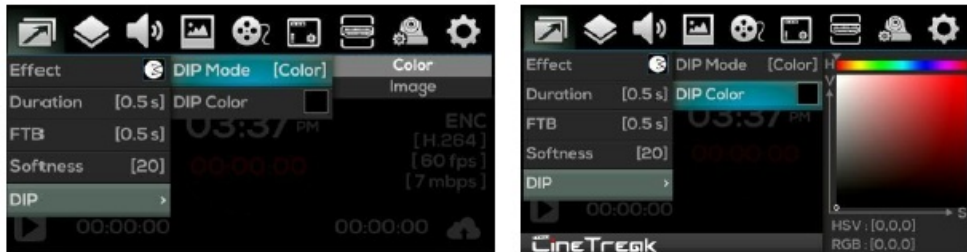
Softness

In the transition Menu, select softness, and turn the Menu Knob to change the softness. A smaller value means a sharper edge, and a greater value means a smoother edge. The range is 0-100 and the default value is 20.



DIP Configuration

Select Dip to set Mode and Color. When selecting color mode, the user can set the dip color. When select Image, the dip will work with the preset background picture.



Layer

The switcher supports NB layers. So it can implement PIP/POP. The size and position can be set as the user needs.



- Click Menu and enter the menu, select

Layer Source

In the Layer menu, the user can select the layer source by turning the Menu Knob. The user can select PVW 1-4 or PAT as the Layer source.



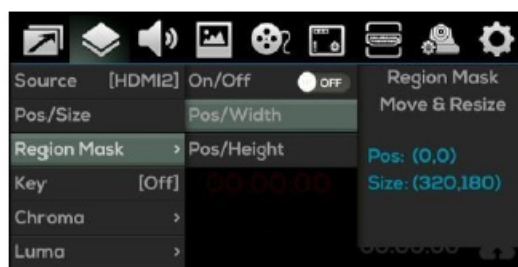
Position/Size

In the Layer menu, the layer size can be set by the Menu Knob, and the position can be set by the five-way rocker. The position and the size information also displayed in the menu



Mask

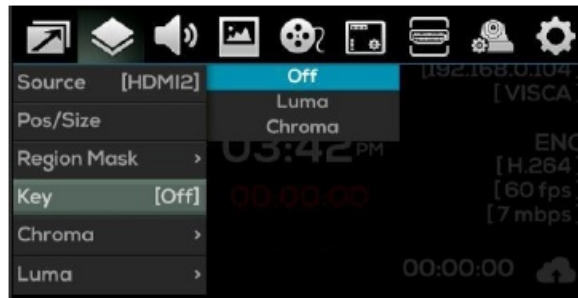
In the Layer menu, the user can set the layer mask. Select Mask and turn it on. Then set the size and position



Keying Configuration

The user can create a lifelike virtual studio with Keying functions in the switcher. The keying function can work on

multi-stream and achieve very good keying results including clean keying, detail retaining, and edge balance, to meet the needs of the users.



Chroma

Chroma Key is commonly used for virtual studios, such as weather broadcasts, news broadcasts, films, gaming and so on. In the studio the presenter is actually standing in front of a green or blue background. In chroma key two images are combined using a special technique and the background color of one image is removed. Then the remaining foreground displays over another image. In the Layer Menu, select chroma key, set the key color, the similarity and smoothness. When pressing CHROMA KEY, it firstly works in PVW, and the CHROMA KEY will light green.



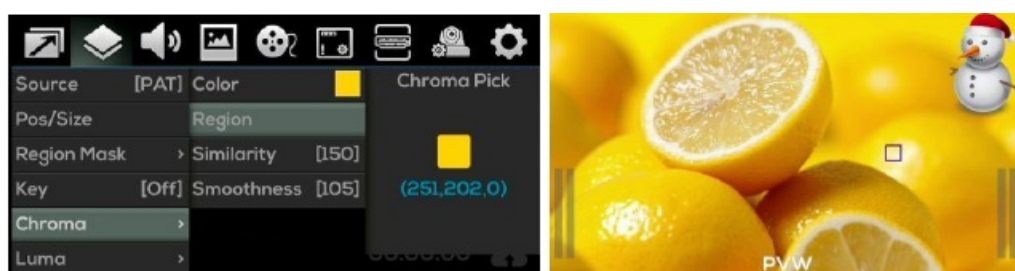
Color

In Chroma Key menu, the user can set the HVS value of the key color.



Region

In the Chroma Key menu. select Region, there is a rectangle in the top layer of A/B. The size of the rectangle can be set by turning the menu key, and the position can be adjust with the five way rocker.



Similarity

In the chroma key, the Similarity adjusts the color range from the set key color. The greater value means a wide key range. The default is 0.

Smoothness

In the chroma key, the Smoothness can help to remove the background very close to the edge of the foreground. It's useful to get a clear edge of the foreground, without any annoying artifacts visible. The greater value of smoothness means more clearer and smoother edge. The default is 0.

Luma Key

- The luma key uses luma value to get a luma matte of the foreground video, which removes away the black background of the foreground video. The remaining will be displayed over another background video.
- In the Layer Menu, select the luma key, and set the min, max, reverse, similarity, and smoothness.
- When pressing LUMA KEY, it firstly works in PVW, and the LUMA KEY will light green.



Min/Max

- The Min/Max adjusts the range of the luma key. And the luma value of the foreground video, out of the range, will be keyed away. The range is 16-235 and the default is 16.
- The Reverse keys away the luma value out of the range from min to max.

Similarity

In the luma key, the Similarity adjusts the color range from the set key luma. The greater value means a wide key range. The default is 0.

Smoothness

In the luma key, the Smoothness can help to get a smoother edge. The default is 0.

Audio

Support audios from 4 HDMI sources and 2 3.5mm line-in sources. Each source has separate enable, volume, mix, and delay control. The HDMI sources can be AFV.

- Audio channels can be set in Menu



PGMAudio

- There switcher supports up to 6 channels audio mix, including 4 hdmi audio and 2 line-in.
- In the PGM, the Mute will turn off the audio in the PGM. The Volume range is -60dB to 0dB. The default is 0dB.



HDMI Audio

In the Audio Menu, 4 HDMI sources can be set.

Mix Mode

- The mix mode can be Off/On/AFV. The default is AFV.
- When set as AFV, the source audio will be active only when the video is also displayed in PGM.



Volume

The volume of each source can be adjusted separately. The range is -60dB to 0dB. The default is -6dB

Audio Delay

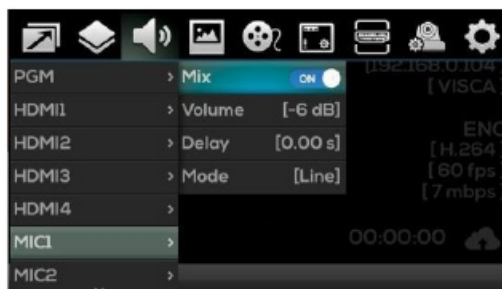
The audio delay of each source can be set separately. Adjust the delay and keep the synchronization between the audio and the video. The max delay is 2 secs. The default is 0 sec.

Mic1/Mic2

In the Audio Menu, Mic1/Mic2 can be set. The Mic source can be a linear audio device, desktop audio, lapel microphone, and so on.

Mix mode

User can turn on or off the mixer. The default is on.



Headphone

There is a headphone output in the switcher. Users can monitor the audio of the headphones. The source of the headphones can be PGM audio or any source of HDMI and Mics. The default source is PGM audio. The volume of headphones can be adjusted, and the range is -60dB to 0dB. The default is -6dB.



Image

- In the Image, the pattern, and logo can be set.

- Pressing MENU, select 

Background

In the Image, select Image to show the pictures.



Image Selection

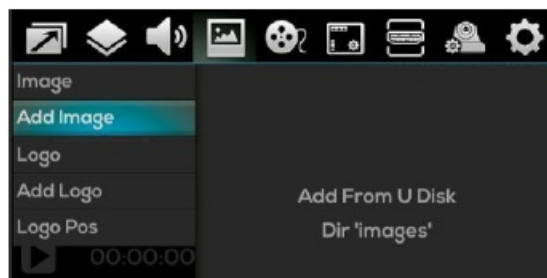
Select the image by turning the Menu Knob, then press the Knob. Select IMG1 at the bottom and press the Knob. The image is set as the default background Pattern.

Image Deletion

The operation is similar to Image Selection. The difference is select DEL at the bottom.

Add Image

- Images can be imported from U-Disk. Insert U-Disk and there will be a USB icon at the bottom.
- **Note:** The max resolution is 1920×1080



LOGO



- **LOGO Select**

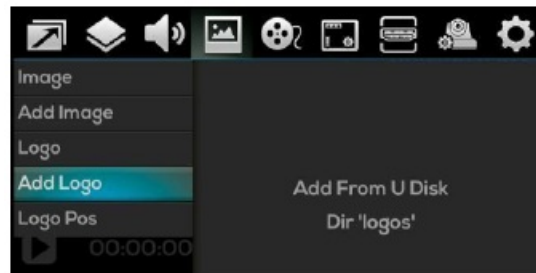
In Logo configuration, select LOGO and load preset LOGO.

- **LOGO Delete**

Select the preset LOGO with the Menu Knob, then press the knob. Select DEL at the bottom of the menu and delete the LOGO

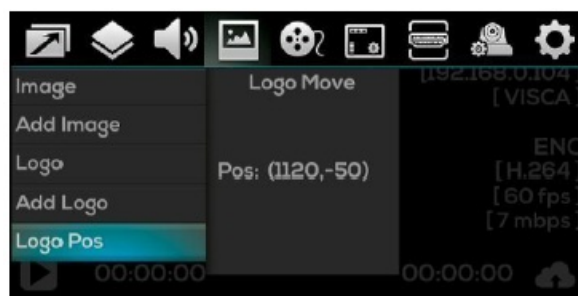
- **Add LOGO**

- Save LOGOs in the “logos” directory in the USB-disk, insert the USB-disk and there will be a USB icon at the bottom of the status/menu page Then add the logos from the logo add menu.
- The size of the logos should not be larger than 960×540. And formats such as *.png, *.jpeg *.jpg, *.bmp are supported.




- **LOGO Position**

In logo position, adjust the position of the logo with the five-away rocker.



Multi-Media

- In the multi-media, users can check and adjust the encoder, network streaming, recording,
- Press MENU and then select 

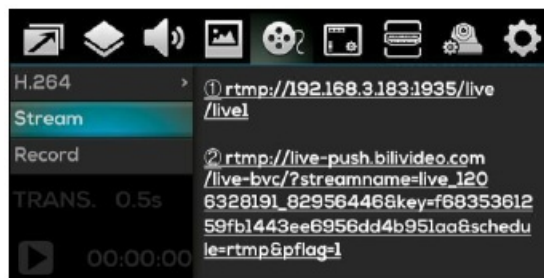
H.264

In the encoder, there are framer rates and the code rate can be adjusted. The range of frame rate is 10-60, and the range of code rate is 1 Mbps-30mbps. The default frame rate is 60, and the code rate is 5mbps.



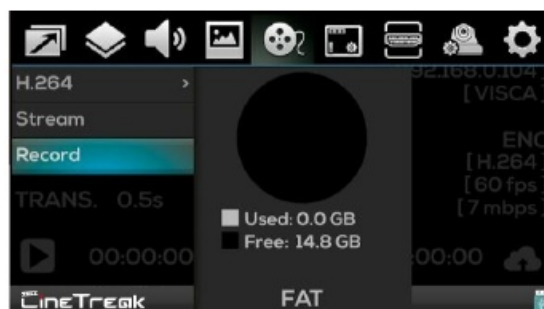
Stream

In Multimedia Settings, select Stream. Two streaming addresses can be saved in network streaming. Click STREAM to start streaming. If the streaming address is available, the STREAM button flashes green and starts streaming, and the streaming address is displayed in green. If the streaming address is abnormal, the streaming address is displayed in red and the STREAM button is off. (Note: if the output is set to i mode, streaming is not allowed) The streaming address is configured through the Web host computer.




Record

- The switcher records the picture and sound of PGM into the “video_rec” folder on the USB flash drive.
- Support the USB flash disk format of FAT32 and NTFS (FAT32 can record 4G video at most)
- When a USB key is inserted, a USB icon will appear at the bottom of the status/menu page. In Multimedia Settings, select Record to display the used capacity and available capacity of the USB flash drive. Click the REC button to start recording. The file name of the recorded file will appear below the pie chart, and the REC light will flash. Press REC again to stop recording.
- **Note:** The system will automatically stop recording when the capacity of the USB flash disk is insufficient;
- The recording will stop automatically when the FAT32 USB flash disk is 4G in size;
- When the recording is not stopped normally (for example, the recording power is interrupted, and the USB stick is unplugged), the recording file cannot be used normally



Screen Monitor

- In the screen monitoring, you can operate the audio meters, input information, and UMD.

- Press Menu and select 

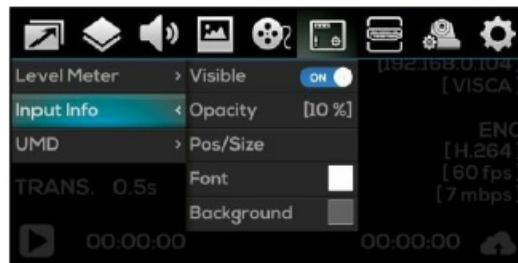
LevelMeter

Enter the screen monitoring settings and select the level meter. The levelmeter of four HDMI two MIC and PGM can be turned off and turned on at the same time, or can be set separately.



Input Information

Enter the screen monitoring setting, select the input info, and you can set the information of the four HDMI input signals to turn on and off, font color, etc



1. Visible

Turn on the Visible and display the information of four HDMI input signals. Otherwise, turn off the Visible, and close the information.

2. Opacity

Opacity sets the opacity of the background of the four HDMI input information displays, ranging from 0% to 100%.

3. Position/Size

Enter the screen monitoring selling, select the input information – position/size, control the size of the resolution display through the knob, and control the display position of resolution through the PTZ rocker.

4. Font Color

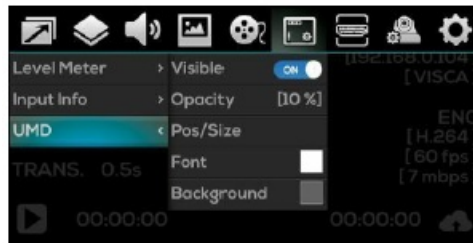
Enter the screen monitoring settings, and select the input information font color to customize the font color of the input information.

5. Background Color

Enter the screen monitoring settings, and select Input Information – Background Color to customize the background color of the input information.

UMD

Enter the screen monitoring settings, select UMD, and you can set the opening/closing, font color, etc. of UMD in PVW and PGM windows



Visible

Turn on the Visible and display the information of PVW and PGM. otherwise, turn off the Visible, and close the information.

Opacity

- Opacity sets the opacity of the background of the UMD, ranging from 0% to 100%. 7.6.3.3 Position/Size
- Enter the screen monitoring setting, select the UMD – position/size, control the size of the resolution display through the knob, and control the display position of resolution through the PTZ rocker.


Font Color

Enter the screen monitoring settings. and select the UMD font color to customize the font color of UMD.

Background Color

Enter the screen monitoring settings, select UMD – Background Color to customize the background color of the UMD.

Output

- In the menu, the output format and color can be set.
- Press MENU and select 

Mode

Enter the output setting and select the mode. You can select different output modes through the knob. The default is 1080p60.



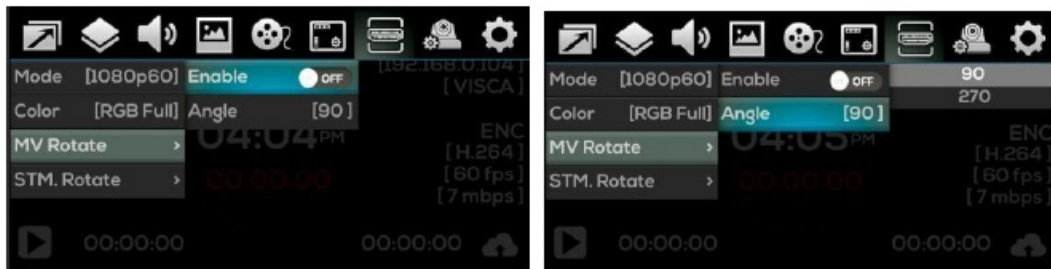
Color

Enter the output setting and select the color. You can select different color modes through the knob. The default is RGB Full.



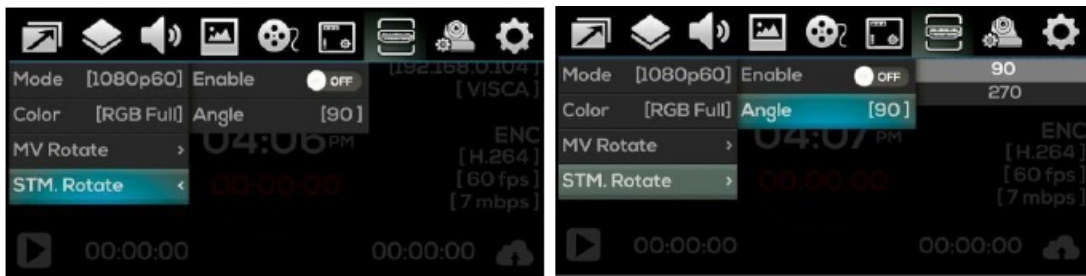
MV Rotate

In the output menu, select MV Rotate, select the angel (90,270), turn on the function and the multiview will work in vertical mode.




STM. Rotate

In the output menu, select STM. Rotate, select the angel(90,270), turn on the function and the streaming will work in vertical mode.



Camera

- The switcher supports the VISCA camera control protocol. The rocker and knob can be used to quickly and conveniently control camera movement. At the same time, camera focusing, exposure, white balance, and other parameters can be set in the camera menu.
- In addition, it also supports the camera position storage function, which can be quickly recalled (see “5.5 Camera Control Operation”).
 - The camera menu can be accessed by entering the menu -> 

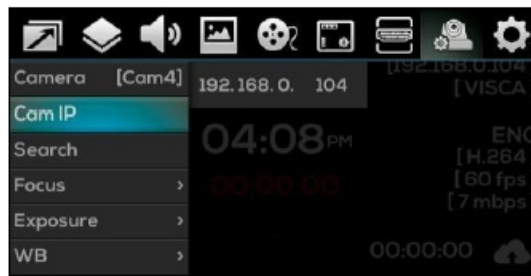
Camera Select

Enter the camera settings, select the camera, and use the knob to select the camera to be set.



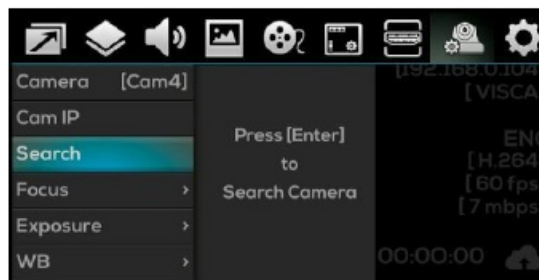
Camera IP

Enter the camera settings, select the camera IP and the IP address of the camera is displayed. You can manually set the IP address.



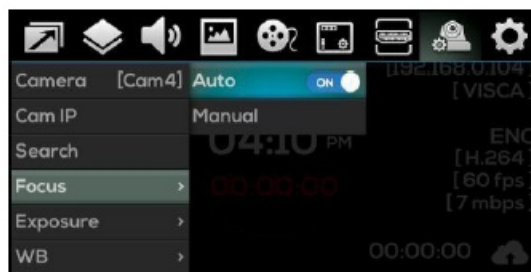
Search

Enter Camera Settings, select Search, and all found camera IPs in the same LAN will be displayed. Select the camera IP through the knob



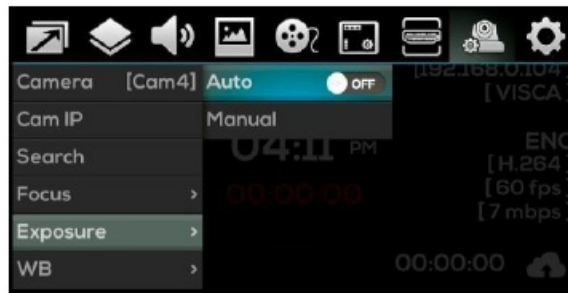
Focus

Enter the camera settings and select Focus You can set autofocus and manual focus. Manual focus can be set through the knob



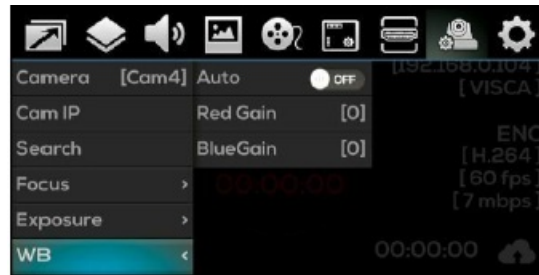
Exposure

Enter the camera settings and select exposure to set automatic exposure and manual exposure. Manual exposure can be set through the knob.




White Balance

Enter the camera settings, select white balance, and you can set automatic and manual gain. For the manual, you can set the red gain and blue gain through the knob. The gain range is 0-255.



Setting

Press MENU, then select 

System Setting

Select system settings to set the system of the switch station, including the settings of language, backlight, fan, and reset.

Language

Enter the system settings, select the language, and select the language with the knob.



Fan

- Enter the system settings, select the fan, and select the fan mode through the knob. The default is automatic mode.
- Automatic mode: the fan speed is controlled according to the working temperature. The higher the temperature, the faster the speed.
- Off mode: turn off the fan and switch to automatic mode only when a certain temperature is reached.
- On mode: the fan is always on.



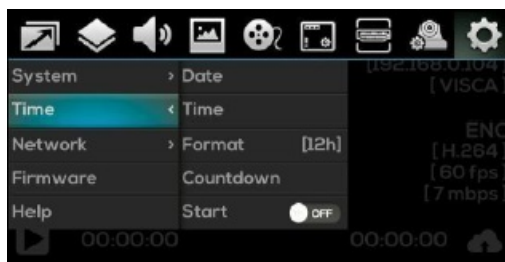
Reset

Enter the system settings, select Reset, select On through the knob, and the switch station will perform the reset operation. After reset, all configurations will be cleared



Time Setting

Enter the time setting to operate the time, date, countdown, etc.



1. Date

Enter the time setting, select the date, and set the date manually.

2. Time

Enter the time setting, select the time, and set the time manually.

3. Time Format

Enter the time setting, select the format, and the time can be set to display in 12h/24h format on the status page,

4. Countdown

Enter Time Setting, select Countdown, and set the countdown time.

5. Start Countdown

After the countdown time is set, select ON in the start countdown to start the countdown. The countdown is displayed on the status page.

Network

In Network Settings, you can select to automatically obtain the network IP or manually set it.



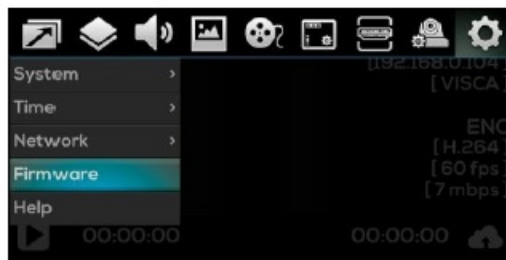
Remote

In the network, click remote, scan the QR code with WeChat and the link will jump to the web server.



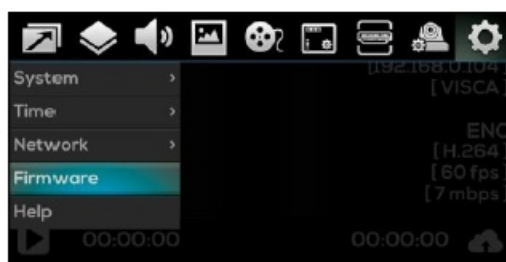
Firmware

Enter the firmware settings and scan the QR code to display the ID number and Version number.



Help

In the help menu, scan the QR code to get to the help page.



Upper Computer

Connect the upper computer

Using PC

Confirm that the computer and The switcher are connected to the same LAN by automatically obtaining or manually setting the network IP address of The switcher. Open the browser on the computer side, enter the IP address of The switcher press Enter to connect, and enter the home page of the upper computer, namely the switch page.

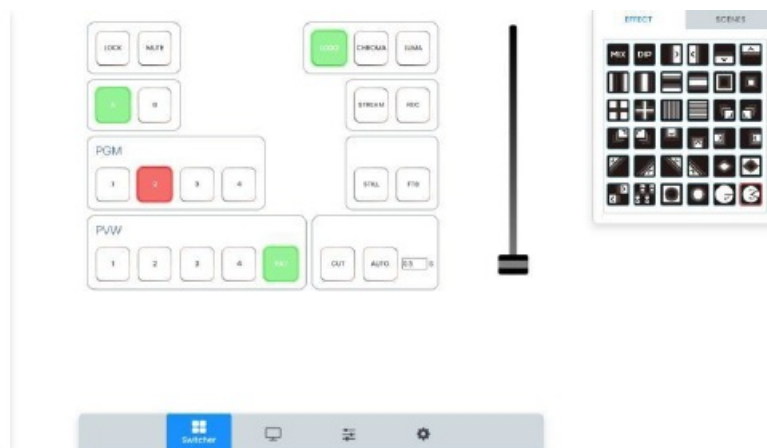


Using Phone

Ensure that the mobile phone and The switcher are on the same LAN. In the mobile browser, enter the IP address of The switcher and open it to connect to the upper computer.

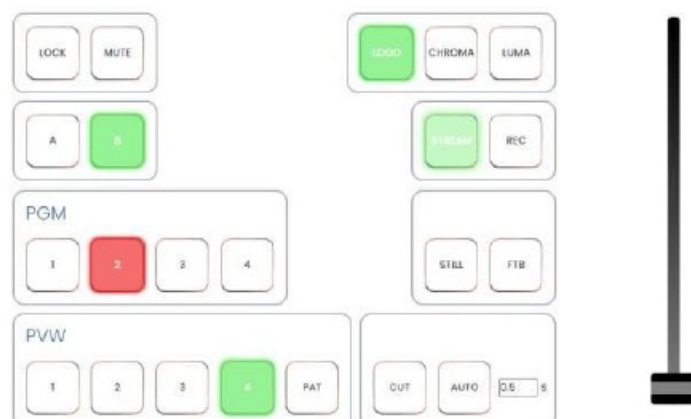
Switcher Setting

Enter the switch station setting page of the upper computer to control the switch station



Front Panel

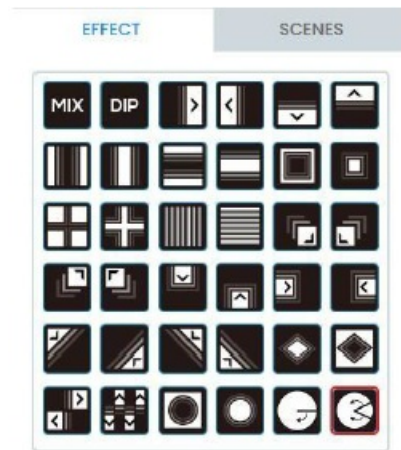
The front panel of the switching table contains buttons and push rods. Click the button to control the corresponding button on the switch table and set the transition lime; Push the push rod to execute the push rod transition operation



EFFECT

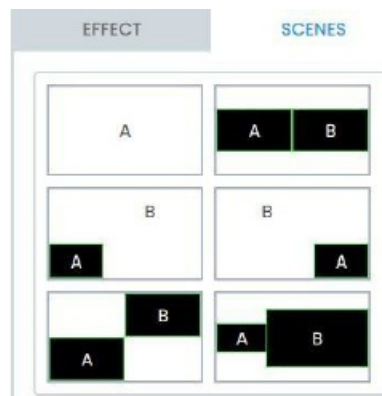
Enter the setting page of the upper computer, and click the transition effect in the EFFECT on the right to select the

corresponding transition effect.



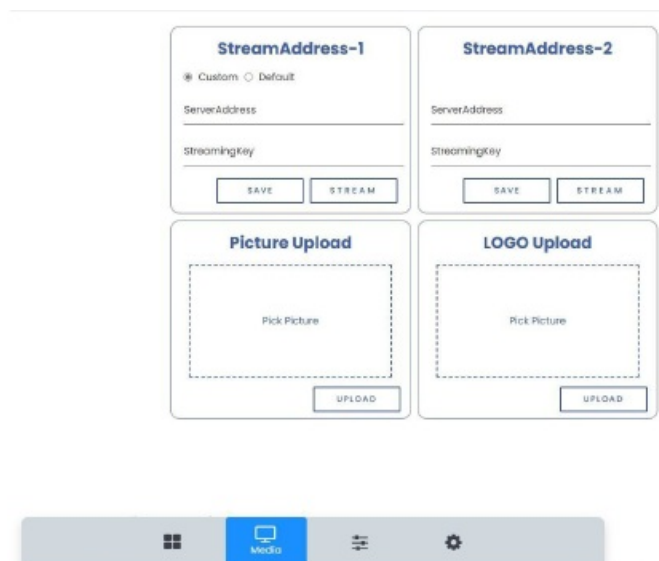
SCENES

Enter the switch station setting page of the upper computer, click SCENES on the right to select different scene layouts.



Media Setting

Click the media module on the upper computer page to enter the media setting page, where you can set streaming, upload pictures, and upload LOGOs

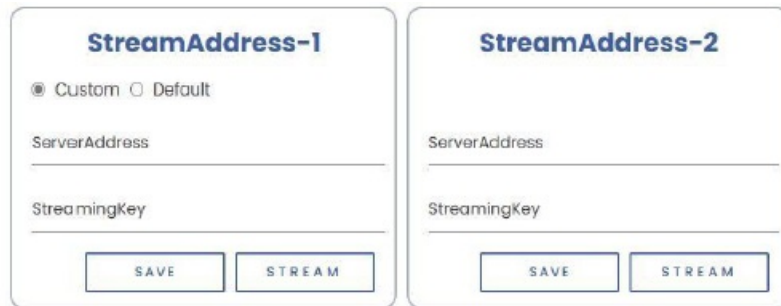


Streaming Setting

Streaming Address

Custom streaming address:

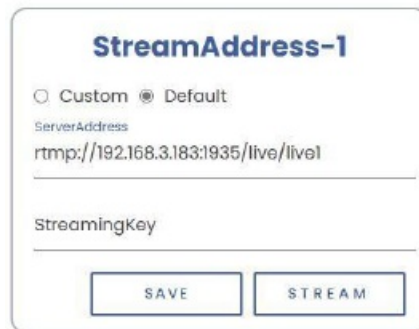
Enter the media settings page, enter the streaming server address and streaming secret key (for streaming of live broadcast platforms such as Station Band Tiger Teeth) in Streaming Address-1 and Streaming Address-2, and click Save to save the streaming address to The switcher Settings Multimedia Network Streaming; Click the push stream button to push the stream.



The image shows two side-by-side form panels. The left panel is titled 'StreamAddress-1' and the right panel is titled 'StreamAddress-2'. Both panels have a radio button interface with 'Custom' selected and 'Default' unselected. Below the radio buttons, there are two text input fields: 'ServerAddress' and 'StreamingKey'. At the bottom of each panel, there are two buttons: 'SAVE' and 'STREAM'.

Default streaming:

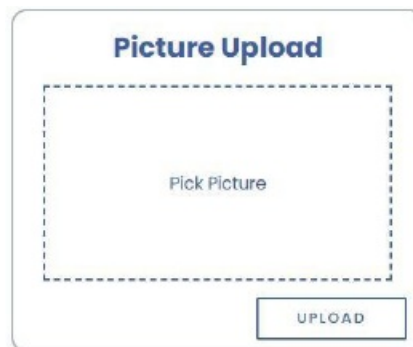
Enter the media settings page, select the default streaming address – 1 (for local LAN streaming), and click the Save button to save the local streaming address to the address 1 in The switcher – Settings – Multimedia – Network Streaming; Click the push stream button to push the local stream.



The image shows the 'StreamAddress-1' form panel. The 'Default' radio button is selected, while 'Custom' is unselected. The 'ServerAddress' field contains the text 'rtmp://192.168.3.183:1935/live/live1'. The 'StreamingKey' field is empty. At the bottom, there are 'SAVE' and 'STREAM' buttons.

Picture Upload

Enter the media settings page, in the picture upload box, click to select a picture, select the picture to upload, and click the Upload Picture button to upload the picture to The switcher and automatically set it as a background picture.



The image shows the 'Picture Upload' form panel. It features a large dashed rectangular box in the center with the text 'Pick Picture' inside it. At the bottom right of the panel, there is an 'UPLOAD' button.

LOGO Upload

Enter the media setting page, in the LOGO upload box, click to select a picture, select the LOGO picture to upload, and click the Upload Picture button to upload this LOGO picture to The switcher, and automatically set it as the current LOGO.



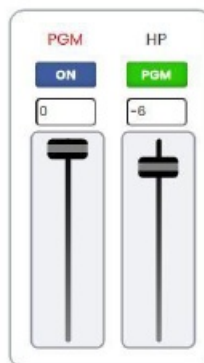
Audio Setting

Click the audio module on the upper computer page to enter the audio setting page to set the audio for PGM, headset (HP), four inputs (IN1-4), and two microphones (Mic1-2).



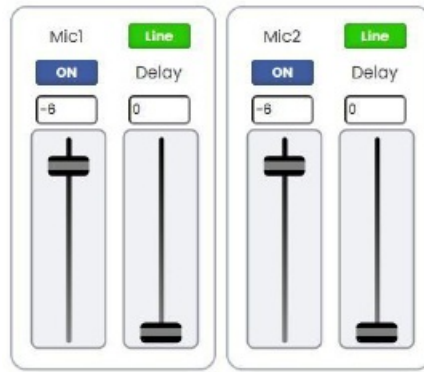
PGM/HP

Enter the audio setting page to set PGM mute and PGM volume; HP source selection, and HP volume settings.



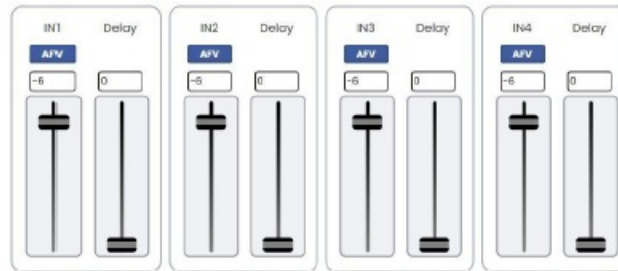
Micphone Audio Setting

Enter the audio setting page to set Mic1/Mic2 mixing, volume, delay, and mode.



Quad HDMI Audio

Enter the audio setting page to set IN1-4 (4-way HDMI input) mixing, volume setting, and delay setting.



Update

Click Update on the upper computer page to enter the Update setting page, where you can Update the operating system and EDID.



System Update

On the update page, click the File button in the system update, select the file to update, and click Update to perform the update operation.



EDID Update

On the update page, click the File button in the EDID update, select the file to update, and click Update to perform

the update operation.



Transitions

Enter the upper computer page, and click TRANSITIONS on the left to set the transition, including the transition duration setting (Speed), black field duration setting (FTB Speed), flexibility setting (Softness), immersion color setting (Color), and immersion mode setting (DIP Mode).

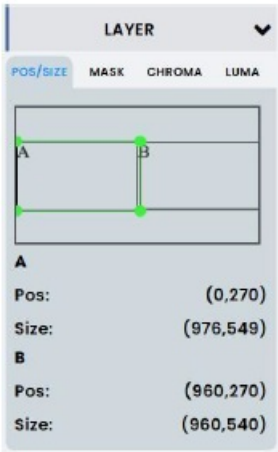


Layer

Enter the upper computer page, click LA YER on the left to set the layer, including layer position/size setting (POS/SIZE), mask setting (MASK), chroma key setting (CHROMA), and brightness key setting (LUMA).

Layer Position/Size

Enter the upper computer page, click LA YER on the left, enter POS/SIZE, select NB layer, press and hold the left mouse button in the box to move, and then set the layer position; Press and drag the left mouse button at the four corners to set the layer size.



MASK

Enter the upper computer page, click LA YER on the left, click MASK, and select trun off/on the region mask.



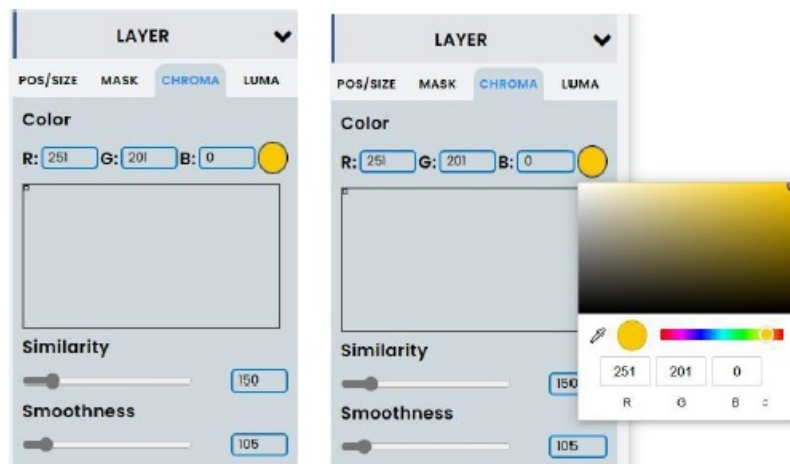
Region Mask

In the upper computer, click layer then click mask, select region mask, and select the mask region.



CHROMA Key

Enter the upper computer page, click LAYER on the left, and click CHROMA to set the color, similarity, and smoothness.



LUMA Key

Enter the upper computer page, click LAYER on the left, and click LUMA to set the minimum brightness, maximum brightness, inversion, similarity, and smoothness



Setting

Enter the upper computer page and click SETTING on the left to set the system, time, and network.



SYSTEM Setting

Enter the upper computer page, click SETTING on the left to enter SYSTEM, where you can set the fan, vertical monitoring, vertical streaming, and language settings. Click the reset button to reset the settings.

MV Rotate Angel

- In the system setting page, select MV Rotate
- Angel(90,270), turn on the MV Rotate Enable and the multiview will work in vertical mode.

STM.RotateAngel

- In the system setting page, select STM. Rotate
- Angel(90,270), turn on the STM. Rotate Enable and the streaming will work in vertical mode.

TIME Setting

Enter the upper computer page, click SETTING on the left, and click TIME to set the time format (FORMAT). The date and time are obtained from the computer system by default.



NETWORK Setting

Enter the upper computer page, click SETTING on the left, and click NETWORK to set the network. Open DHCP

to automatically obtain the network IP; Close DHCP, enter IP, subnet mask, and gateway, and click Modify to manually set the network IP

SETTING

SYSTEM TIME NETWORK

DHCP ☒

IP

192 . 168 . 0 . 177

Subnet Mask

255 . 255 . 255 . 0

Gateway

192 . 168 . 0 . 1

Submit

Appendix

Appendix A: Accessories

(The picture is for reference only, please refer to the real object)

1. Transformer(12V 2A)x 1 thread
2. USB (A to C)x 1(optional)
3. Tally box (DB-1 S)x 1 (optional)

Appendix B: Safety and Needs

- Before operating the machine, please read this manual and keep it properly for future reference.
- Do not open the cover by yourself to avoid damaging the machine.
- Please unplug the power when the machine is not used for a long time.
- To reduce the risk of fire or electric shock, please do not let the machine be exposed to rain, dampness, or liquid flow into the machine. The machine is not dust-proof, moisture-proof, and waterproof.
- Please keep good ventilation of the machine and do not block the ventilation of the machine.
- Please do not put heavy objects on this machine.
- To maintain high-definition audio and video, please use high-quality signal cables and connectors.
- The input voltage range of this product's power supply is 7~24V, please use the correct power supply.
- The working temperature of this product is 0 'C-50 -c, please use within this temperature range; The storage temperature is – 30 'C-70 -c, please store within this temperature range.
- This product is an electronic product. Please keep away from fire sources, water sources, and flammable and explosive dangerous goods.
- If any abnormality is found, please turn off the power switch immediately and contact the dealer. Do not repair the equipment by yourself.

Contact Us

- **Facebook:** Cinetreak Technology
- **Instagram:** Cinetreak_global
- **Website:** www.cinetreak.com
- **E-mail:** support@cinetreak.com.



Documents / Resources



[CineTreak CINELIVE V1 More Than Video Switcher](#) [pdf] Instruction Manual
CINELIVE V1, CINELIVE V1 More Than Video Switcher, More Than Video Switcher, Than Video Switcher, Video Switcher, Switcher

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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