



MIG-V5 is the latest Magnimage high performance video seamless switcher, using a large storage high speed FPGA and hardware structure with high speed digital bus matrix, which is RGB 24bits/60Hz processing inside.

Built-in a high performance zoom core, MIG-V5 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, 8K*1K /60Hz input and real-time preview to the input and output signal via multi-screen preview output.

Cooperates with consoles like MIG-H8, MIG-H6, 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
- ▮ 20 mixed matrix input, with multiple 2K, 4K input options
- ▮ Supports 4K*2K/60Hz 4:4:4 input, DP support 8Kx1K/60Hz input
- ▮ Supports HD native background capture
- ▮ EDID management on input signal
- ▮ Image crop, layer zoom
- ▮ Text overlay
- ▮ Edge blending
- ▮ Supports outer synchronization and multiple devices cascade
- ▮ Support HDCP1.4&2.2

Switcher introduction

Function keys

Accomplish special function such as setting main unit's IP address in specific menu.

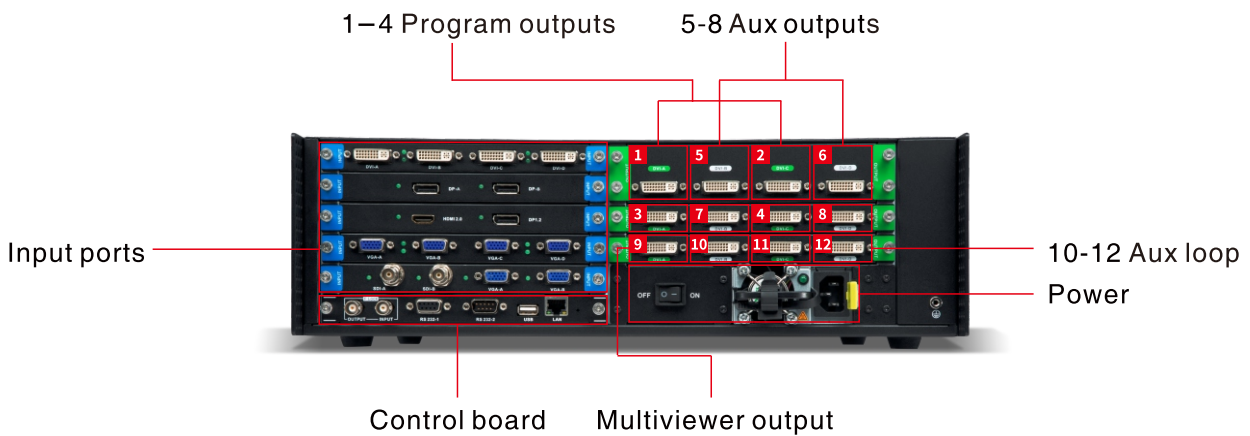


Menu display

Shows MIG-V5 present working status, including input information, electric status, firmware version, etc.

Menu keys

Enter/exit menu, paging, and parameter adjustment ,etc



Software control

The V5 video switcher can be controlled by software, easy operation, quick react.



LAN cable



▮ Various input and output ports

📺 Input ports

The 5 input slots allow you to build the machine based on your application. 2K options include DVI, HDMI, VGA, SDI and VGA/SDI mixed card. 4K options include DP card and DP/HDMI mixed card.



Each port 4K×2K/60Hz or 8K×1K/60Hz

📺 Output ports

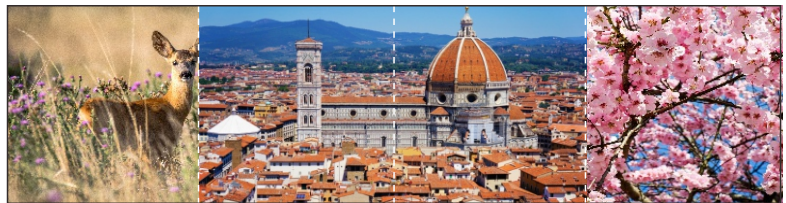
Program outputs

The 4 Program outputs can be set as any mosaic layout, such as 4x1 or 2x2. In these 4 outputs, you can set maximum 16 layers at one time.



Aux Output

Like Program outputs, these 4 AUX outputs can be set as any mosaic layout, but each output only support 1 layer at one time.



Aux loop output

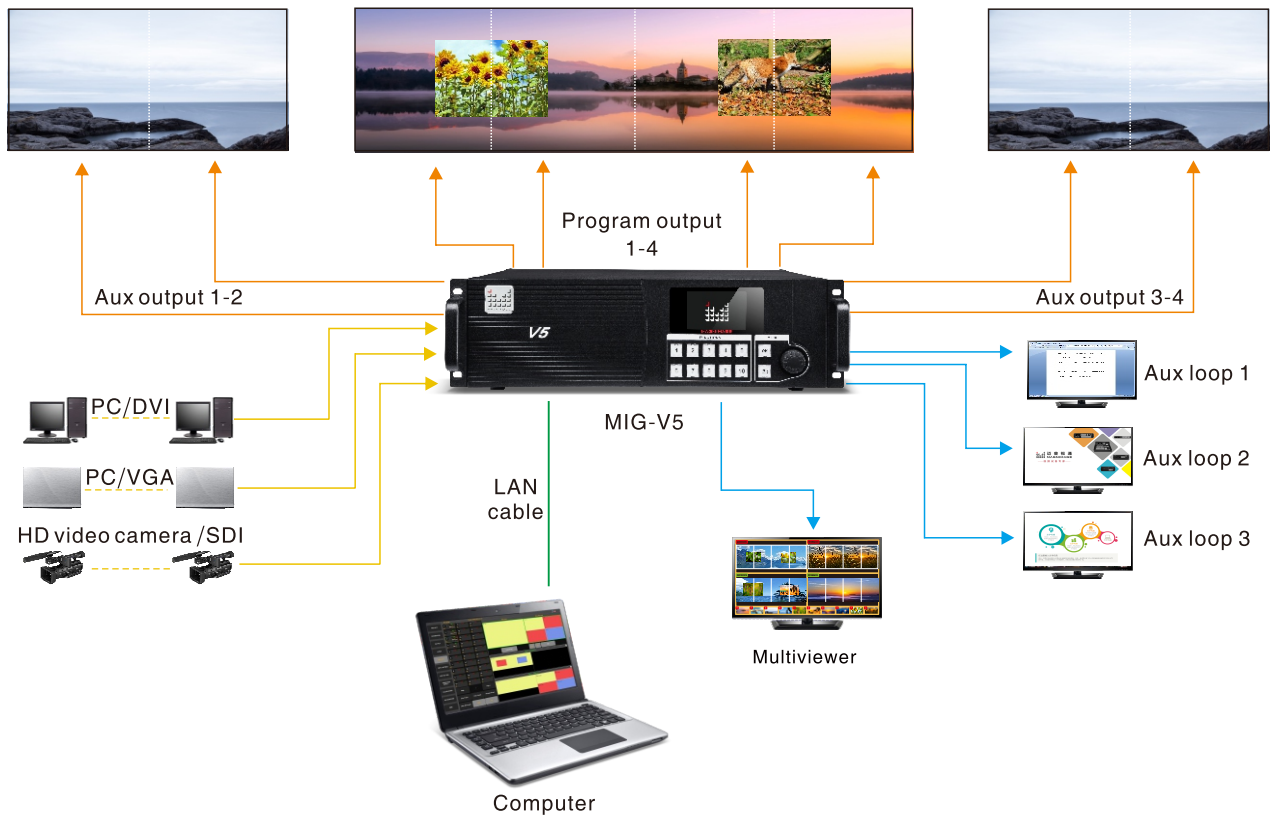
You can choose and switch the input source to any of these 3 AUX loop outputs.



→ 1 Multivirwer Output



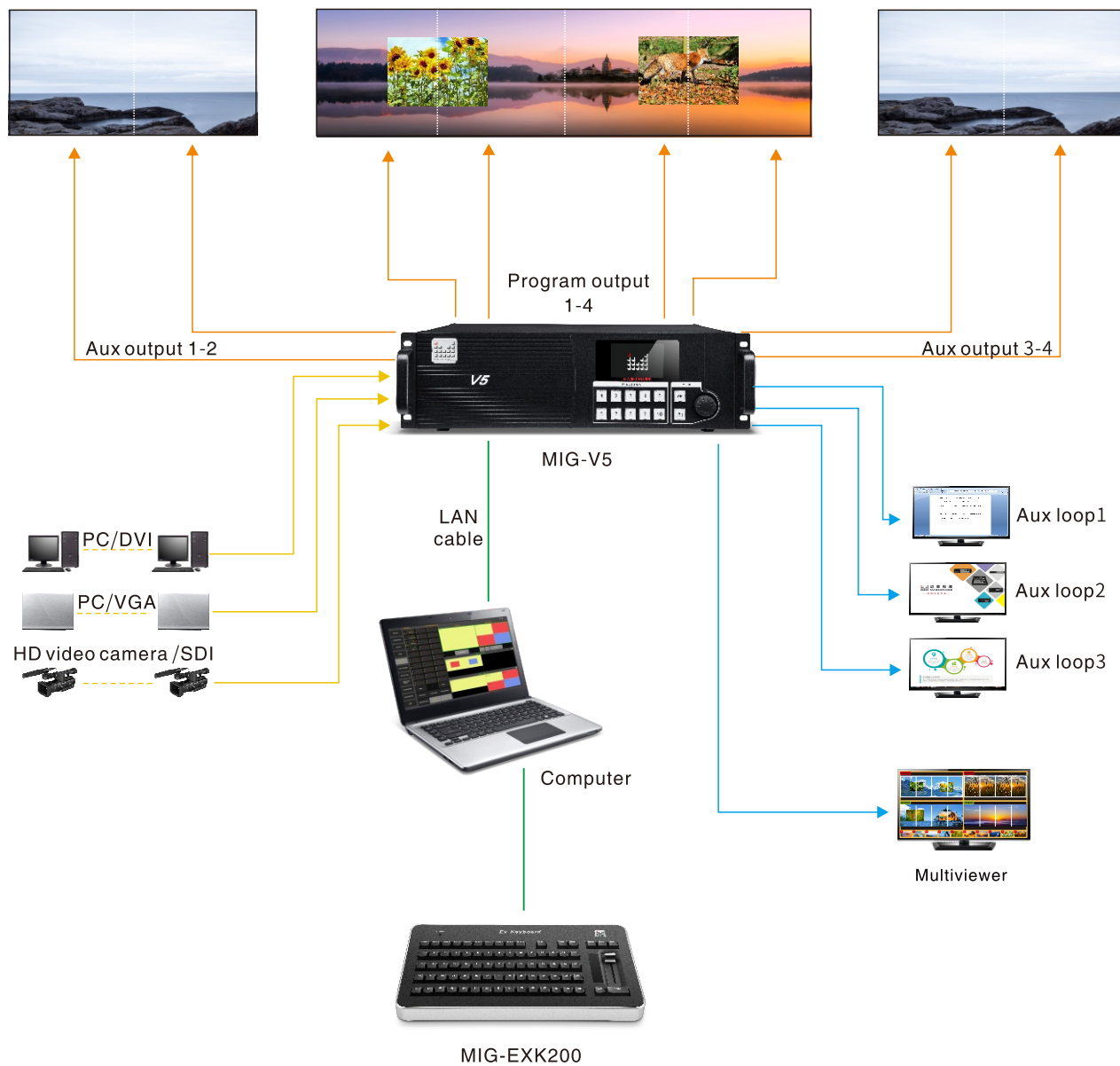
V5 cooperates with computer



V5 cooperates with H6

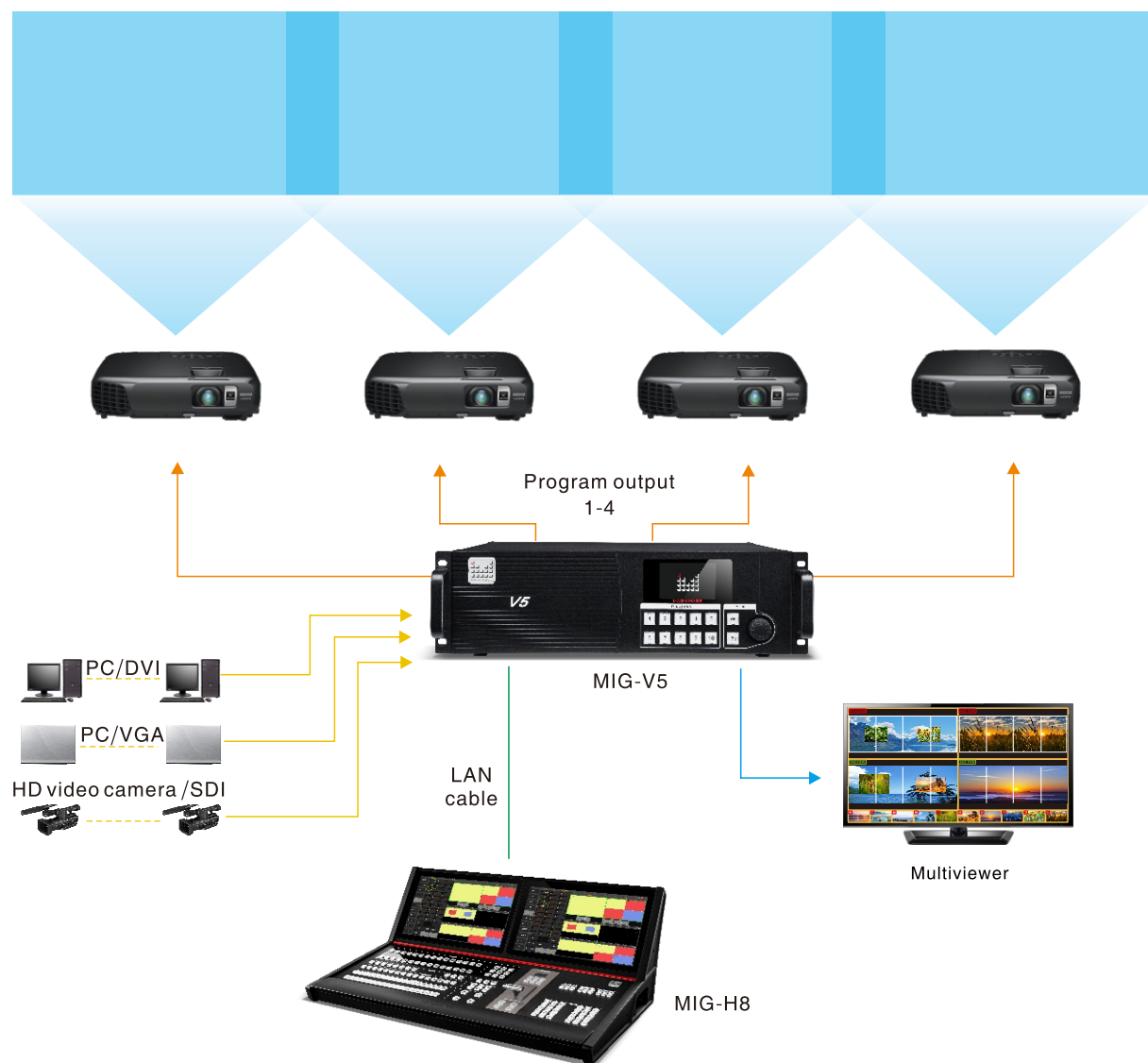


▣ V5 cooperates with MIG-EXK200



V5 projection blending mosaic

Both Program outputs and AUX outputs support edge blending setting, including blending size, position, blending direction and gamma. One V5 supports up to 8 projectors for edge blending.



Technical parameters

Type	MIG-V5			
Video outputs	Totally 12 outputs: · 4 program outputs(DVI ports/ support 1920x1080/60Hz) · 4 Aux outputs(DVI ports/ support 1920x1080/60Hz) · 3 Aux loop outputs(DVI ports/ support 1920x1080/60Hz) · 1 Multiviewer output(DVI ports/ support 1920x1080/60Hz)			
Video inputs	5 input cards, each card up to 4x 1920x1080/60Hz, 2x 3840x1080/60Hz or 1x 3860x2160/60Hz input. Standard configure with 3 input cards of custom type.			
	Input card type	Port type	Port quantity	Resolution
	VGA	RGBHV	4	1920 × 1080/60Hz
	DVI	DVI-D	4	1920 × 1080/60Hz and EDID management
	HDMI	HDMI1.3	4	1920 × 1080/60Hz and EDID management
	2SDI+2VGA	3G SDI, RGBHV	4	1920 × 1080/60Hz
	SDI	3G SDI	4	1080i/60Hz, 1080P/60Hz
	DP	DP1.1	2	3840 × 1080/60Hz and EDID management
	2SDI+2DVI	3G SDI, DVI-D	2+2	1920 × 1080/60Hz
HDMI(4K)+DP(4K)	HDMI2.0, DP1.2	1+1	3840 × 2160/60Hz and EDID management DP support 8Kx1K/60Hz input	
Power voltage	100-240V			
Power frequency	50/60Hz			
Operation temperature	0~45			
Chasis N.M.(KG)	9.6			
Overall power consumption(W)	180			
Dimension(mm)	482.6×371×133			

Accessories includede

Power cable	×1
DVI cable	×1
LAN cable	×1
USB disk	×1
User manual	×1
Quality certificate	×1



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