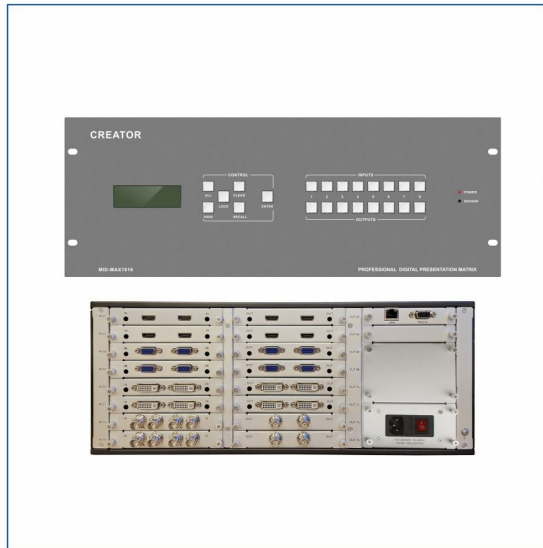


CR-MID MAX0808/1616/3636/8080/140140

MID-MAX series hybrid matrix switchers



CR-MID MAX0808
Size (mm):
483(W)x365(D)x89(H)



CR-MID MAX1616
Size (mm):
483(W)x365(D)x178(H)



CR-MID MAX3636
Size (mm):
483(W)x365(D)x356(H)



CR-MID MAX140140
Size (mm):
483(W)x365(D)x1290(H)

Product overview

MID-MAX series modular multi-format mixed seamless switching matrix is a high performance video signal switching equipment. It supports up to 8~140 inputs, 8~140 outputs with many kinds of daughter cards. This product supports multiple video formats input and output. And it supports video wall as well.

Multi-format matrix using the daughter cards structure, flexible and convenient installation. The input/output port support: HDbaseT, SDI, HDMI, VGA, DVI-U(HDMI/DVI/VGA/YPbPr/CVBS).With the Ethernet/LAN and RS232 communication interface, through the PC software to control the matrix signal switching, monitoring the working status of the matrix, set the signal resolution, etc.

This can provide one-stop solution for multiple types of visual signals and control signals switching and processing in various industries, especially for Broadcasting and Television Projects, Multimedia Meeting Rooms, Big Display Projects, TV Education, Smart Traffic Management Centers, and Command Center, etc.

Features

- Maximum resolution of 1920 x 1080@60Hz (2K cards); 3840x2160@60Hz(4K cards);
- Support HDMI 2.0, HDCP 2.2, YUV 4:4:4, audio 7.1 CH;
- Support video wall;
- HDBaseT cards support POC;
- Full digital switching: real seamless switching for all types of output cards.
- Redundant power supply(CR-MID MAX0808/1616 is with single module, and double modules optional. CR-MID MAX3636 and above are with double power modules);
- Support Seamless switching;
- Support up to 8~140 inputs and 8~140 outputs;
- Input/Output port: HDbaseT, 3G-SDI, HDMI, DVI-U(HDMI/DVI/VGA/YPbPr/CVBS);
- Control interface: RS232,Web-based Ethernet/LAN;
- PC software to facilitate remote control, real-time display the input and output status;
- Scalar inside, output resolution control available;
- Support video wall function;
- Character overlay function: Font / color / size control available.

Specifications

The parameter name	CR-MID MAX0808/1616 /3636/8080/140140	
Interface	The input card can be connected to Quantity / input channels	4/8 8/16 18/36 40/80 70/140
	The output card can be connected to Quantity / output channels	4/8 8/16 18/36 40/80 70/140
	Support input card type	DMAX-IN HDMI2; DMAX-IN DVI2; DMAX-IN HD2; DMAX-IN VGA2; DMAX-IN SDI2; DMAX-IN HDMI2-4K; DMAX-IN HD2-4K;
	Support output card type	DMAX-OUT HDMI2-S; DMAX-OUT DVI2; DMAX-OUT HD2; DMAX-OUT VGA2; DMAX-OUT SDI2; DMAX-OUT HDMI2-4K; DMAX-OUT HD2-4K;
Serial port control	Serial port control interface	RS-232, 9-pin female D interface and 9-pin male D interface
	The baud rate and protocol	Baud rate: 9600, Data bits: 8 Stop bit: 1, No parity
	Structure of serial control	9-pin D female interface: 2 = TX, 3 = RX, 5 = GND
Front panel	Control button	Physical control buttons
	Display	LCD status display
Ethernet control	Ethernet control interface	RJ-45 bus interface
	Ethernet Control Protocol	TCP/IP
	Ethernet IP type	Static IP, Automatic IP
Specifications	Working power supply	100VAC ~ 240VAC,50/60 Hz,
	Storage, use temperature	-4 - 140°F / -20 - 60°C; 32 - 104°F / 0 - 40°C
	Storage, use humidity	20 - 90% RH (no condensation)
	Box size	2U 4U 8U 16U 29U
	Gross weight	9kg 13kg 23kg 44kg 88kg
	No-load power consumption (redundant)	100W 200W 350W*2 350W*4 500W*4
	Mean time between failures	30,000 hours
	The warranty	1 year free warranty

DMAX-IN HDMI2-4K

HDMI input card



DMAX-OUT HDMI2-4K

HDMI output card



DMAX-IN HD2/DMAX-IN HD2-4K

HDBaseT input card



DMAX-OUT HD2/DMAX-OUT HD2-4K

HDBaseT output card



DMAX-IN HDMI2

HDMI input card



DMAX-OUT HDMI2-S

HDMI output card



DMAX-IN DVI2

DVI input card



DMAX-OUT DVI2

DVI output card



DMAX-IN VGA2

VGA input card



DMAX-OUT VGA2

VGA output card



DMAX-IN SDI2

SDI input card



DMAX-OUT SDI2

SDI output card



Specifications

The parameter name		MID-MAX 2K seamless cards
Input	Signal	Format
	HDMI	HDMI 1.3A, Up to 1080P60
	HDBaseT	Up to 1080P60
	DVI	Up to 1080P60
	VGA	Up to 1080P60
	SDI	480i/60, 576i/50, 1080i/60, 1080i/50, 720p/60, 720p/50, 1080p/24/25/30/50/60
Output	HDMI	HDMI 1.3A, Up to 1080P60
	HDBaseT	Up to 1080P60
	DVI	Up to 1080P60
	VGA	Up to 1080P60
	SDI	480i/60, 576i/50, 1080i/60, 1080i/50, 720p/60, 720p/50, 1080p/24/25/30/50/60

Specifications

The parameter name		MID-MAX 4K seamless cards
Input	Signal	Format
	HDMI	Up to HDMI 2.0 4K@60Hz(4:4:4)
	HDBaseT	4K@60Hz(4:2:0) works with HDBaseT seamless transmitter
Output	HDMI	Up to HDMI 2.0 4K@60Hz(4:4:4)
	HDBaseT	4K@60Hz(4:2:0) works with HDBaseT seamless receiver

System connection diagram

