

MODULAR MMX144144-N



Control parts			
Serial control port	RS-232, (9- female D connector)		
Options Control	TCP/IP control		
IR Control	IR remote control from embedded IR		
Button Control	Buttons control at front panel		
In & Out	36 slots for input cards, 36 slots for output cards		
General			
Power Supply	100V~240V AC,50/60Hz	Power Consumption	550W (Max)
Temperature	0°C ~+50°C	Humidity	10%~90%
Dimension (W*H*D)	1315 x 437 x 448mm	Material	Aluminum

About MMX144144-N

MMX144144-N is a high-performance video and audio modular matrix switcher supporting max 144 input signal sources and 144 output display synchronously. It supports different video signals with cross switching. Every video or audio signal is transmitted and switched independently to decrease signal attenuation. MMX144144-N supports various changeable cards including HDMI, DVI, VGA, SDI and HDBaseT etc. Users can choose to insert different signal card for different application.

MMX144144-N have power fail memory function and audio can break away from or follow the video to switch. It has RS232 port for serial control and optional IP port for TCP/IP control, can be easily controlled by third-part devices.

With its flexible design, MMX144144-N can be used for different project and tend to be an all-in-one solution. It is the combo solution for multimedia conference rooms, control rooms, broadcasting rooms, shopping center etc. It will handle all the audiovisual management, including the switching, driving, scaling etc.

Features

- Modular chassis with configurable I/O slots, ranging from 4x4 to 144x144.
- Various I/O cards, includes HDMI, HDBaseT, SD/HD/3G-SDI, DVI and VGA cards (Compatible with YUV, YC & CVBS.) to configure any matrix.
- Truly cross-point switching, any input to any output, regardless signal format.
- Support HDMI1.4a, support 3D.
- Integrated HDBaseT technology.
- Controllable via button, RS232 & optional TCP/IP, also compatible with 3rd parties control.
- HDCP compliant.
- LCD display.
- EDID management



Input Cards

Spec Models	Inputs	Signal Format
4I-HD	4	HDMI
4I-HS	4	HDMI& analog audio
4I-DV	4	DVI
4I-DS	4	DVI, HDMI, VGA, AV, YPbPr
4I-VG	4	VGA
4I-VA	4	VGA& analog audio
4I-SD	4 inputs& LOOP	SDI
4I-SS	4 inputs& LOOP	SDI
4I-TP	4	HDMI TP, IR, RS232
4I-UH	4	HDMI& analog Audio
4I-UF	4	Optical Fiber
4I-BT	4	HDBT, RS232, Audio

4I-HD: input card, maximum four input signal. Input signal can pass to output device through 4O-HD, or other kinds of output cards.



4I-DV: input card, maximum four input signal. Input signal can pass to output device through 4O-DV or other kinds of output cards.



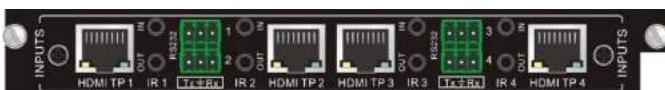
4I-VG: input card, maximum four input signal, support VGA (RGBHV), YPbPr, S-video, C-video& CVBS. Input signal can pass to output device through any kinds of output cards.



4I-SD: input card, maximum four input signal. Input signal can pass to output device through 4O-SD, or other kinds of output cards.



4I-TP: input card, maximum input four HDMI TP signal. Input signal can pass to output device through 4O-TP, or other kinds of output cards, need to work with HDBT Transmitters.



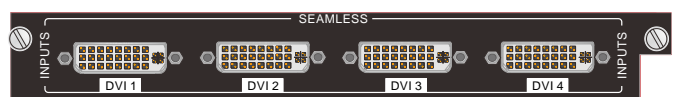
4I-UF: input card with indicators, maximum four input signal, and corresponding indicator illuminates green when there is input signal. Input signal can pass to output device through 4O-UF, or pass through other kinds of output cards.



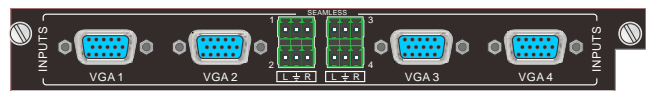
4I-HS: input card, maximum four input signal. Input signal can pass to output device through 4O-HS, or other kinds of output cards.



4I-DS: seamless input card, maximum four input signal. It can automatically identify the format of input signal. Input signal can pass to output device through 4O-DS, or other kinds of output cards.



4I-VA: input card, maximum four VGA inputs and four stereo audio inputs. Input signal can pass to output device through any kinds of output cards.



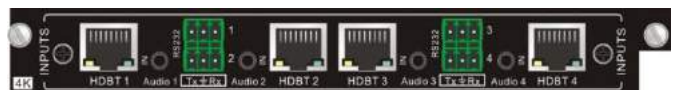
4I-SS: input card, maximum four input signal. Input signal can pass to output device through 4O-SD, or other kinds of output cards.



4I-UH: input card, maximum four input signal. Input signal can pass to output device through 4O-UH, or other of output cards.



4I-BT: input card, maximum input four HDBT signal. Input signal can pass to output device through 4O-BT, or kinds of output cards, need to work with HDBT transmitters.



Output Cards

Spec Models	Outputs	Signal Format
4O-HD	4	HDMI
4O-HS	4	HDMI& analog audio
4O-DV	4	DVI
4O-DS	4	DVI, HDMI, VGA, AV, YPbPr
4O-VG	4 VGA& Stereo audio	VGA, analog audio
4O-SD	4 outputs& LOOP	SDI
4O-TP	4	HDMI TP, IR, RS232
4O-UH	4	HDMI& analog Audio
4O-UF	4	Optical Fiber
4O-BT	4	HDBT, RS232, Audio

4O-HD: output card, maximum four output signal, output signals from 4I-HD, or other kinds of input cards.



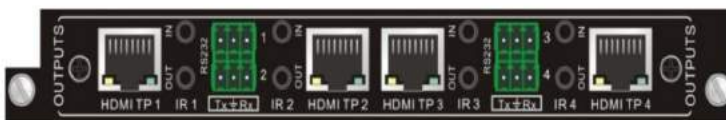
4O-DV: output card, maximum four output signal, output signals from 4I-DV, or other kinds of input cards.



4O-VG: output card, maximum four VGA output signal and 4 stereo audio outputs, output video signal from 4I-VG, or other kinds of input cards, and output audio signal from the audio of the input signal.



4O-TP: output card, maximum output four HDMI TP signal, output signals from 4I-TP, or other kinds of input cards, need to work with HDBT Receivers.



4O-UF: output card with indicators, maximum four output signal, output signals from 4I-UF, or other kinds of input cards; corresponding indicator illuminates green when there is output signal.



4O-HS: output card, maximum four output signal, output signals from 4I-HS, or other kinds of input cards.



4O-DS: seamless output card, maximum four output signal. Automatically recognize output signal (HDMI/ DVI), and output resolution is adjustable.

Output signal can come from 4I-DS, or from other kinds of input cards. It supports off memory for resolution, signal format, HDCP compliant status.



4O-SD: output card, maximum four output signal, output signals from 4I-SD, or other kinds of input cards.



4O-UH: output card, maximum four output signal, output signals from 4I-UH, or other kinds of input cards, HDCP compliant status settable via RS232 command



4O-BT: output card, maximum output four HDBT signal, output signals from 4I-BT, or other kinds of input cards, need to work with HDBT receivers.

