



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 HDCP1.4&2.2.

## Switcher introduction

### Menu display

Show MIG-V6 present working status, able to check input information, electric status, firmware version, etc.



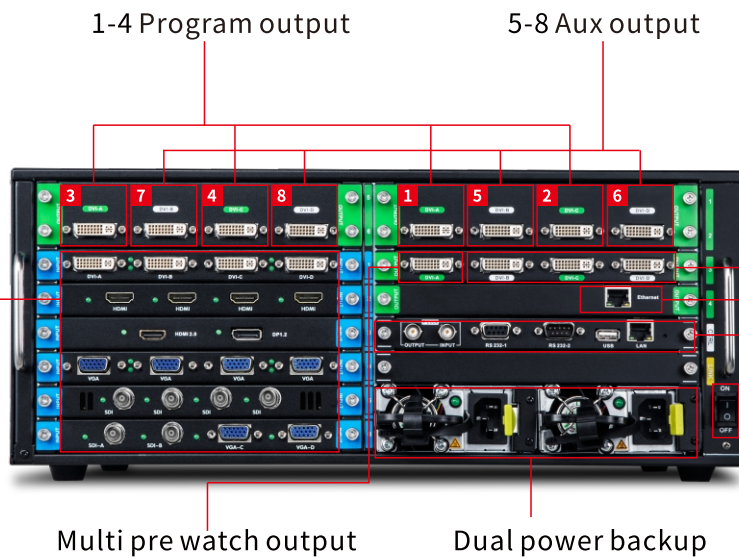
### Function keys

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

### Menu keys

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

### Input ports



### Aux loop IP Output

### Control board

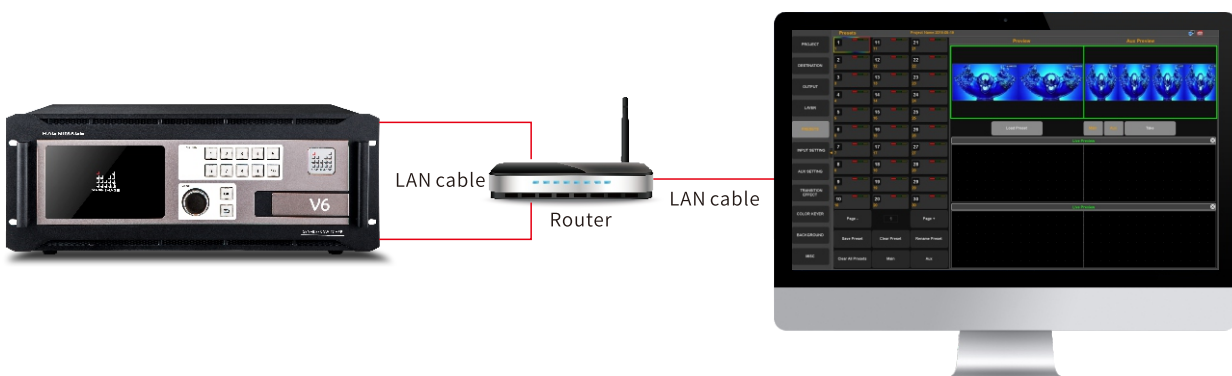
### Power supply

### Multi pre watch output

### Dual power backup

## Software control

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



# ▮ Various input and output ports

## 📁 Input ports

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.

Each port 4K×2K/60Hz



## 📁 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.

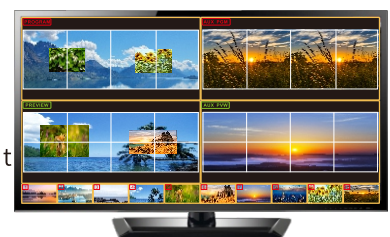


### Aux loop output

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

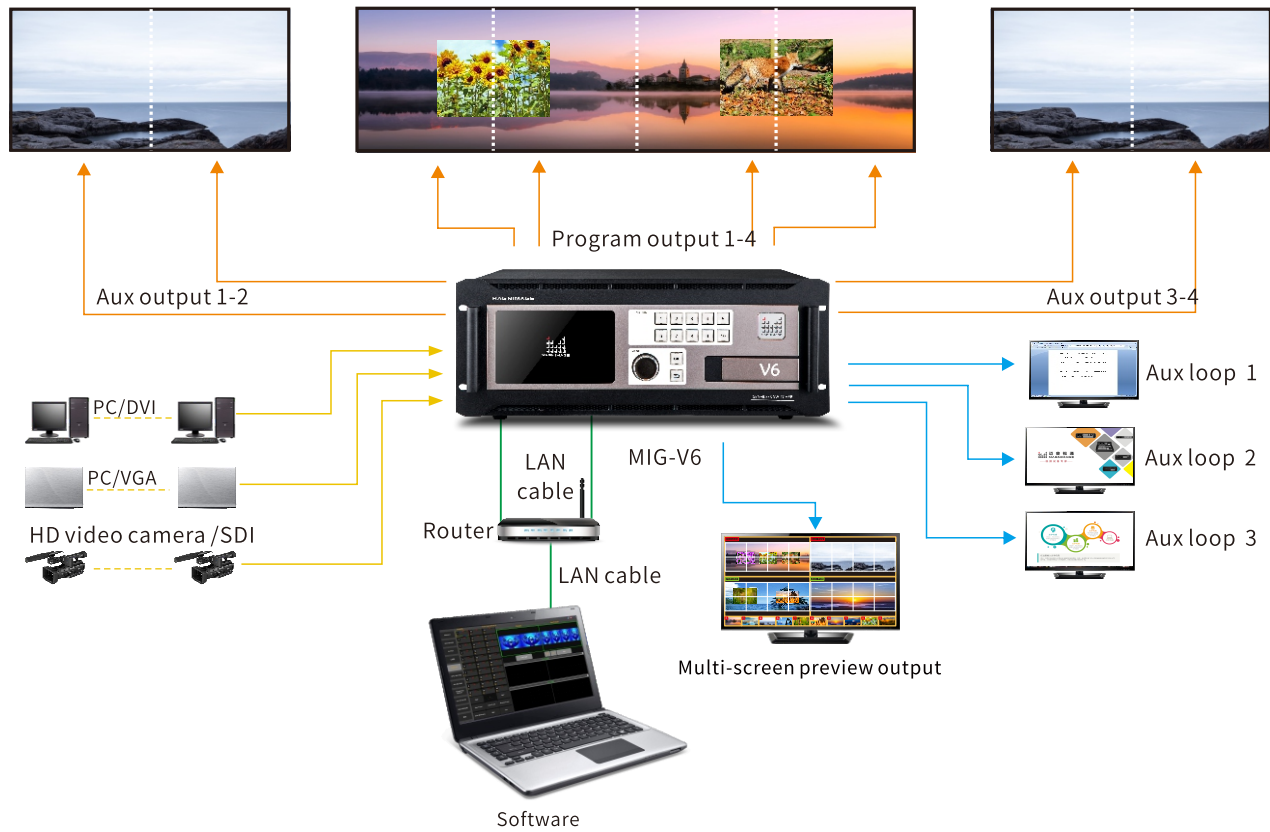


→ Multi-screen preview output

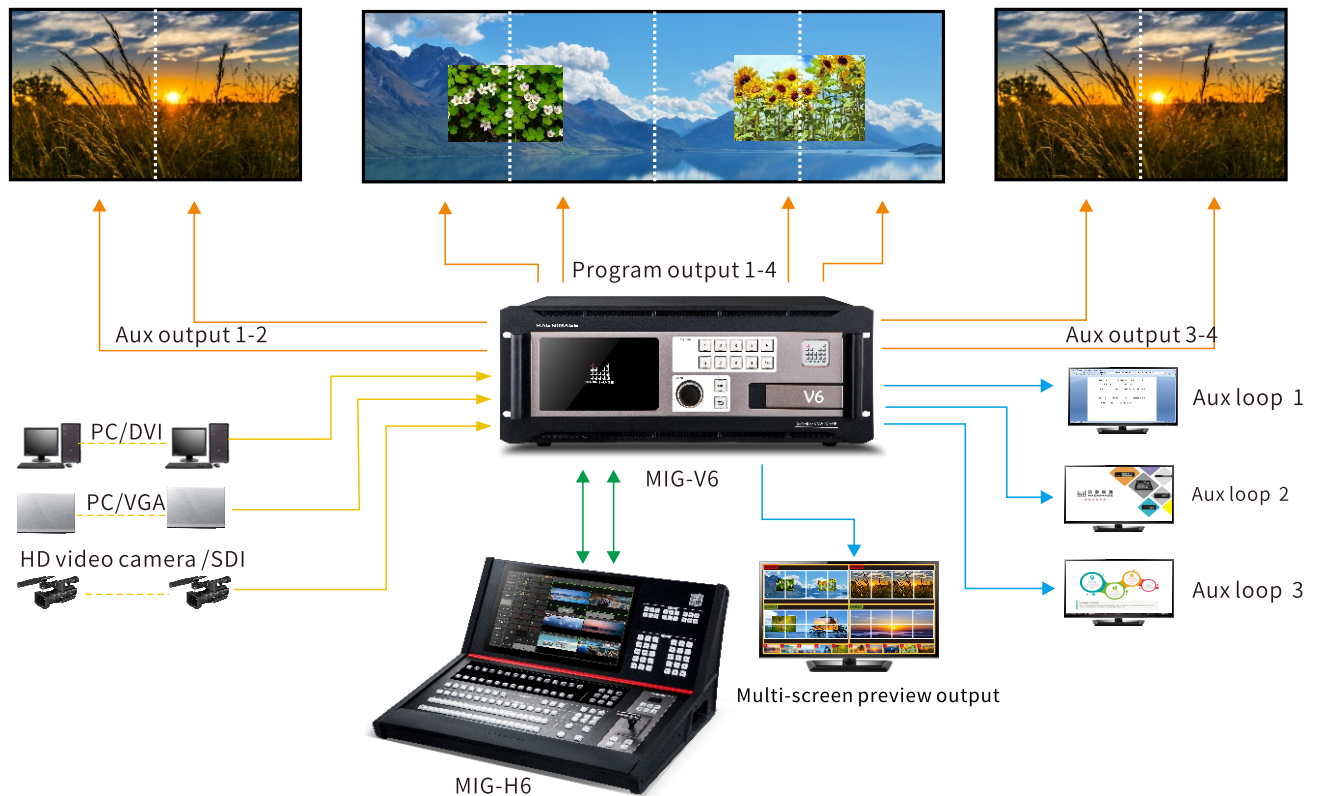




## V6 cooperates with software

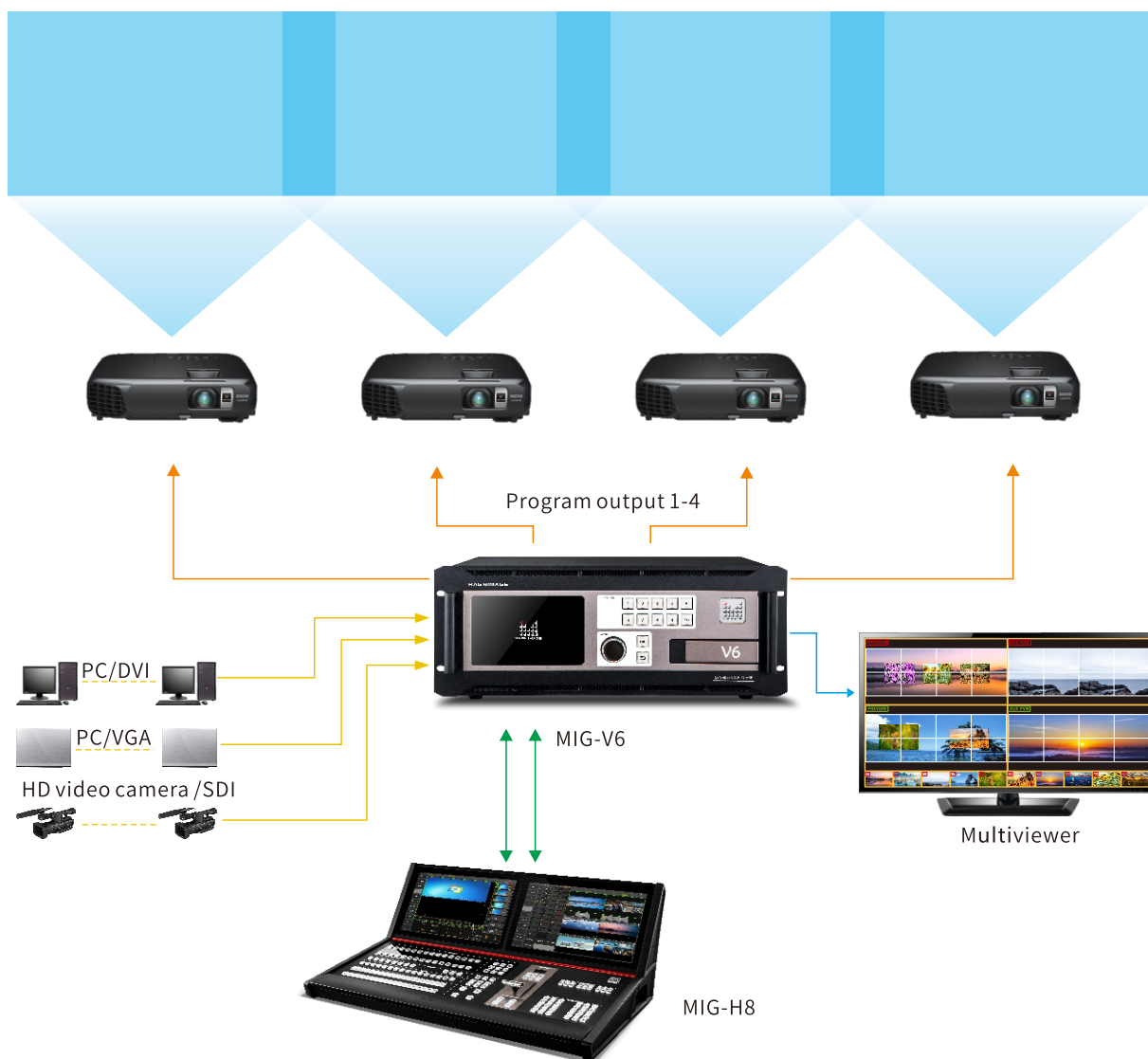


## V6 cooperates with H6



## V6 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 V6 supports maximum 8 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 support 480i, 576i, 720p, 1080i/p(3G SDI) VGA support 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	4	1920×1080/60Hz
Aux output	DVI	4	1920×1080/60Hz
Aux loop output	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	620w
Product dimensions	482.6×371.5.0×177.0mm
N.W	16.5Kg

### Specifications

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



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