MagicRGB

Mic Series Video Wall Controller

Device can be controlled as follow : RS232 control and LAN control, and suppport serial port control of remote third-party devices By Using client control software, you can set various ways of output screen splicing display, input signal OSD setting, scene saving, scene polling, etc. Image splicing processors can be widely used in urban safety monitoring, intelligent traffic management, videoconferencing, latge conference centers, large commercial plazas, military command centers, governments, etc.

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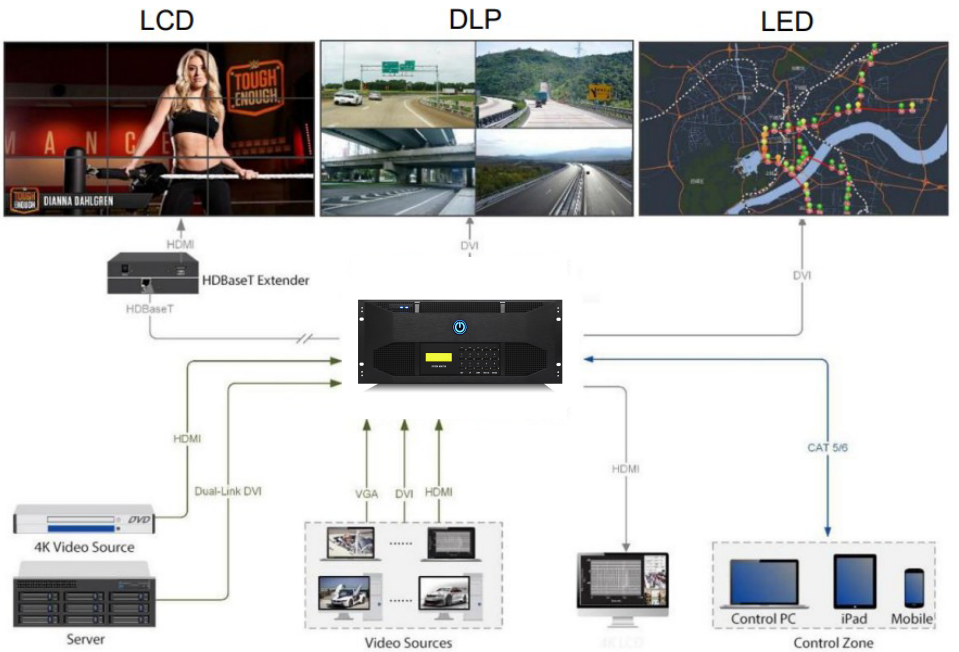
FEATURES

- Hardware as a Service FPGA Array Modular Design Speed Function 6.25 G/S
- Modular design for easy maintenance and expansion in the future All input and output cards are hot swappable, even the power supply can be changed while the system is running.
- The front of the machine has LED lights showing the working status of POW, RUN, RS232, IR and there are no less than 15 selection buttons (1, 2, 3, 4, 5, 6, 7, 8, 9, 0, SET, UP, Drown , Switch , Enter)
- The LCD screen shows the working situation.
- There are 8 side heating fans.
- Support VGA/DVI/HDMI sources self-adaption on single input card
- Supports HDCP2.0 for HDMI input and output.
- Supports opening at least 4 windows on each screen.
- Supports up to 16 video wall control groups on a single controller and works with multiple display screens such as LCD, LED, DLP projectors.
- Supports scene management up to setting and displaying no less than 255 scenes.
- Support EDID, customize the output resolution according to the physical resolution of the display system
- There is a system for displaying incoming video signals. In the control section, the system administrator can check the image before pulling the signal up to display on the main display (Preview).
- Can switch images seamlessly
- Able to preview and monitor input sources
- With power-off memory function
- Multiple user controls can be managed and the software can be set up through authority level operations.
- Can overlay images, zoom in and out, switch between multiple windows, picture-in-picture, full-screen and combined screenshots.
- Synchronous control It can be controlled from all controllers in a specific network and has its own database. Allows users to control the same system on both PC and iPad.
- Control mode: RS232 serial port and LAN network port



SPECIFICATIONS

		Parameters Values			
		Mic - 4U	Mic - 5U	Mic - 5U	Mic - 9U
Slot	Input	8	18	26	36
	Output	9	18	9	36
Power Supply	Input Power	100-240VAC	100-240VAC		100-240VAC
	Maximum Power	100W			
Physical Parameter	Size	400(W)*320(D)*180(H)	400(W)*320(D)*225(H)		400(W)*320(D)*360(H)
	Max Weight	5kg	7kg		14kg
Working environment	Operating temperature	0°C - 40°C			
	Storage temperature	-10°C - 70°C			
Card	Input Card	Quad-Channel HDMI Input Card			
		Quad-Channel VGA Input Card			
		Quad-Channel DVI Input Card			
		Quad-Channel DP Input Card			
		Quad-Channel SDI Input Card			
		Quad-Channel Fiber Input Card			
		Quad-Channel HDBaseT Input Card			
		Dual-Channel 4K HDMI Input Card			
		Dual-Channel 4 K DP Input Card			
		Dual-Channel IP Input Card			
		Dual-Link DVI Input Card			
		8-Channel CVBS Input Card			
	Output Card	Quad-Channel HDMI Output Card			
		Quad-Channel VGA Output Card			
		Quad-Channel DVI Output Card			
		Quad-Channel DP Output Card			
		Quad-Channel SDI Output Card			
		Quad-Channel Fiber Output Card			
		Quad-Channel HDBase Output Card			
		Dual-Channel 4K HDMI Output Card			
	Control Card	Signal Preview card			

Module Design

- Flexible Configuration, Expandable and easy Maintenance
- Hot-Swappable Redundant PSU
- Hot-Swappable I/O Cards

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