



Description

The device is a professional 4K high-definition fixed switching matrix that supports multiple HDMI inputs and outputs; the input and output support HDMI1.4, and the output resolution can reach 3840×2160@30Hz; it has flexible and diverse device control methods, including two-way serial port control, panel button control, etc.; and it has intelligent EDID management to ensure compatibility with signal sources and operations in various application scenarios. It is suitable for multimedia conference rooms, lecture halls, multi-function halls, performance halls, audiovisual rooms, exhibitions, command centers and other places.

Features

- 1.The device has 8 HDMI input interfaces, 8 HDMI output interfaces, and supports fast switching;
- 2.The input and output interfaces support HDMI1.4 standard, with a resolution of up to 3840×2160@30Hz; the color space supports RGB4:4:4, YCbCr4:4:4, YCbCr4:2:2;
- 3.The input is compatible with DVI or HDMI signals; the output signal format supports HDMI or DVI;
- 4.Input has 7 built-in EDIDs, 1920×1080@60Hz dual-channel (default), and supports custom EDID;
- 5.Support power-off memory function; support standby and low power consumption standby;
- 6.Support continuous hot plugging of HDMI interface;
- 7.Support two-way serial port control and panel button control;
- 8.1U height 19-inch standard cabinet installation cabinet.



Specification

Input signal	8-channel HDMI
Input resolution	Support 4K@30Hz RGB4:4:4, YCbCr4:4:4, YCbCr4:2:2
Output signal	8-channel HDMI
Output resolution	Support 4K@30Hz RGB4:4:4
HDMI standard	HDMI1.4
HDMI embedded audio format	PCM
Control port	1 RS-232 in, 2 RS-232 out (either DB9 or Ethernet port)
Button	Equipped with physical buttons, which can realize channel switching and scene calling functions
Transmission distance	≤15m for 1080P, ≤5m for 4K, maximum 50m for 1080P optical fiber cable HDMI interface; maximum 50m for 4K optical fiber cable HDMI interface
Bandwidth	10.2Gbps
Operating temperature	0°C ~ +40°C
Storage temperature	-10°C ~ +50°C
Relative humidity	10% ~ 90%
Power supply	DC 12V 2A
Power consumption	18W
Dimensions (W×D×H)	437mm×236mm×44mm
Net weight	3kg