KanexPro®

8K Two-Input Dual View HDMI Splitter

Perfect for education, retail stores and residential/smart home theater applications.

MPN: SW-2X28K

The **KanexPro SW-2X28K 8K Two-Input Dual View HDMI Splitter** is designed to switch between two HDMI input signals and distribute them simultaneously to two displays. It supports video resolution up to 8K at 60Hz 4:2:0 and advanced EDID management. This versatile product can function as both a splitter and switcher, making it suitable for a wide range of scenarios, including demonstrations, video conferences, multimedia teaching, and other occasions that require big-screen displays.

Video Switcher: Perfect for education, retail stores and residential /smart home theater applications where multiple source devices may need to be transmitted to a single display, while allowing all devices to be connected to a single home theater system.

FEATURES

- 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, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
- 2x2 Switch with Dual Output
- Built-in Equalizer, Retiming and Driver
- Advanced EDID management
- Support IR remote control and front panel button switching
- 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 10bit, 8K@30Hz 4:4:4 10bit, 4K@120Hz 4:4:4 10bit
Color Depth	8/10/12-bit
Color Space	RGB, YCbCr 4:4:4 / 4:2:2. YUV 4:2:0
HDMI Audio Formats	LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
ESD Protection	Human body model — ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

Connection

Input	2xHDMI IN [Type A, 19-pin female]
Output	2xHDMI OUT [Type A, 19-pin female]
Control	1xSERVICE [Micro USB, Update port]

Mechanical

Housing Metal Enclosure	
Silkscreen Color	Black
Dimensions	145mm (W) x 68mm (D) x 17mm (H)
Weight	265g
Power Supply	Input: AC100 - 240V 50/60Hz, Output: DC 5V/2A (US/EU standards, CE/FCC/UL certified)

Power Consumption	6.15 W (Max)

Operation

Temperature	0℃~40℃ / 32℉~104℉
Storage Temperature	-20℃~60℃ / -4℉~140℉
Relative Humidity	20-90% RH (non-condensing)

Recommended HDMI Cable

Video Resolution			
8K	4K60	4K24	1080P

HDMI Cable Type

Ultra HDMI 2.1	HDMI 2.0	HDMI 1.4	HDMI 1.4

HDMI Cable Length (HDMI IN / OUT)

3m/10ft	8m/26ft	12m/39ft	15m/49ft

The use of "Premium High Speed HDMI" cable is highly recommended.

DVD or
Blu-ray player

PC

8K TV

8K TV