HDTV Supply's UHD mixed matrix switcher is a high-performance UHD video signal switching device, which is compatible with digital and analog signal input, and support multi-format signals. Output of any signal can choose the signal source freely without disturbing other output, minimize the attenuation of signal transmission, image and sound signal can be outputted with high fidelity. Our matrix switcher has functions such as breaking electric field protection, LCD and multi-format signals switched, which is with card inserted structure, and support signal input such as HDMI, DVI, Video, VGA and Ypbpr, and HDMI signal output. At the same time, it also has network and RS232 communication interface, which can be used easily by personal computer and control equipment. The device provides a new solution for the professional project that needs digital, audio and video switching.

Functional characteristics

1. Support CVBS, YPbPr, VGA, SDI, HDMI, DVI etc signal sources input.
2. Support HDMI 1.4/ 1.3 version, HDCP1.4 and DV1.0 standard.
3. Support EDID automatic management, ensure every signal source present the best effect.
4. Support plan looping play function , can set looping play switch, looping play time and the channel etc.
5. Supply 16 plans, can save and call the plan at anytime, and one-key switch to the saved display condition.
6. Automatic save and switch to the display condition before power off
7. Support 1.5U/ 3U/ 5U cases, apply to 19 inch cabinets.
8. Support LCD display, switching easily between Chinese and English.
9. Support panel, remote control, RS-232, RJ-45, IPad etc methods of management .
10. With signal indicator light, monitor the signal condition of input and output conveniently.
11. HDMI output supports independent audio socket output. (option)
12. Support Authorized encryption design. can set matrix usage time
13. Support automatic balance of long-cable output up to 20 meters.
14. Using card inserted case, whole modular design, Flexible configuration and upgrade easily.

WolfPack Lite Modular Matrix
Call 833-WOLFPACK

Plasma TV | LCD TV | HD Projector | LCD TV | Video Wall | Monitoring PC

HD mixed matrix switcher

Mobile Tablet Wireless Control

—— SDI Signal
—— Ethernet Cable
—— HDMI Signal
—— VGA Signal
—— Ypbpr Signal
—— AV Signal

Hd camera | PC | Hd camera | PC | DVD player | Digital TV set top box | Hd terminal

Technical specifications

Type	Project	Paremeter				
Host paremeter	Case specification	1U	1.5U	3U	5.5U	9U
	Control panel	1	1	1	1	1
	Input slot	1	2	4	8	16
	Output slot	1	2	4	8	16
	Size(mm)(L)*(W)*(H)	482.6* 230* 43.6mm	482.6* 387.5* 72mm	482.6* 387.5* 138mm	482.6* 403* 240mm	482.6* 403* 383mm
Board arameter	Input card	Multiple input cards can be free combinated:VGA, DVI, HDMI, SD/3G/HD/SD-SDI, RJ45, YPbpr/ YCbcr etc.				
	Output card	DVI, HDMI				
	Support maximum resolution	3840 X 2160 @30 Hz				
	Support audio format	DTS-HD/ Dolby- true HD/ LPCM 7.1/ DTS/ Dolby- AC3/ DSD				
	Transmission distance	Not less than 20 meters, according to cable quality when on 1920 X 1200 @60				
Control parameter	Processor manage ethernet port	1* RJ-45 port, 10/100M self-adaption, support management and configuration of communication processor				
	Processor manage serial port	2* RS-232 ports, support controlling of outreach matrix, screen and other third party devices				
Function parameter	Transmission belt weight	Single channel 10.2 Gbps				
	Output resolution	Maximum support 3840* 2160(downward compatible), can be customized				
Software parameter	Control software	MATRIX 1.0, apply to Windows XP/ Vista/ WIN 7				
Control parameter	Working temperature	-10°C~ 60°C				
	Working humidity	5~95% no cooling				
	Maximum power(W)	300 W				
	Electrical characteristics	Input 100~240V AC, can automatic adiust the power, frequence 50~ 60Hz, N+1 redundance configurable				