









# 8U MATRIX Hybrid Matrix Switcher



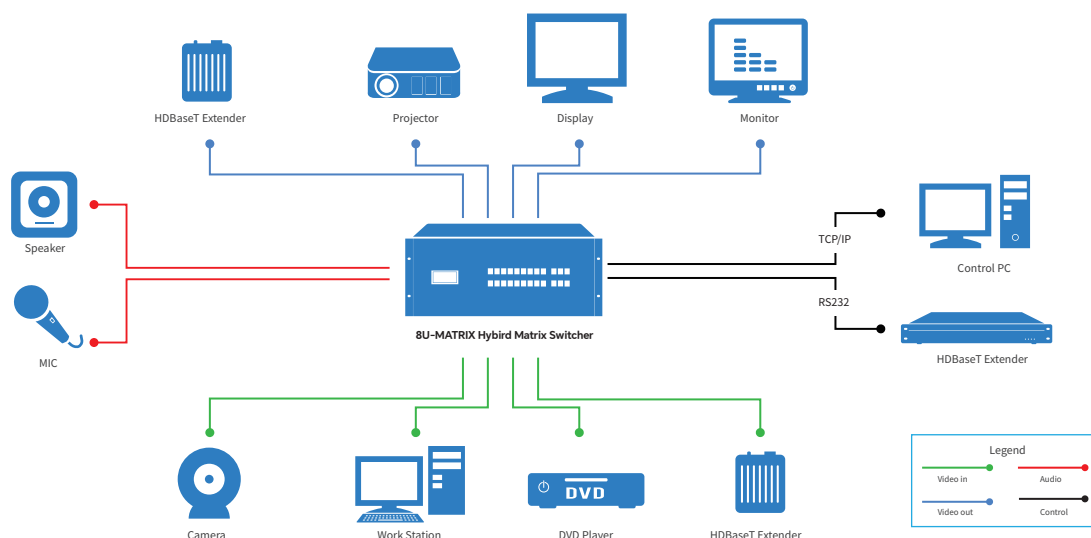
New upgrade  
4-channel each card  
Seamless switching

8U MATRIX Hybrid Matrix Switcher hybrid matrix is supports 4K60Hz UHD video signal collection and transmission. Resolution reach full 4:4:4 chroma sampling in RGB color gamut, 4-channel each card, supports seamless switching, character overlay and other functions. It is a product with rich interfaces and clear performance. Large, high-quality hybrid matrix can be widely used in smart teaching, security monitoring, corporate conference rooms and other places.

## Features

- **4K@60 4:4:4**  
4K@60Hz signal acquisition and transmission, resolution up to full 4:4:4 chroma sampling in RGB color gamut.
- **Seamless Switch**  
Switch among different input and output, no delay or black screen.
- **A/V SYNC**  
Embedded & independent audio switched simultaneously with video.
- **EDID Management**  
EDID reading and editing, increasing compatibility of input.
- **Hot Swap**  
The board supports hot swapping, easy for replacement, upgrade and expansion, improves equipment maintainability.
- **Picture Adjustment**  
Supports screen brightness, contrast and sharpness adjust, perfectly solve display color asymmetry problem.
- **Android APP**  
Supports Android tablets and mobile phones control the matrix through APP.
- **Text Overlay**  
Support text and dynamic-time overlay on all channels.

## Diagram



## Specification

Input Card	Description		
HDMI 1.3	Support 4-channel HDMI input, maximum resolution up to 1920*1200@60Hz, support independent and embedded audio		
HDMI 2.0	Support 4-channel HDMI input , maximum resolution up to 3840*2160@60Hz, support independent and embedded audio		
DVI	Support 4-channel DVI input, maximum resolution up to 1920*1200@60Hz		
VGA	Support 4-channel VGA input, maximum resolution up to 1920*1200@60Hz, support independent audio		
SDI	Support 4-channel SDI input, maximum resolution up to 1920*1200@60Hz, support embedded audio		
HDBT	Support 4-channel HDBaseT input, maximum resolution up to 1920*1200@60Hz, support independent audio, 1080P signal maximum support 70M.		
Output Card	Description		
HDMI 1.3	Support 4-channel HDMI output, maximum resolution up to 1920*1200@60Hz, support independent and embedded audio		
HDMI 2.0	Support 4-channel HDMI output , maximum resolution up to 3840*2160@60Hz, support independent and embedded audio		
DVI	Support 4-channel DVI output, maximum resolution up to 1920*1200@60Hz		
VGA	Support 4-channel VGA output, maximum resolution up to 1920*1200@60Hz, support independent audio		
SDI	Support 4-channel SDI output, maximum resolution up to 1920*1200@60Hz, support embedded audio		
HDBT	Support 4-channel HDBaseT output, maximum resolution up to 1920*1200@60Hz, support independent audio, 1080P signal maximum support 70M.		
Chassis	Description	Size(L*W*H)	Power(Max)
2U	2 input slot, 2 output slot, maximum 8x8	480mm*370mm*90mm	50W
3U	4 input slot, 4 output slot, maximum 16x16	480mm*370mm*142mm	100W
6U	9 input slot, 9 output slot, maximum 36x36	480mm*370mm*270mm	230W