

KEDACOM

Display & Control Solution



Reliable Displays Built for Command Center

Splicing Processor

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Splicing Processor is a high performance image processing platform, between video source and transmitter. It can support multiple video signals' input, output and real-time processing, work in the core position of whole system. User can select different i/o card by inserting into different chassis. Options of chassis are 4U, 8U, 14U and 22U.

The product is equipped with high volume, high speed FPGA array and CrossPoint digital multi-bus routing exchange technology, which guarantees all input signal that are processed in real-time and high data uniformity without delay, discretization or frame loss, which offers best-in-class image. In support of multiple screen control with different resolutions, separated display and multi-channel video input displayed anywhere in video wall, all windows can be moved, overlapped, zoomed in and out and PIP displayed freely.



MSP100-X1-4U



MSP100-X1-8U



MSP100-X1-14U



MSP100-X1-22U



• Splicing Processor

Model		MSP100-X1-4U	MSP100-X1-8U	MSP100-X1-14U	MSP100-X1-22U
General	SPEC	19-inch, 4U	19-inch, 8U	19-inch, 14U	19-inch, 22U
	Dimensions (mm)	438 × 316 × 178 (mm)	438 × 316 × 356 (mm)	438 × 316 × 623 (mm)	438 × 316 × 979 (mm)
Card	Input Slot	6	13	24	32
	Output Slot	2	4.5	9	18
	Max. Input Channel	16 × 1080p + 4 × 4K / 24 × 1080p	36 × 1080p + 8 × 4K / 52 × 1080p	64 × 1080p + 16 × 4K / 96 × 1080p	56 × 1080p + 36 × 4K / 128 × 1080p
	Max. Output Channel	4 × 4K / 8 × 1080p4	9 × 4K / 18 × 1080p	18 × 4K / 36 × 1080p	36 × 4K / 72 × 1080p
Control	LAN Port	1 × RJ-45 port, Ethernet 10/100Base-T	1 × RJ-45 port, Ethernet 10/100Base-T	1 × RJ-45 port, Ethernet 10/100Base-T	1 × RJ-45 port, Ethernet 10/100Base-T
	Debug port	2 × RS232 port	2 × RS232 port	2 × RS232 port	2 × RS232 port
Power Supply	Redundant Power Supply	-	Supported	Supported	Supported
	Hot-swap	Supported	Supported	Supported	Supported
	Module	1	1 (the second power is optional)	2	2
	Input Voltage	AC110~220V (50~60Hz)	AC110~220V (50~60Hz)	AC110~220V (50~60Hz)	AC110~220V (50~60Hz)
	Max Consumption	200W	420W	600W	800W
Operation	MTBF	30,000hrs	30,000hrs	30,000hrs	30,000hrs
	MTTR	10s	10s	10s	10s
	Operating temp. (°C)	-10 ~ +55	-10 ~ +55	-10 ~ +55	-10 ~ +55
	Operating humidity (RH)	10~90% RH non-condensing	10~90% RH non-condensing	10~90% RH non-condensing	10~90% RH non-condensing
	Shockproof Level	ISTA 1A carton	ISTA 1A carton	ISTA 1A carton	ISTA 1A carton
	Cooling	Air cooling component	Air cooling component	Air cooling component	Air cooling component

• Cards

Model	Type	Channel	Port	Resolution
D-IC	Input	4	DVI-D	1080p
R-IC	Input	4	VGA	1080p
H-IC	Input	4	HDMI	1080p
N-IC	Input	4	Twisted-pair	1080p
F-IC	Input	4	Optical	1080p
V-IC	Input	16	CVBS(2 DVI convert to 16 CVBS)	NTSC/PAL
W-IC	Input	4	CVBS	NTSC/PAL
S-IC	Input	4	SD / HD / 3G SDI	1080p
R+IC	Input	4	YPbPr	1080p
HD-IC	Input	2	Dual-link DVI	4K
UH-IC	Input	2	HDMI 1.4	4K
DP-IC	Input	2	DP	4K
HI-IC	Input	2	RJ45	1080p
D-OC	Output	4	DVI-I / VGA	1080p
H-OC	Output	4	HDMI	1080p
N-OC	Output	4	Twisted-pair	1080p
S-OC	Output	4	SDI	1080p
F-OC	Output	4	Optical	1080p
UH-OC	Output	2	HDMI 1.4	4K
HD-OC	Output	2	Dual-link DVI	4K
02PV	Signal premonitor	128	RJ45	Supports browse channel signal source real-time by computer software