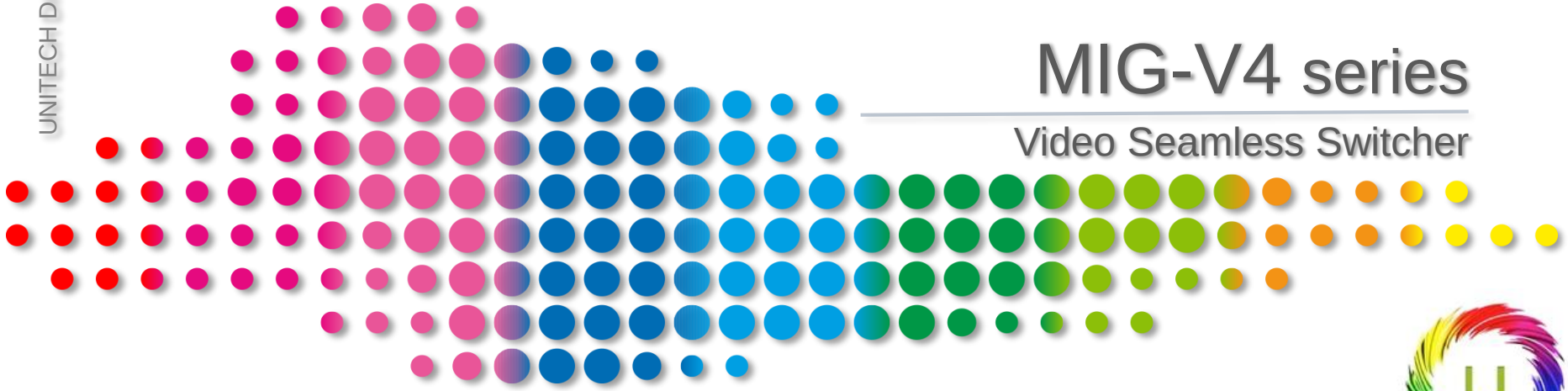
UNITECH DIGITAL MEDIA ultra professional LED display company



MIG-V4 series

Video Seamless Switcher

professional LED display

MIG-V4 series Switcher

MIG-V4 multi-scene switcher is composed of video processor machine V4 and console H1. Each H1 control up to 9 sets of V4 machine, and V4 can work alone or Cascade control. MIG-V4 is a high-performance machine which adopts advanced 12 bit algorithm, and it makes picture more clear, delicate, colorful, ensure the output signal synchronization and reducibility as well . Single machine supports output capability up to 3840*1080 pixels, and it supports 1 Multi-screen preview and 1 Auxiliary preview. It can support maximum 16 layers, and realize 8 layers to 8 layers facie switching.
The built-in Matrix supports 12 inputs such as 4 channels of each DVI, VGA, and SDI etc, 20 seamless additive modularity inputs with full live preview of all inputs sources. When V4 works with H1, it realizes large LED video wall display, multi-layer and multi-scene switching, backup etc function, and it is widely applied in auto show, conference, products launching, and stage show etc events.

FEATURES

- Two splicing dsplay of program output, single host can load 3840*1080 pixel
- Each program output supports 4 layers and one HD background image simultaneously
- The size and position of each layer can be modified
- One multi-window preview, one auxiliarypreview
- Internal multi layers processing
- Support fade switch between 8 layers in program and 8 layers in preview
- Different switch effects
- Input and built in video matrix
- Video matrix
- Standard 12 inputs (optional)
- Maximum extended to 20 inputs
- Up to 30 user defined presents
- Support 20 channels input signal real time preview
- Support HD background picture capture function
- Input signal EDID management
- Input and output image real time monitoring
- Support external synchronization, andmulti host cascade mosaic
- 60Hz real time processing, all channel 24RGB processing
- Support edge fusion function, for project splicing
- Dual power supply redundant backup
- Blade type card design
- 3 HD background images one pure background simultaneously
- Support text overlay

professional LED display

INPUT INDICATION

Type	Port	Quantity	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-1.3/1.4
MIG-V-INSDIVGA	SDI,VGA	SDIx2, VGAx2	SDI support 480i,576i,720p,1080i/p(3G SDI) VGA supports VESA

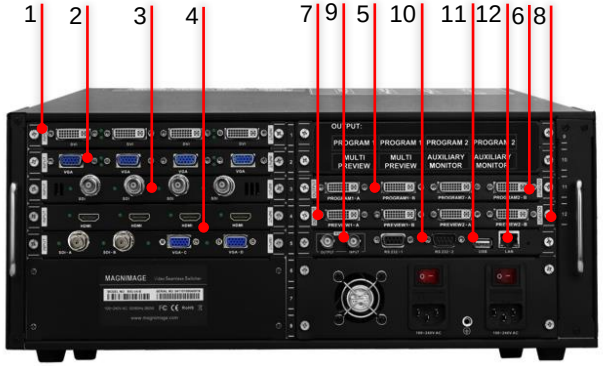
OUTPUT INDICATION

Type	Port	Quantity	Resolution
Program output	DVI	2x2	1920x1080/60Hz
Preview output	DVI	1x2	1920x1080/60Hz
Replay-show output	DVI	1x2	1920x1080/60Hz

Note: 2x2 indicates 2 groups of DVI port, 2of each group images area same

MACHINE SPECIFICATION

Power Supply	100-240 AC 50/60Hz
Power Consumption	260W
Operation Temperature	0-45°C
Size	482.6x371x177mm
Weight	14.6Kg



INTERFACE DESCRIPTION FRONT PANEL

1	4xDVI input plugs
2	4xVGA input plugs
3	4xSDI input plugs
4	E.M.input plugs
5	1 st program output
6	2nd program output
7	Multi-screen preview output
8	Auxiliary preview output
9	Frame Lock plugs
10	RS 232 plugs
11	USB for software upgrade
12	LAN

MIG-V4 series type

MIG-V4-A	4xDVI, 4xVGA, 4xSDI
MIG-V4-B	8xDVI, 4xSDI
MIG-V4-C	4xDVI, 4xSDI, 4xHDMI
MIG-V4-D	4xDVI, 2xVGA, 2xSDI, 4xHDMI
MIG-V4-E	8xDVI, 2xVGA, 2xSDI

MIG-V4 Switcher

SIZE: 19"x14.6"x6.96" (482.6x371x177mm)

WEIGHT: 32.18 lb (14.6 kg)

ORDER CODE: UNIPROMIGV4

professional LED display

MIG-V4 series Switcher

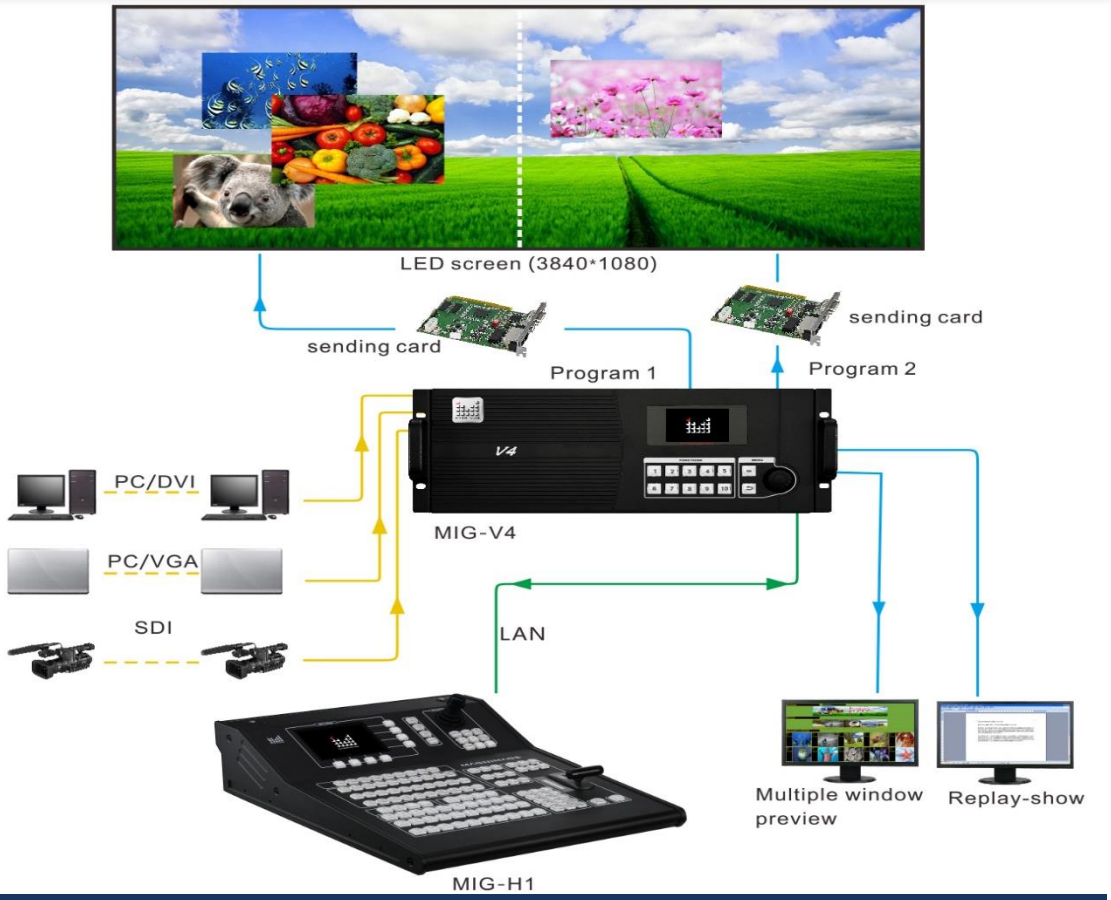
SINGLE HOST MOSAIC AND AUXILIARY PREVIEW FUNCTION

Single host splicing

Two sets of program outputs: Achieving left to right (default) or up to right mosaic by modifying the initial position of program output.

Auxiliary preview

Besides the normal big display screen information which the audience watching, the host on the front stage or spokesman has a display screen from which they can browse the manuscripts they prepared. For example, the host browses their own speech draft so that it can greatly relieve their stress for memorizing the lines to be recited. if the auxiliary preview function is not needed, also it can be presented to the vice screen.

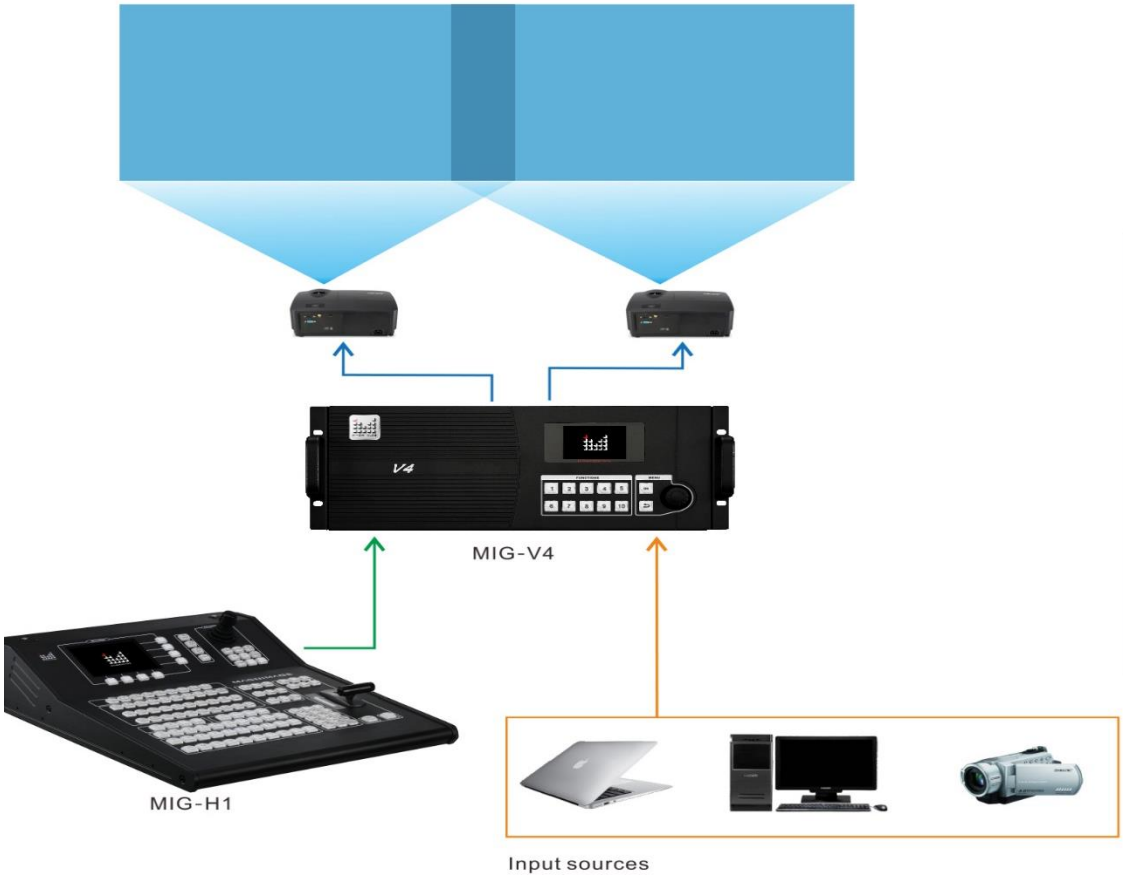


MIG-V4 series Switcher

PROJECTION EDGE FUSION SPLICING

Projection edge fusion splicing

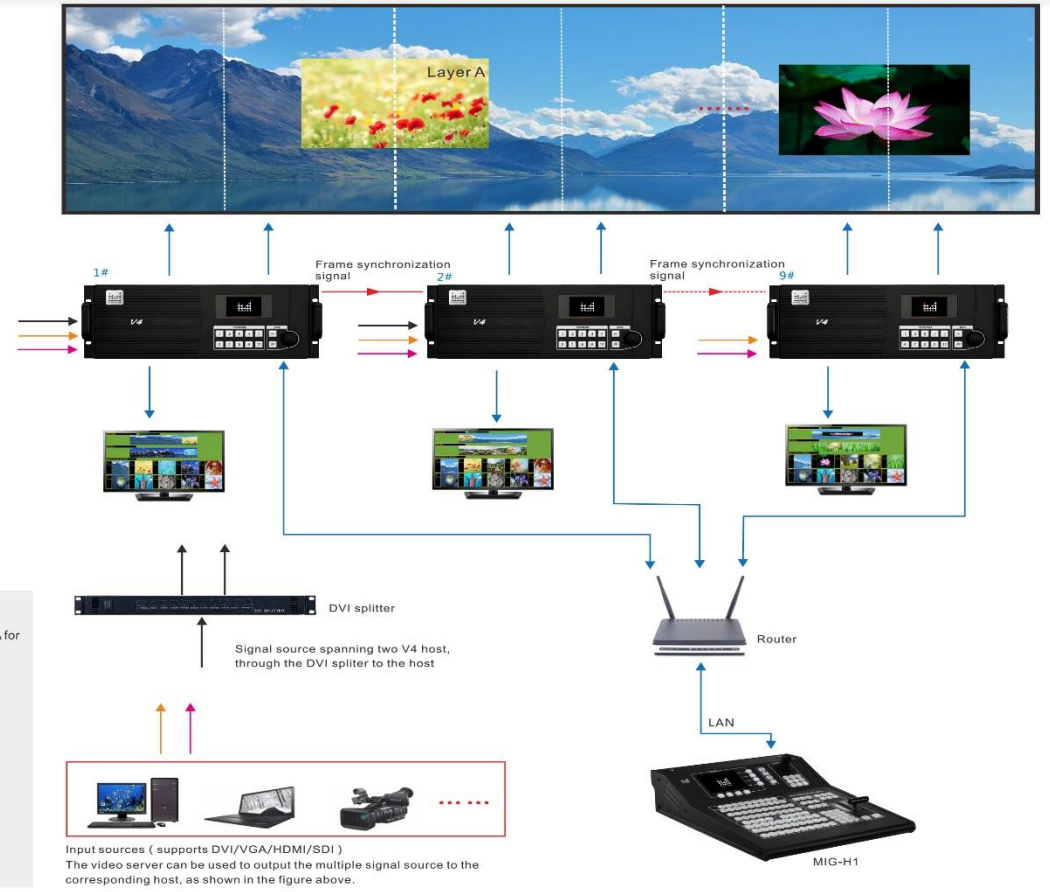
Single V4 host can achieve 2 sets projectors splicing; to use edge fusion function, adjust the parameters of fusion zone position, size, and brightness; by multi V4 hosts centralized control, achieving up to 18 sets of projector fusion splicing.



professional LED display

MIG-V4 series Switcher

MULTI HOST SPLICING



Multi host splicing

To connect each signal source to corresponding V4 host, when there is layer that strides across two V4 hosts, take layer A for example, use a video splitter to connect signal A to two hosts respectively; group the hosts as required.

1. Correct the program output position, splice multi host program output together.
2. Choose hosts independently, edit scenes separately.
3. Multi host scenes synchronous saving.

Multi host template synchronous saving and loading, easy to achieve multi scenes seamless switch.