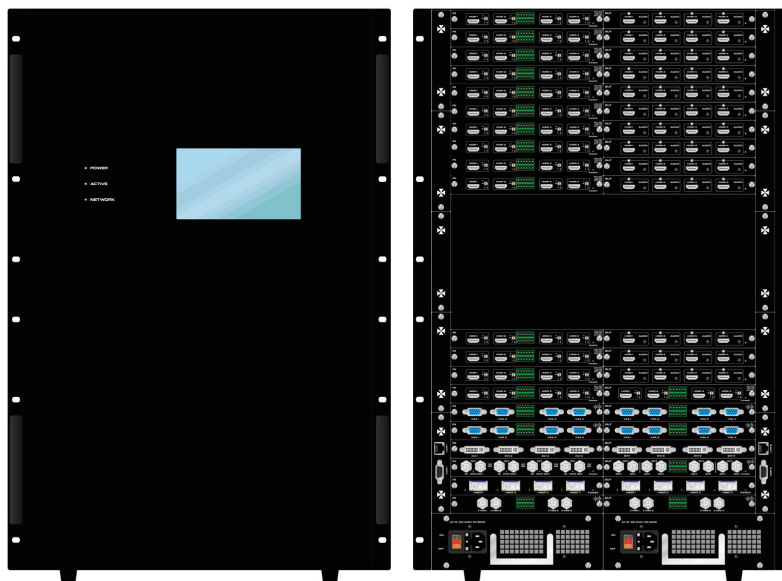


80x80 Modular Matrix Switcher with iPad APP control

FM-8000F



Features

- ▼ Modular designing chassis, with 80 input slots and 80 output slots
- ▼ 1-card4-portcards
- ▼ Supports 1080P, 4K30 and 4K60 cards for selections
- ▼ Supports DVI-I/ HDMI/ 3GSDI/ HDBaseT/ Fiber to mix using
- ▼ Support Video wall and seamless switching with the 1080P and 4K60 cards
- ▼ Support 3.5mm audio embedded and de-embedd function
- ▼ Support up/down scaling function via the DIP switch
- ▼ Support dual LAN and RS232 ports for backup control
- ▼ Supports WEBGUI, APP, 7-Inch touch screen, RS232 commands control
- ▼ Support auto saving protection and auto recovery function while power cut






















This is a modular matrix switcher, with 80 input slots and 80 output slots, so it can support maximum 80 inputs and 80 outputs, all the input and output cards are using 1-card 4-port, the signals are including the DVI, HDMI, HDBasT, Fiber Optic, 3G-SDI. Users are able to have mixed signals inputs and mixed signals outputs.

Unique signal links shielding designing technology to make sure the signal completeness, the internal data switch has super strong capacity of resisting disturbance and long continuous and stable working ability. Supports 7*24 continuously working and with dual LAN and RS232 backup control, it's convenient for users to control via PC, iPad, APP and the 3rd parties central control by the the RS232 control commands.

Specification

Name	80x80 modular matrix chassis
Description	80x80 Modular Matrix System Chassis
Input	1-card 4-port input, including DVI/HDMI/VGA/CVBS/YPbPr/SDI/ HDBaseT/Fiber
Output	1-card 4-port output, including DVI/HDMI/VGA/CVBS/YPbPr/SDI/ HDBaseT/Fiber
Protocol Standard	Support HDMI1.4, HDMI2.0, DVI1.0. HDCP1.4, HDP2.2
Color Space	Support RGB444, YUV444, YUV422 , x.v.C standard color extension
Resolution	640×480---3840×2160@60Hz(VEESA), 480i---4K@60Hz(HDTV)
Distance	HDMI/DVI: 15m/40ft ; HDBaseT: 70m/220ft; Fiber: 2km/6000ft
Control	iOS/Android Apps, WEB GUI, RS232 & 10" Color Touchscreen
Power	AC: 110V—260V 50/60Hz
Consumption	180W(No Cards)
Dimension	16U, 482*390*726(mm)/ 18.97*15.35*28.58(inch)
Weight	28kg/61.7294lbs (No Cards)
Work Temperature	0°C ~50°C
Storage Temperature	-20°C ~55°C

Input & output card

1080P cards			
1080p 5V/5V Input cards	4-port 1080P MAV(DVI-I) input card	FM-IN-5V/M-A8AV	
	4-port 1080P HDMI input with audio in	FM-IN-5V/M-HD	
	4-port 1080P VGA input with audio in	FM-IN-5V/M-VGA	
	4-port 1080P CVBS input with audio in	FM-IN-5V/M-CVBS	
	4-port 1080P SDI input with audio in	FM-IN-5V/M-3GSDI-TW	
	2-port SDI+2-port HDMI input card	FM-IN-5V/M-2SDI	
1080p 5V/5V Output cards	4-port 1080P 70m/220R HDBaseT input card with RS323/audio out	FM-IN-5V/M-HDBT-70	
	4-port 1080P 100m/330R HDBaseT input card with RS323/audio out	FM-IN-5V/M-HDBT-100	
	4-port 1080P HDMI output card with audio out	FM-OUT-5V/M-HD	
	4-port 1080P DVI output card	FM-OUT-5V/M-DVI	
	4-port 1080P VGA output card with audio out	FM-OUT-5V/M-VGA	
	4-port 1080P CVBS output card with audio out	FM-OUT-5V/M-CVBS	
1080p 5V/5V Output cards	4-port 1080P SDI output card with audio out	FM-OUT-5V/M-3GSDI	
	4-port 1080P 70m/220R HDBaseT Output card with audio out	FM-OUT-5V/M-HDBT-70	
	4-port 1080P 100m/330R HDBaseT output card with audio out	FM-OUT-5V/M-HDBT-100	
4K60 cards			
4K60 HDR	4-port HDR 4k60 HDMI input card with audio in	FM-IN-HD-4K60	
	4-port HDR 4k60 HDMI output card with audio out	FM-OUT-HD-4K60	
4K60 SVM	4-port PTP 4k60 HDMI input card with audio in	FM-IN-5V/M-HD-4K60	
	4-port PTP 4k60 HDMI output card with audio out and video wall	FM-OUT-SVM-HD-4K60	
Function cards			
Functional cards	4-port H.264/265 decoding card	FM-IN-IP	
	1-port H.264/265 encoding card	FM-OUT-IP	
	1-port 4K60 quad-view output card with USB capture	FM-OUT-QUVC-4K60	
	WEB-Based Control card	FM-CONTROL	

Dimension

