



MIG-V8 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-V8 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

- ▮ 8 program output, support 16 layers, layer size and position changes arbitrarily.
- ▮ 8 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.
- ▮ 36 mixed matrix input, with multiple 2k, 4k input options.
- ▮ Dual power supply redundancy backup.
- ▮ Support HDCP1.4&2.2.
- ▮ 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.

Switcher introduction

Menu display

Show MIG-V8 present working status, able to check input information, electric status, firmware version, etc.



Function Keys

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

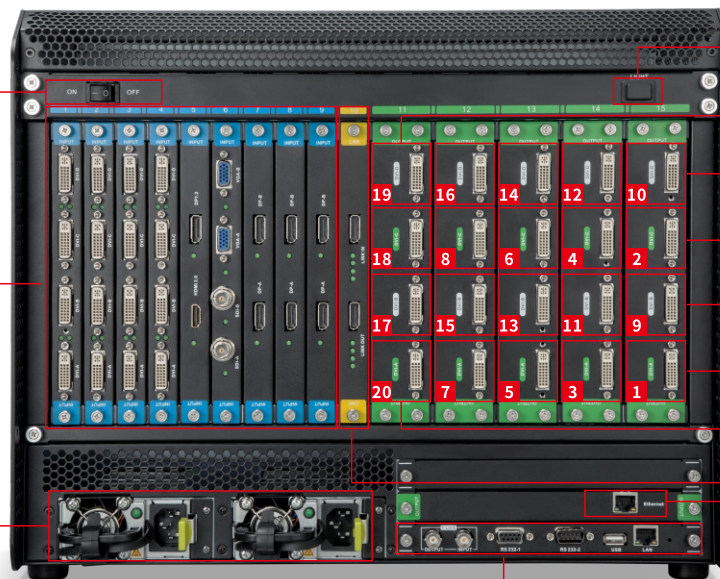
Menu keys

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

Power supply

Input

Dual power backup



lighting switch

17-19 Aux loop

9-16 Aux output

1-8 Program output

Multi-screen preview output

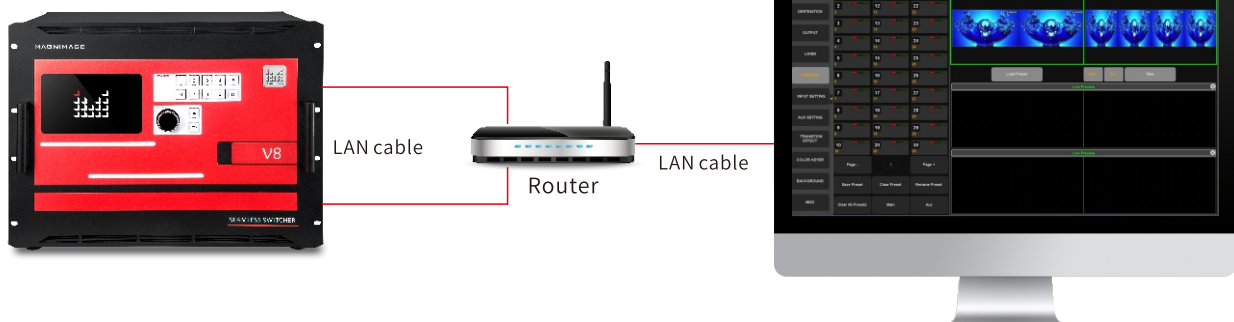
Cascade board

IP output

Control board

Software control

The V8 video switcher can be controlled by software, easy operation, quick react.



▮ Various input and output ports

📁 Input ports

Totally 9 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.

Each port 4K×2K/60Hz



📁 Output ports

Program output

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



Aux Output

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



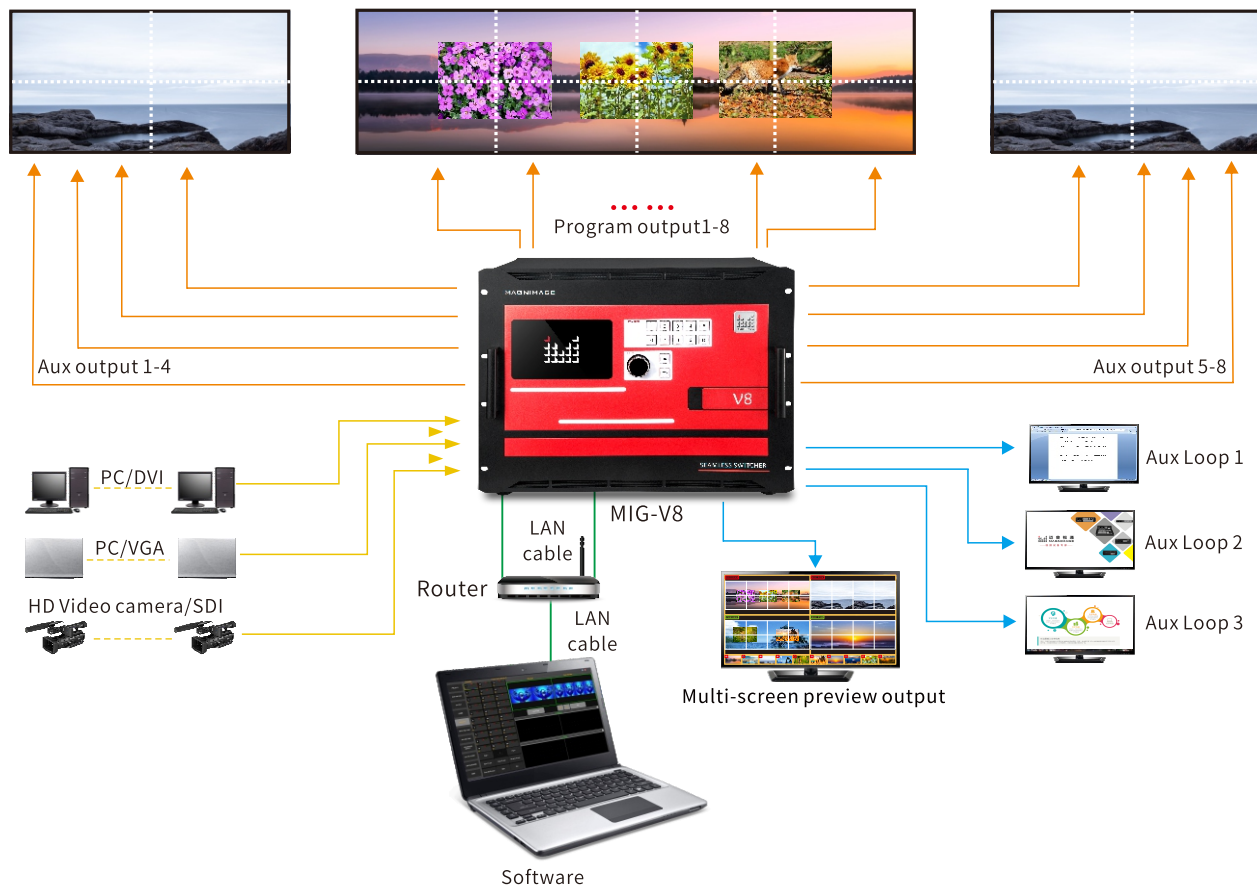
Aux loop output

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

Multi-screen preview output



V8 cooperates with software



V8 cooperates with H6



V8 projection blending mosaic

Each output port's blending size, position, blending direction, gamma rate can be setup separately, it's applicable for both program output and aux output; each V8 supports maximum 16 projectors for blending mosaic.



Technical parameters

Input card specification

Input card type	Ports	Channels	Resolution specification
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-86 standard, meets the HDMI-1.3 standard
MIG-V-INSDI/VGA	SDI, VGA	SDI×2, VGA×2	SDI supports 480i, 576i, 720p, 1080i/p(3G SDI) VGA supports VESA
MIG-V-INDP12	DP, HDMI	DP×1, HDMI×1	3840×2160/60Hz and customized output resolution

Output card specification

Output card type	Ports	Channels	Resolution specification
program output	DVI	8	1920×1080/60Hz
Aux output	DVI	8	1920×1080/60Hz
Aux loop	DVI	3	1920×1080/60Hz
Multi-screen preview output	DVI	1	1920×1080/60Hz

Overall unit specifications

Power supply	100~220V AC 50/60Hz
Power consumption	690w
Product dimension	482.6×355.0×430.5mm
N.W.	27.4Kg

Console specifications

Power cable	×2
DVI cable	×2
HDMI cable	×1
DP cable	×1
LAN line	×2
USB disk	×1
User Manual	×1
Quality certificate	×1



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