

MICRO 4 CHANNEL HDMI

LIVESTREAMING VIDEO SWITCHER

HVS0402U



- 4 channel auto-detected HDMI inputs
- 1×HDMI PGM output, 1×HDMI multiview out, 1×USB type-C output
- AUX output configurable and assignable
- USB for capturing and streaming on PC
- Clearly visible multiview & status page
- Upstream key: Luma key, Chroma key, PIP×2/ POP
- Downstream key and LOGO overlay
- T-bar/ Auto/ Cut transitions; various effects: WIPE(9×2 patterns) / MIX/ DIP
- Audio mixer: HDMI embedded audio and 2-Ch MIC/line In; audio delay available
- Media library: 49 default patterns, 16 imported images, 16 captured images, 2 color generators
- LAN port for PC software remote control
- FTB/ MUTE/ STILL/ GPIO for tally



Scaled Output & Multiview

The switcher supports multi-format inputs including 1080p, 1080i, 720p, 576i and 480p HDMI signals. And 2 HDMI outputs can be used as AUX output that can select video source from HDMI 1-4, PVW, PGM or Clean PGM, and output format can be up/down scaled. Besides, all cameras as well as setting status/menu can be monitored via multiview output.



USB Capture for Streaming

Connect the switcher to a computer with Windows 7/8/10, Mac OS via USB output, and use software like OBS, PotPlayer, VMix, etc. to realize live streaming in Youtube, Facebook, Twitter, etc. platforms. The video source of USB out not only can be the PGM output but also can be HDMI1, HDMI2, HDMI3, HDMI4, PVW or Clean PGM output.



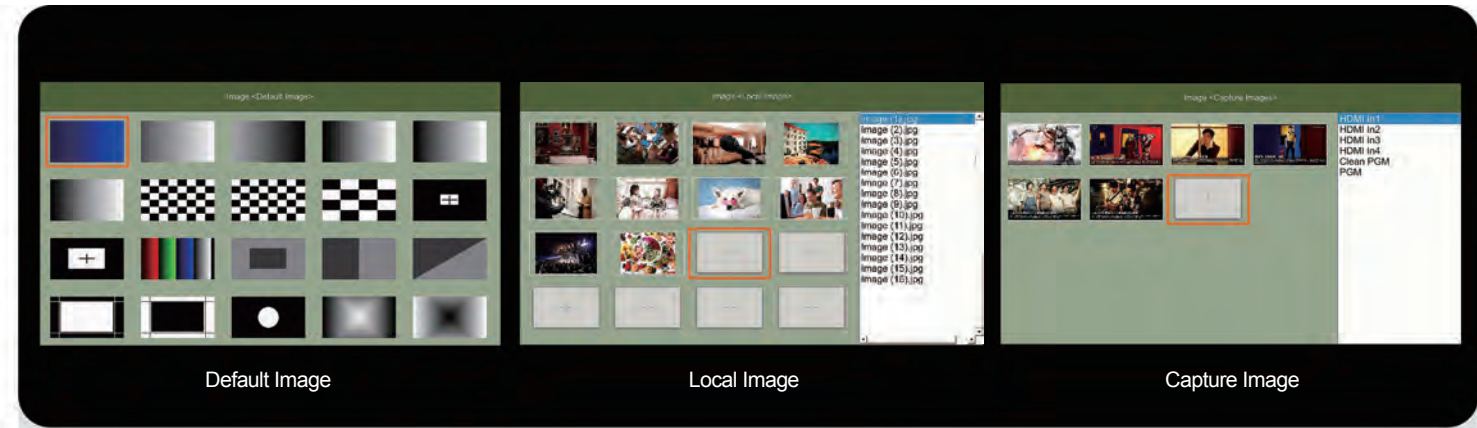
USK & DSK

The switcher supports chroma key and luma key, which is convenient for users to key off blue/green and black background colors for virtual studio or live event applications. Besides, User can gain an exact color level by using the color picking, clip and gain key adjustment.



Transition Effects

There are WIPE(9×2 patterns), MIX and DIP transition effects available from the switcher. The transition effect works for switching via AUTO and T-Bar. User also can have transition without effect by switching via CUT.



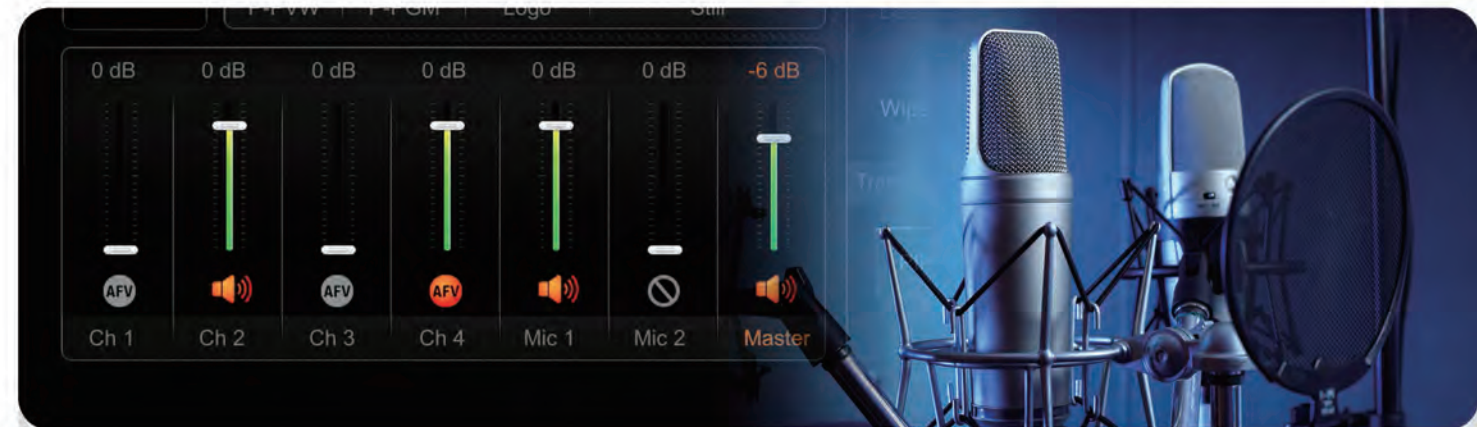
Powerful Media Management

The video switcher has a powerful built-in media management function with 49 preset patterns. User also can import image from USB flash disk, or capture and store the screenshot image of HDMI 1, HDMI 2, HDMI3, HDMI 4, Clean PGM or PGM.



2 PIP/ POP

The switcher has 2 PIP function that it can overlay 2 sub-screen into the PGM out, and the size and position of sub-screen can be adjusted. Besides, user can use POP to have two same-size screens overlay into PGM out.



Audio MIXING /AFV

The switcher can mix 4 HDMI embedded audio and 2 external analog audios (Mic/ Line-level) into the PGM out. User can turn on/off or adjust volume or audio delay for each audio independently. In addition, 4 HDMI embedded audios can be set to AFV mode.



LOGO Overlay

User can add a logo from USB flash disk into PGM. The logo's size and position can be adjusted, and the logo image can be PNG, JPG, BMP, etc. format.



PC Control Software

A free PC control software can be downloaded from website. User can remotely control all settings of the device through the control software, including transition effects, audio configuration, multiview settings and media management, etc.

Abundant Applications

The Micro 4 channel HDMI live streaming video switcher can be widely used in various field events, such as church, game live, live sports, virtual studio, education, internet, concert, and so on.



Game Live



Remote Education



Wedding



Live Sports



Church



Teleconference



Self Media/Vlog Live



Concert



CONNECTIONS	
Video In	HDMI type-A x4
Video Out	HDMI type-A PGM x1
	HDMI type-A Multiview x1
	USB2.0 type-C x1(Streaming on PC)
Audio In	Assignale HDMI 1~4, PGM, Clean PGM, PVW, Color bar, Multiview
PC Control Port	MIC/ Line x2(3.5mm stereo audio)
Media Library	LAN x1
Tally Port	USB type-A x1(For image import and firmware upgrade)
Power In	DB-15 x1
FUNCTIONS	
Transitions	DC 12V x1
Effects	T-Bar/ AUTO/ CUT
Layouts	WIPE(9x2 patterns)/ MIX/ DIP/ STILL(freeze)/ PATTERN/ MUTE/ FTB
Keys	2 styles of Multiview layout(6 windows and stutas)
	Upstream Key: Luma Key x1/ Chroma Key x1/ PIP x2/ POP
Audio Mixer	Downstream Key: DSK x1/ Logo x1
	HDMI x4 and MIC/ Line x2
Media Format	Audio delay: 0~500ms
	Default image: 49 preset patterns
	Local image: Up to 16 imported images
Generators	Capture image: Up to 16 captured images
	Pattern generator x1
STANDARDS	Color generators x2
HDMI In Format Support	1080p 60/ 59.94/ 50/ 30/ 29.97/ 25/ 24/ 23.98
	1080i 50/ 59.94/ 60
	720p 60/ 59.94 /50/ 30/ 25/ 24
HDMI PGM Out	576i 50, 576p 50, 480p 59.94/ 60, 480i 59.94/ 60
	1080p 60/ 59.94/ 50/ 48/ 47.95/ 30/ 29.97/ 25/ 24/ 23.98
HDMI Multiview Out	1080i 60/59.94/50
	1080p 60/ 59.94/ 50/ 48/ 47.95/ 30/ 29.97/ 25/ 24/ 23.98
HDMI Color Space	1080i 60/59.94/50
USB Capture Out	RGB/ YUV
Media Format	MJPEG, up to 1080p 60
	USB disk format support: FAT32, Ext3, Ext4, up to 256GB
	Image format support: png, bmp, jpg, gif, jpeg, ppm, pbm, tif, jps, mpo, tga
OTHERS	Logo format support: png, bmp, jpg, gif, jpeg, ppm, pbm, tif, jps, mpo, tga
	Logo size support: 10x10 pixel to 600x600 pixel
Power	Wide voltage: 7~24V; Operating power:12W(12V 1A)
Dimension (LWD)	244.5 x 143.2 x 44.5mm
Weight	Net: 1030g; Gross: 1500g
Temperature	Working: -20℃~60℃, Storage: -30℃~70℃
Accessories	Power supply(12V 2A) x1; USB cable(type A-C) x1; Tally connector(DB-15) x1



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