



KA133 HDMI SEAMLESS MATRIX 16X16 SWITCH CUM VIDEO WALL



HDMI seamless matrix switcher, the biggest feature of the matrix is that natural black field (normal 2_10s) will not appear as in the traditional matrix in all output switching processes, achieve the true sense of the seamless switching matrix. Input and output are modular design, meet the maximum configuration, more conducive to maintenance. It supports a variety of signals input, and all input and output can be switched seamlessly and arbitrarily. The matrix uses touch control, RS232/LAN and other ways to facilitate users to connect with other control systems. The device works continuously in 7*24 hours, there by ensure the product's stability. There are 8*8/ 16*16/ 32*32/ 64*64 four types by now, OEM of other types are welcome.

Functional characteristics

- 1 Eliminate the inherent black field in the traditional matrix switching process and realize true seamless handover
- 2 Support CVBS, YPbPr, VGA, SDI, HDMI, DVI and other signals input
- 3 Support for HDMI1.4/1.3 version, HDCP1.4 and DVI1.0 standard
- 4 Support EDID automatic management to ensure that every channel signal presents the best effect.
- 5 Support image splicing display, and turn the two function matrix and splicing into one (optional)
- 6 Support plan looping play function , can set looping play switch, looping play time and the channel etc.
- 7 Supply 16 reserved plans, can save and call the plan at anytime, and one-key switch to the saved display condition.
- 8 Automatic save and switch to the display condition before power off
- 9 Support LCD display
- 10 Support Tablet, mobilephone, remote control, RS-232,RJ-45 etc methods of management
- 11 With signal indicator light, monitor the signal condition of input and output conveniently
- 12 HDMI output supports independent audio socket output.
- 13 Support authorized encryption design, can set matrix usage time
- 14 Support automatic balance of long-cable output up to 20 meters.
- 15 Using card inserted case, whole modular design, Flexible configuration and upgrade easily.
- 16 Support 1.5U/ 3U/ 5U cases, apply to 19 inch cabinets.

Technical specifications

Types	Projects	Parameters			
CPU parameters	Case specifications	1.5U	3U	5.5U	9U
	Control panel	1	1	1	1
	Input slot	2	4	8	16
	Output slot	2	4	8	16
	Size(mm)(L*W*H)	48.6*387.5*72mm	48.6*387.5*138mm	48.6*403*240mm	48.6*403*240mm
Board card parameters	Input card	Multiple input can be freely combined: VGA, DVI, HDMI, SD/3G/HD/SD-SDI, CVBS, Ypbpr/Ycbr etc.			
	Output card	DVI, HDMI			
	Maximum support resolution	1920*1080@60hz			
	Support audio format	DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD			
	Transmission distance	Not less than 20 meters, according to cable quality when 1920 X 1200 @60			
Control parameters	Processor management network port	1* RJ-45 port, 10/100M self-adaption, support management and configuration of communication processor			
	Processor management serial port	2* RS-232 ports, support controlling of outreach matrix, screen and other third party devices			
Function parameters	Transmission bandwidth	Single channel 10.2 Gbps			
	Output resolution	Maximum support 1920* 1080(downward compatible), can be customized			
Software parameters	Control software	MATRX 1.0, apply to WindowsXP/Vista/WIN7			
Environment parameters	Working temperature	-10 ~ 60°C			
	Working humidity	5%-95% no cooling			
	Maximum power(W)	300W			
	Electrical characteristics	100-240V AC input,can automatic adjust the power, frequency is 50-60 Hz,			

