

MIG-V6 series

Video Seamless Switcher



MIG-V6 series Switcher

MIG-V6 is the latest Magnimage high performance video switcher, using a large storage high speed FPGA and hardware structure with high speed digital bus matrix, which adopt RGB 24bits/60Hz processing inside.

Built-in a high performance zoom core, MIG-V6 supports Multiple screens output seamless splicing, makes output signal clearer, delicate, colorful and ensures the output signal synchronous and no latency. It adopts mixed matrix input, various 4k, 2k input customized module options, supports 4K*2K/60Hz 4:4:4 input and real-time preview to the input and output signal.

Cooperates with consoles like MIG-H8, MIG-V6, it can realize fade-in/out switching among multiple layers and scenes, it was widely used in car exhibition, business conference and stage show, etc.

FEATURES

- 4 program output, support 16 layers, layer size and position changes arbitrarily.
- 4 aux output, supports mosaic and zooming.
- 3 aux loop output.
- 1 multi-screen preview, input and output signal real-time preview, and supports customize layout.
- 1 IP output for monitoring on the console.
- 24 mixed matrix input, with multiple 2k, 4k input options.
- Supports 4K*2K/60Hz 4:4:4 input.
- Supports HD native background capture.
- EDID management on input signal.
- Image crop, layer zooming.
- Test overlay.
- Edge blending.
- Supports outer synchronization and multiple devices cascade.
- Dual power supply redundancy backup.
- Support HDCPI.4&2.2.



INPUT INDICATION

TYPE	PORTS	CHANNELS	RESOLUTION
MIG-V-INVGA	VGA	4	VESA
MIG-V-INDVI	DVI	4	VESA
MIG-V-INSDI	SDI	4	480i, 576i, 720p, 1080i/p(3G SDI)
MIG-V-INHDMI	HDMI	4	EIA/CEA-861 , HDMI-1.3
MIG-V-INSDIVGA	SDI, VGA	SDIx2, VGAX2	SDI support 480i, 576i, 720p, 1080i/p(3G SDI) VGA support VESA
MIG-V-INDP12	DP, HDMI	DOx1, HDMIx1	3840X2160/60Hz and customized output resolution

OUTPUT INDICATION

TYPE	PORTS	CHANNELS	RESOLUTION
Program output	DVI	4	1920x1080/60Hz
Aux output	DVI	4	1920x1080/60Hz
Aux loop output	DVI	3	1920x1080/60Hz
Multi-screen preview output	DVI	1	1920x1080/60Hz

MACHINE SPECIFICATION

Power supply	100-240 AC 50/60Hz
Power consumption	620W
Size	482.6x371.5x177mm
Weight	16.5Kg



INCLUDING ACCESSORIES

Power Cable	2
DVI Cable	2
Certificate	1
USB Disk	1
User Manual	1
HDMI Cable	1
DP Cable	1
LAN Cable	2

INTERFACE DESCRIPTION FRONT PANEL

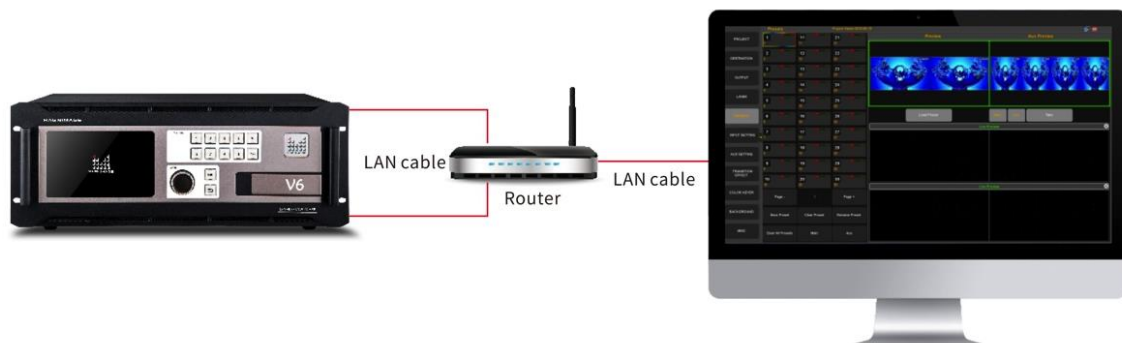
	Menu display
1	Show MIG-V6 present workin status, able to check input information, electric status, firmware versi on, etc.
	Menu keys
2	Enter/exit menu, paging, and para meter adjustment ,etc.
	Function keys
3	Accomplish special function such as setting main unit's IP address in specific menu.
4	Input ports
5	Multi pre watch output
6	Dual power backup
7	Power supply
8	Control board
9	IP Output
10	Aux loop
11	5-8 Aux output
12	1-4 Program output

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ORDER CODE: UNIPROMIGV6

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SOFTWARE CONTROL



The V6 video switcher can be controlled by software, easy operation, quick react.

INPUT PORTS

Each port 4K×2K/60Hz



Totally 6 input slots, users are free to choose the input module; 2k input cards include: DVI, HDMI, VGA, SDI, VGA/SDI mix board; 4k input card includes: DP/HDMI mix board.

OUTPUT PORTS



Program outputs

4 Program output: setup layout as requirement (for example: 1 group of 4*1 or 2 groups of 2*2); program outputs support maximum 16 layers at the same time.



Aux Output

4 aux output: setup layout as requirement, each aux output supports only 1 layer.



Aux loop output

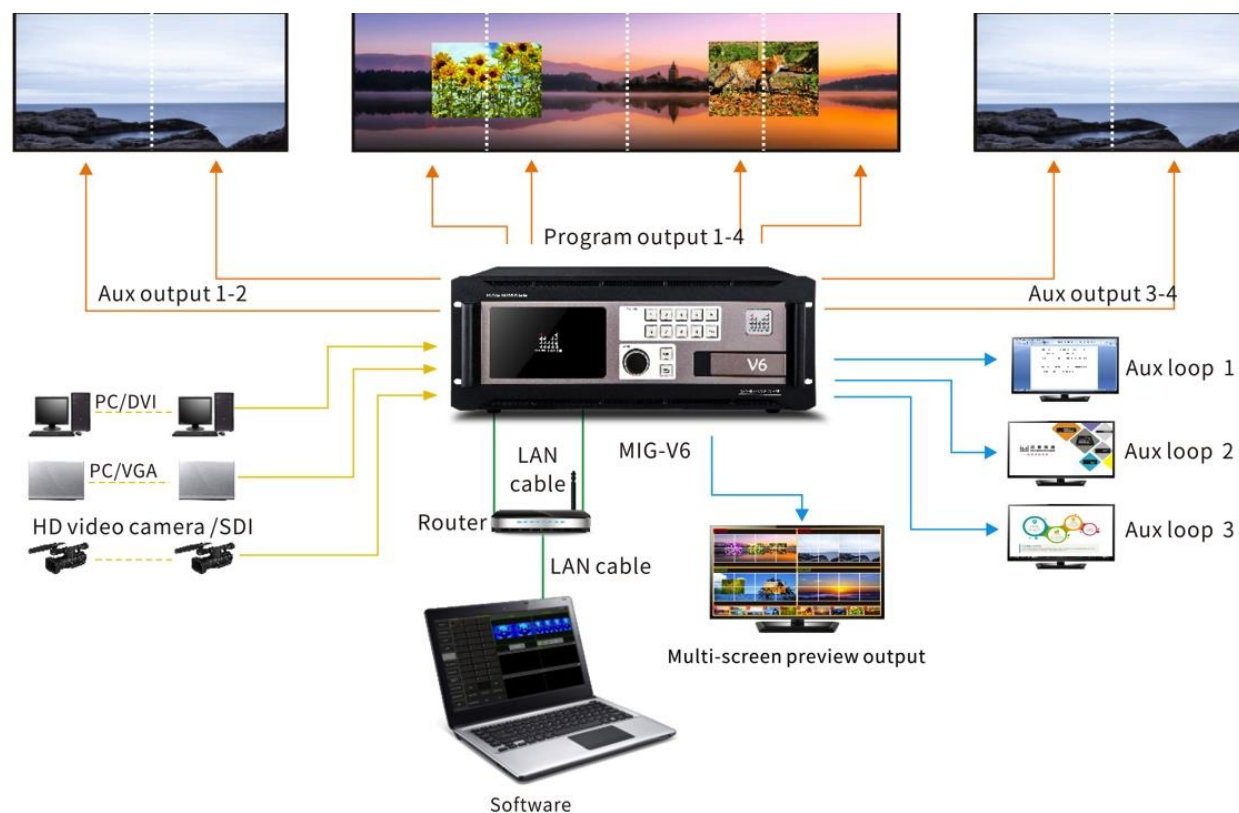
3 aux loop output: select any 1 input signal to related aux loop output, supports quick switching.



Multi-screen preview output

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V6 COOPERATES WITH SOFTWARE



V6 ACOOPERATES WITH H6



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V6 PROJECTION BLENDING MOSAIC



Each output port's blending size, position, blending direction, gamma rate can be set up separately, it's applicable for both program output and aux output; each V6 supports maximum 8 projectors for blending mosaic.