LIVER STATION

introduction



CATALOG

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- \sim precautions for use

• The default resolution required to use this system is 1920*1080, and the

broadcast resolution is 1920*1080;

•Operation system:Windows 10 X64 ;

•Disk C is the system disk, Disk D andE are data disks, and Disk F is used as the

system backup disk;

•If the system fails, please restore it with the system backup file (GHO file

under F drive);

•To ensure the maximum performance of system operation, please set high

performance in the system power options;

•When cleaning the device, gently wipe the housing and panel with a dry

cloth. If the equipment is very dirty, wipe it with a cloth soaked in a small

amount of neutral detergent, and then wipe it dry. no alcohol, thinner,

insecticide or other volatile solvents, anything could deform the shell or

damage the surface;

• Packing the equipment in the original packing box or similar packing box

during transportation can reduce the strong vibration of the equipment;

•Thank you very much for using our company's 3D virtual studio system. To

reduce the risk of fire or electric shock, please do not let this equipment

get wet or wet. Do not disassemble the case, and maintenance should

only be carried out by qualified maintenance personnel. To avoid

misoperation, please read this manual carefully;

二、software operation using introduction

1.Start the virtual software Display the main interface of the software

.Double-click the KIND logo icon to enter the virtual system software.



2. Scene thumbnail preview



Through the scene preview shown in the above figure, different types of scenes can be selected for application according to the graph. Click the corresponding scene and drag it to PVW to preview, and then configure the corresponding attributes of the scene in the matting interface and the customed interface.



3.image matting interface

First, select the corresponding camera to be cutout on the top, and the preview image on the right will display the image to be cutout. Click enable image matting. Click the background color of the right preview image with the mouse to complete the matting. Then, you can fine tune the cleanliness of the background through the background settings such as transparency and advanced settings. Theoretically, the darker the background color, the cleaner the matting.

Resources		None	•	tv01	None	•	tv02	None	tv03	None	•
Keying Custom		None Channel 1 Channel 2 Channel 3 Channel 4 Channel 5									
Switch	None	DDR1 DDR2 None		None	None	-	None	Nope		None	.
Mixer	None	Hone		Hone	THORE		None	None		Thomas	
Subtitles											
Live											

4.Scene customation area

Above, PVW scene in the custom editor interface, the interface shows PVW scene with attributes in the process of the prison state interface, the interface shows the scene of the host and the basic attributes of TV wall, can by clicking on the drop-down list in the properties of the custom each, according to the material in the preview PVW scene in PVW custom after the completion of the application through T push rod PGM

5. Software switching interface

Resources																
Keying															_	
Custom	CAM	CAM2	CAM3	CAM4	CAM5	CAM6	CAM7	CAM8			SOU1	SOU2	SOU3	SOU4	CUT	
Switch																
Mixer	CAM	CAM2	CAM3	CAM4	CAM5	CAM6	CAM7	CAM8			SOU1	SOU2	SOU3	SOU4	ТАКЕ	
Subtitles																
Live																

The figure above shows the software scene switch buttons of PGM and PVW. The top row of red buttons controls the lens switch of PGM scene and the bottom row of green buttons controls the lens switch of PVW scene. The TAKE button is the function button of fading in and out of the software, C key is the selection button of thumbnail of virtual lens of double scene, and CUT is the double scene switch key

6.software mixer

Resources	Delay	Delay		Delay C	Delay c	Delay c	Delay C	Delay c	Delay C	Delay C	Delay C
Keying											
Custom	L R		R	L R		L R	L R	L R	L R	L R	L R
Switch	0db 0db	0db ()db	0db 0db	0db 0db	0db 0db	0db 0db	0db 0db	0db 0db	0db 0db	0db 0db
Mixer	Realtek Au	□Mono		nac/rca¥ ∎V+a ⊑	MAC/RCA ■ V+A ■	K ➡ MAC/RCA¥K	n Mac/RCA¥ n Mac/RCA¥ n Mac/RCA¥	⊡Mono≰: sout	⊡Mono 4	⊡Mono ≰:	⊡Mono≰: SOU4
Subtitles	VA2478-H-2 (2- Realtek Digital (NVIDIA Hi Dutput (Re	altek	i idio1	Audio2	Audio3	Audio4	3001	3002	3003	5004
Live											

Above for software mixer Settings interface, all above options can be the voice of the corresponding signal voice and delays to the size of the editor (default) without debugging, via a drop-down list as shown in the above can choose the main output to sounds, speaker output, for the local SyncMaster and SyncMaster 0 to 8 for the local hdmi and expand the hdmi sound output options

Resources	Subtitle	Refresh
Keying	1 3 bluenews congratulation damiond	
Custom	4 5 6	
Switch	dve dve dve happysub	
Mixer	7 8 logosub misey	
Subtitles		Kaidi thank you!
Live	Logo Create Edit Clear	4930

7.Subtitle editing interface

The picture above shows the keying editing interface. The 2019 subtitle function has been upgraded to the ALPHA channel special effect online packaging function. This online packaging function includes the logo function and the alpha channel special effect subtitle function, which can be used in double layers.

Click the logo button as shown below to add a logo and create a logo to the video



CG subtitle function is mainly used to create logo and clock display. The figure below shows the CG editor

KDCGE011-300	ues manager	~
Her	Open Serie Sorale Sets lare Cenni	
Add Text		Start Previes
Add Picture		op Preview
Add Cleck	Input Toxt	
Del	input rexy	
÷		
L		
	Tetta stars and	
106 T	a de la de l	
Falight 193		

Click the edit button to enter the Alpha Channel special effects subtitle editing template as shown in the figure below

🕞 KDCGEdit2-Online p	backaging r	nanager									
newssub.tdr Add	Del	All Start	All Stop	All Apply->	Load	Save	Save As				Preview
									Name	Start	Duration
									🗹 Text	0	0
	5 10	Kaidi	thank ye	ou!							
	10										
										t	+
	_	_	-	-					4		
Name: Text				Apply	Star	t Stop					
-Text Config									t Config		
Kaidi thank you!				🔺 🗹 Border	Alpha Alpha	· 1—		Show/Hi de	Effect: Fade	out/in ·	
				×.		-[
Font	Alpha	1		Gradient	Alpha	1			t Delay: 0	(Sec.)	
Text Aera	tov(Pizel)	: hor 5	Ver n		Direction				uration: 0	(Sec. 0)	dways Show)
Parth Carfie		5									
	Media	E Monio	1	\443270 VT-hi	86 0	in Config	Alpha	1			
				, 1302.70_7J3III		TP COMITE		u			
Text Show/Hide Co	onfig		un north	Medi	ia File Playł	ack Contro	ol			-	
Show Delay 1	(Sec.)	Hide Fo	rwar 0	(Sec.)	0	(Sec., O Me	ans Alway S.	how) 🗹 Back J	lov Flay Once	Kepeat Sta	

The toolbar allows you to add layer captions for creating and saving subtitle templates



Text delay properties and loop settings



The subtitle effect material imported in the above figure is mov file with transparent layer Edit and save the effect of special effects subtitle application as shown in the figure below

8.live interface

Resources	Live/Upload codec config
Keying	Video Format: 1280x720 Video Bitrate(Kbps): 1000 Audio Bitrate(Kbps): 64 -
Custom	Local Network Live Service Config
Switch	Local IP Addr: 192.168.1.146 554 Web Service Port: 20000 Start Stop
Mixer	Upload to Flash Media Service(FMS)
Subtitles	发布位置: rtmp://192.168.1.1:1935/live/live18 Start Upload User name: Password: Stop Upload Stop Upload
Live	
Resources	Live/Upload codec config
Keying	Video Format: 1280x720 Video Bitrate(Kbps): 1000 Audio Bitrate(Kbps): 64 Video Bitrate(Kbps): 1000 Video: 0.000(Mbps) Audio: 0.000(Mbps)
Custom	Local Network Live Service Config
Switch	Local IP Addr: 192.168.1.146 Stop Stop Store Port: 20000 Store Stop
Mixer	
Subtitles	发布位置: rtmp://192.168.1.1:1935/live/live18 Start Upload
Live	User name: Password: Stop Upload

Resources	Live/Upload codec config-
Keying	Video Format: 1280x720 Video Bitrate(Kbps): 1000 Audio Bitrate(Kbps): 64 Video: 0.177(Mbps) Audio: 0.060(Mbps)
Custom	Local Network Live Service Config
Switch	Local IP Addr: 192.168.1.146 554 Web Service Port: 20000 5167 Stop
Mixer	Upload to Flash Media Service(FMS)
Subtitles	发布位置: rtmp://www.anylive.net:1935/live/live300?uid=201&token=cdc27a 5tant Upload
Subtities	User name: Password: Stop Upload
Live	正在上传

Above in order to live resolution choice LAN live broadcast networks outside the live display resolution has three followed by 720 408 1280 * 720 * 1920 * 1080, corresponding to the stream is 500 1000 2000. Such as access network line will automatically get the machine IP address, click the start service is open after the success of the LAN broadcast live button to display for the green for the network service delivery address, only need to fill in the correct the network click start display for the green upload button is pushed to succeed

There is a hardware key for live recording and live broadcasting on the host switching station. One-click operation can be carried out to record the file format as MPEG2, the code stream is 30MB, the resolution is 1080P, and the frame rate is 25. The default storage path is D disk



9.Set the input signal of external equipment

Click the window Settings button to pop up corresponding signal source

acquisition Settings, such as Camera NDI and

Stream push-pull Settings

Camera Cor	nfig		×
Device:	Video 1 (O	O Eco Capti	ire Qu 🔻
	Deinterl 1920x1080	ace	Config
	Ok	Cancel	

In the device dropdown box, set the acquisition card path as the window

number (for example, the IN1 window is set as

Video 1). The size must be set to 1920*1080 and click OK





screen.

Click NDI and then select the set button to enter the NDI signal search source interface as shown in the figure below By double-clicking the searched signal source, double-click the signal source and designate channel 1~4 as the signal source to switch and select as shown in the figure below

NDI Name		NDI A	.ddr		Channel	Video	Audio
JSER-20200901IS ((NVIDIA	192.	168.1.146:5961		无	0	0
			Select channel	×			
			Channel 5 Ok Cano	-] •1		Search M	I Source
M NDI Output							
NDI Output Name:	Kind3DPG	MStre	eam]	Start	Stop

Select the set button under stream state to pop up the push-pull stream Settings window as shown in the figure below

Netword stream confi	9			
Push Mode Show Address	O Pull Mode(S Address:	ort AMS、FMS)		
			OK	Cancel

Push mode means that you can use a mobile phone or any device with push flow function to push the stream in the LAN, and according to the view of push flow address in push mode, push the stream to the device as a signal source for the transfer of guidance

Pull mode means that the system can pull a third party's live rtmp link to the software as a signal source for directing and switching. The method of use is to fill in the third party's push address into the address bar of the pull mode (unencrypted rtmp link) Note: If the streaming screen is not displayed successfully, the RTMP address may be too complicated, you need to add a space URL to the address suffix.

The picture below shows the independent NDI/STREAM, DDR material window



Load material (video, picture, PPT) from hard disk The fifth and sixth windows can add NDI and STREAM signal sources

DDR1 and DDR2 can add local pictures and PPT size below

1MB

PPT can control page turning through PAGE ON and PAGE DOWN on the keyboard

Or through the left and right arrows on the software interface, you can set automatic page turning or manual page turning Modify the setting of the number of seconds to turn pages You can also make the preview enter STREAM and NDI source mode by clicking the VGA button

10. Introduction to the interface of the rear panel

Old version



Video input: 4 HD/SD-SDI 1 HDMI

Video output: 2 HDMI main outputs, 1 PGM main output, 1 DP and HDMI motherboard output, VGA output Audio input: Support 5 groups of XLR balanced audio input, and each channel has a 48V phantom power switch to support professional microphone audio input. Each channel of audio has analog audio and digital audio plus and deembedding switches, which can de-embed the digital audio from SDI and HDMI into the mixer for separate processing.

Others: 1 RJ45, 2 USB2.0, 2 USB3.0, 1 USB3.1, 1 TYPE C, 485 control, WiFi, audio output, power interface, power button

Note: The CMOS button in the rear interface has no

motherboard problem, please do not click



Note: the above tuning stage white button for each way and solution to distinguish the embedded audio switch, press down is the MIC and stereo input, and play is the digital audio audio (SDI) online packaging shortcuts are divided into eight buttons shortcuts and application of a director and camera control system via the phone system collocation cady perturbation control machine collocation is used.



Note: THE PC audio port is the sound output of the system, and the monitor is the sound output of the mixing station. The other interfaces are determined according to the specific device model.

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