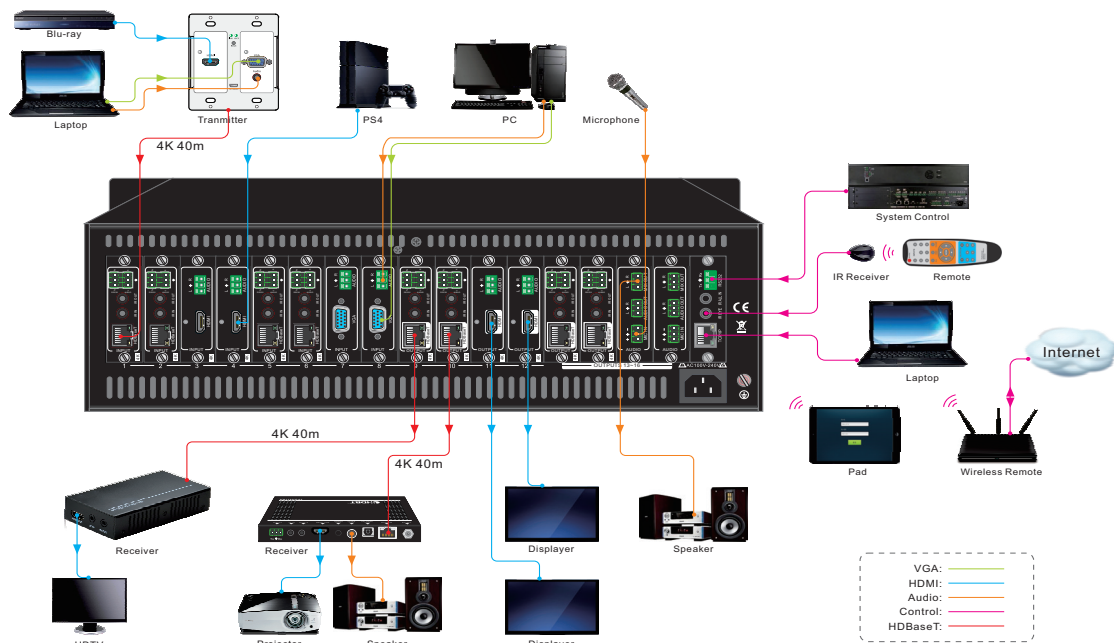


FMX16 is an Ultra 4K seamless supported, true flexible modular design, high-performance matrix switcher chassis with 16 slots. This modular design features 12 slots designed for input or output cards, 4 slots fixed for output cards only, with 1x15 to 12x4s witchers or in between.



Card Slot	16 PCI-E
Control	1 IR ALL IN (3.5mm Mini Jack) 1 IR EYE (3.5mm Mini Jack) 1 RS232 (3-Pin phoenix connector) 1 TCP/IP (RJ45)
Cards	HDMI, VGA, HDBaseT, Audio, DVI, SDI
Temperature	-10 ~ +50°C
Relative Humidity	10% ~ 90%
Power Supply	100V~240V AC, 50/60Hz
Power Consumption	13W(no load)
Chassis Dimension	W483mm x H132mm x D380mm

- Flexible and modular design, 12 slots for input or output cards, 4 slots fixed for output cards.
- Comprehensive signal card compatibility: HDMI/DVI/SDI/VGA/HDBT/Audio etc.
- Automatically recognize I/O hot-plug signal card, output resolution adjustable.
- Ultra 4K seamless switching.
- HDCP 2.2 compliant.
- Smart EDID management.
- HDBaseT cards with PoH function.
- Controllable via front panel buttons, IR, RS232 & TCP/IP.
- Touch panel control for great customer experience.





FMX-IBT

The FMX-IBT is an HDBaseT 4K seamless inputcard with audio embedded signal for FMX system. Paired with transmitter for transmission of HDMI, IR, RS232, PoH up to 70m.

Port	1 x HDBT IN (RJ45), 1 x Audio IN(3-pin pluggable terminal), 1 x RS232 (3-pin pluggable terminal),1 x IR IN(3.5mm mini jack),1 x IR OUT(3.5mm mini jack)
Signal Standard	HDMI 1.4, HDCP 2.2
EDID	Supports EDID Management
Audio Format	PCM
Working Temperature	0 ~ +50°C
Relative Humidity	10% ~ 90%
Power Consumption	15W



FMX-IUH

The FMX-IUH is an HDMI 4K seamless input card with audio embedded signal for FMX system.

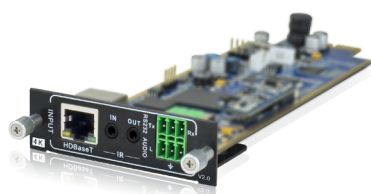
Port	1 x HDMI (female), 1 x Audio (3-pin pluggable terminal block)
Signal Standard	HDMI 1.4, HDCP 2.2
EDID	Supports EDID Management
Audio Format	PCM
Working Temperature	0 ~ +50°C
Relative Humidity	10% ~ 90%
Power Consumption	4W



FMX-IUV

The FMX-IUV is a VGA 4K seamless input card with audio embedded signal for FMX system. It support input VGA up to 1080P signal scale upto 4K@30Hz 4:4:4.

Port	1 VGA(Female 15 pin HD); 1 Analog audio(3-pin pluggable terminal block)
CMRR	>85dB@20Hz~20KHz
Input Resolution	Up to 1920x1200@50/60Hz
Audio Format	PCM
Working Temperature	0 ~ +50°C
Relative Humidity	10% ~ 90%
Power Consumption	2W



FMX-IBT100

The FMX-IBT is an HDBaseT 4K seamless input card with audio embedded signal for FMX system. Paired with transmitter for transmission of HDMI, IR, RS232, PoH up to 100m.

Port	1 x HDBT IN (RJ45), 1 x Audio IN(3-pin pluggable terminal), 1 x RS232 (3-pin pluggable terminal),1 x IR IN(3.5mm mini jack),1 x IR OUT(3.5mm mini jack)
Signal Standard	HDMI 1.4, HDCP 2.2
EDID	Supports EDID Management
Audio Format	PCM
Working Temperature	0 ~ +50°C
Relative Humidity	10% ~ 90%
Power Consumption	15W

FMX 4K Input Cards

FMX 4K Output Cards



FMX-OBT

The FMX-OBT is an HDBaseT 4K seamless output card with audio de-embedded signal for FMX system. Paired with receiver for transmission of HDMI, IR, RS232, PoH up to 70m.

Port	1 x HDBT OUT (RJ45), 1xAudio OUT(3-pin pluggable terminal), 1 x RS232 (3-pin pluggable terminal),1 x IR IN(3.5mm mini jack),1 x IR OUT(3.5mm mini jack)
Signal Standard	HDMI 1.4, HDCP 2.2
EDID	Supports EDID Management
Output Resolution	Auto,4Kx2K@60Hz,4Kx2K@30 Hz,1024x768@60Hz,1920x1080@60Hz,1280x720@60Hz
Audio Format	PCM
Working Temperature	0 ~ +50°C
Relative Humidity	10% ~ 90%
Power Consumption	17W



FMX-OUH

The FMX-IUH is an HDMI 4K seamless output card with audio de-embedded signal for FMX system.

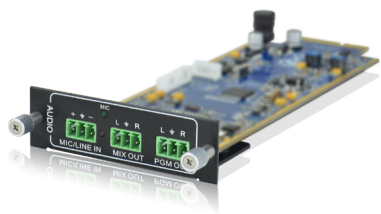
Port	1 x HDMI (female), 1 x Audio (3-pin pluggable terminal block)
Signal Standard	HDMI 1.4, HDCP 2.2
EDID	Supports EDID Management
Output Resolution	Auto,4Kx2K@60Hz,4Kx2K@30 Hz,1024x768@60Hz,1920x1080@60Hz,1280x720@60Hz
Audio Format	PCM
Working Temperature	0 ~ +50°C
Relative Humidity	10% ~ 90%
Power Consumption	1.5W



FMX-OBT100

The FMX-OBT100 is an HDBaseT 4K seamless output card with audio de-embedded signal for FMX system. Paired with receiver for transmission of HDMI, IR, RS232, PoH up to 100m.

Port	1 x HDBT OUT (RJ45), 1xAudio OUT(3-pin pluggable terminal), 1 x RS232 (3-pin pluggable terminal),1 x IR IN(3.5mm mini jack),1 x IR OUT(3.5mm mini jack)
Signal Standard	HDMI 1.4, HDCP 2.2
EDID	Supports EDID Management
Output Resolution	Auto,4Kx2K@60Hz,4Kx2K@30 Hz,1024x768@60Hz,1920x1080@60Hz,1280x720@60Hz
Audio Format	PCM
Working Temperature	0 ~ +50°C
Relative Humidity	10% ~ 90%
Power Consumption	17W



FMX-OAU2

FMX-OAU2 is a professional audio outputcard with MIC/LINE input, MIX and PGM outputs for FMX system.

Port	1 x MIC/LINE IN (3-pin pluggable terminal block)
Output	1 x MIX OUT (3-pin pluggable terminal block); 1 x PGM OUT (3-pin pluggable terminal block)
Signal Format	PCM
CMRR	>85dB@20Hz~20KHz
Frequency Response	20Hz ~ 20KHz, ± 0.5 dB
Working Temperature	0 ~ +50°C
Relative Humidity	10% ~ 90%
Power Consumption	5w (max)

FMX Audio Card



FMX-IDV

The FMX-IDV is a DVI 1080P seamless input card with audio embedded signal for FMX system.

Port	1 x DVI (female DB24+5), 1 x Audio (3-pin pluggable terminal block)
Signal Standard	HDMI1.3 & HDCP Compliant
EDID	Supports EDID Management
Audio Format	PCM
Working Temperature	0 ~ +50°C
Relative Humidity	10% ~ 90%
Power Consumption	4.5W



FMX-IHD

The FMX-IHD is a HDMI 1080P seamless input card with audio embedded signal for FMX system.

Port	1 x HDMI (female), 1 x Audio (3-pin pluggable terminal block)
Signal Standard	HDMI1.3 & HDCP Compliant
EDID	Supports EDID Management
Audio	PCM
Working Temperature	0 ~ +50°C
Relative Humidity	10% ~ 90%
Power Consumption	5W



FMX-ISD

The FMX-ISD is a SDI 1080P seamless input card with 1 SDI loop out for FMX system. It support 3G-SDI, HD-SDI & SDI.

Input	1 x SDI (female BNC)
Output	1 x SDI LOOP (female BNC)
Signal Standard	3G-SDI/HD-SDI/SDI
Output Resolution	1080P (max)
Transmission Distance	(1080P) ≤ 160m
Data Type	8 & 10 & 12bit
Working Temperature	0 ~ +50°C
Relative Humidity	10% ~ 90%
Power Consumption	6.1W



FMX-ITP

The FMX-ITP is a HDBaseT 1080P seamless input card with audio de-embedded signal for FMX system. Paired with a transmitter for transmission of HDMI, IR, RS232, PoH up to 70m.

Port	1 x HDBT (RJ45), 1 x Audio (3-pin pluggable terminal block)
Signal Standard	HDMI1.3 & HDCP Compliant
EDID	Supports EDID Management
Audio	PCM
Transmission Distance	1080P ≤ 70m
Working Temperature	0 ~ +50°C
Relative Humidity	10% ~ 90%
Power Consumption	13.5W



FMX-IVG

The FMX-IVG is a VGA 1080P seamless input card with audio embedded signal for FMX system. It compatible with YPbPr, C-video & S-video.

Port	1 x VGA (female 15 pin HD), 1 x Audio (3-pin pluggable terminal block)
Signal Standard	VGA, CVBS, YPbPr
Output Resolution	VGA: 800x600, 1024x768, 720p, 1280x1024, 1080i, 1080P, 1920x1200 YPbPr: 720p, 1080i, 1080P
CVBS	6.75Gbps
Working Temperature	0 ~ +50°C
Relative Humidity	10% ~ 90%
Power Consumption	4.6W

Input Cards

FMX HD



FMX-ODV

The FMX-ODV is a DVI 1080P seamless output card with audio embedded signal for FMX system.

Port	1 x DVI (female DB24+5), 1 x Audio (3-pin pluggable terminal block)
Signal Standard	HDMI1.3 & HDCP Compliant
EDID	Supports EDID Management
Audio Format	PCM
Output Resolution	Auto, 800x600, 1024x768, 720p, 1280x1024, 1080i, 1080P, 1920x1200
Working Temperature	0 ~ +50°C
Relative Humidity	10% ~ 90%
Power Consumption	3.5W



FMX-OHD

The FMX-OHD is a HDMI 1080P seamless output card with audio embedded signal for FMX system.

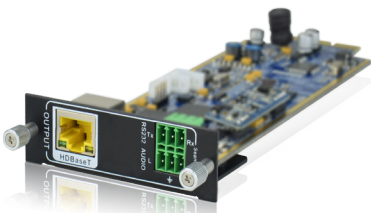
Port	1 x HDMI (female), 1 x Audio (3-pin pluggable terminal block)
Signal Standard	HDMI1.3 & HDCP Compliant
Audio	PCM
Bandwidth	6.75Gbps
EDID	Supports EDID Management
Output Resolution	Auto, 800x600, 1024x768, 720P, 1280x1024, 1080i, 1080P, 1920x1200
Working Temperature	0 ~ +50°C
Relative Humidity	10% ~ 90%
Power Consumption	2.7W



FMX-OSD

The FMX-OSD is a SDI 1080P seamless output card with 1 SDI loop out for FMX system. It support 3G-SDI, HD-SDI & SDI.

Port	1 x SDI (female BNC), 1 x SDI LOOP (female BNC)
Signal Standard	3G-SDI/HD-SDI/SDI
Output Resolution	1080P (max)
Transmission Distance	(1080P)≤160m
Data Type	8 & 10 & 12bit
Working Temperature	0 ~ +50°C
Relative Humidity	10% ~ 90%
Power Consumption	6.1W



FMX-OTP

FMX-OTP is a HDBaseT & Analog Audio output card supporting 1080P for FMX chassis. Paired with a receiver like TPUH411R for transmission of AV, RS232 signals.

Port	1 x HDBT (RJ45), 1 x Audio (3-pin pluggable terminal block)
Signal Standard	HDMI1.3, DVI1.0 & HDCP1.3
Audio	PCM
EDID	Supports EDID Management
Output Resolution	Auto, 800x600, 1024x768, 720p, 1280x1024, 1080i, 1080P, 1920x1200
Transmission Distance	1080P≤70m
Working Temperature	0 ~ +50°C
Relative Humidity	10% ~ 90%
Power Consumption	14W



FMX-OVG

FMX-OVG is a VGA and Analog Audio output card for FMX chassis, compatible with YPbPr, C-video & S-video.

Port	1 x VGA (female 15 pin HD), 1 x Audio (3-pin pluggable terminal block)
Signal Standard	VGA, CVBS, YPbPr
Output Resolution	VGA: 800x600, 1024x768, 720p, 1280x1024, 1080i, 1080P, 1920x1200 YPbPr: 720p, 1080i, 1080P
CVBS	6.75Gbps
Working Temperature	0 ~ +50°C
Relative Humidity	10% ~ 90%
Power Consumption	4W

Output Cards

FMX HD