



This 8K HDMI 4x2 Matrix can not only switch any of the four HDMI input signals, but also distribute it to two displays simultaneously. The video resolution is up to 8K@60Hz 4:2:0. It supports eARC function (only for INPUTS 1 port and OUT 1 port). Built-in EDID DIP switch supports advanced EDID management. It also supports audio de-embedding function. As able to be used either as a splitter or a switcher, this multi-functional product can be widely applied in scenarios of demonstration, video conference, multimedia teaching and other occasions requiring for big-screen demonstration.

- HDMI 2.1 and HDCP 2.3 compliant
- Support 40Gbps video bandwidth
- Support video resolution up to 8K@60Hz 4:2:0 10bit, 8K@30Hz 4:4:4 10bit, 4K@120Hz 4:4:4 10bit
- VRR, FVA, ALLM supported
- Support HDR, HDR10, HDR10+, Dolby Vision, HLG pass through
- Support HDMI audio formats: LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
- INPUTS 1 port and OUT 1 port support ARC/eARC function
- Allows HD audio up to Dolby Atmos, DTS
- over TrueHD from any external HDMI source to any eARC/ARC sound system
- Support audio de-embedding function (output through the optical and analog port)
- Built-in EDID DIP switch supports advanced EDID management
- 8K->4K, 8K/4K->2K downscaler support
- Support IR remote control and front panel button switching
- Built-in Equalizer, Retiming and Driver
- Compact design for easy and flexible installation

Specifications	Technical
HDMI Compliance	HDMI 2.1
HDCP Compliance	HDCP 2.3
Video Bandwidth	40Gbps
Video Resolution	Up to 8K@60Hz 4:2:0 10-bit, 8K@30Hz 4:4:4 10-bit, 4K@120Hz 4:4:4 10-bit
Color Depth	8/10/12-bit
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Audio Formats	HDMI Input/Output: LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD Audio De-embedding Output: Optical: Up to LPCM/Dolby/DTS 5.1 CH; Analog: LPCM 2.0 CH
ESD Protection	Human body model — ±8kV (Air-gap discharge) & ±4kV (Contact discharge)
Connections (Input Ports)	4x HDMI IN [Type A, 19-pin female]
Connections (Output Ports)	2x HDMI OUT [Type A, 19-pin female], 1x Optical [S/PDIF], 1x L/R [3.5mm Stereo Mini-jack]
Control Port	1x SERVICE [Micro USB, Update port]
Housing	Metal Enclosure
Color	Black
Dimensions	200mm [W] × 85mm [D] × 21mm [H]
Weight	411g
Power Supply	Input: AC 100-240V 50/60Hz; Output: DC 5V/2A (US/EU standards, CE/FCC/UL certified)
Power Consumption (Max)	2.05W (Max)
Operation Temperature	32°F - 104°F (0°C - 40°C)
Storage Temperature	-4°F - 140°F (-20°C - 60°C)
Relative Humidity	20 - 90% RH (non-condensing)
Recommended HDMI Cable Video Resolution	8K: 3m/10ft, 4K60: 8m/26ft, 4K24: 12m/39ft, 1080P60: 50ft/15M
Cable Recommendation	The use of "Premium High Speed HDMI" cable is highly recommended.

