

8K 2x2 HDMI Switching Splitter with EDID Management

40Gbps, HDCP 2.3, HDR/Dolby Vision, 4K@120Hz, VRR/ALLM, Dual Output

MPN: SW-2X28K



Switch between two 8K HDMI 2.1 sources and distribute the selected input to two displays simultaneously — functioning as both a switcher and a splitter in a single compact device. The KanexPro SW-2X28K resolves a common integration challenge: mirroring a single source across two displays while retaining the ability to switch between sources. Its 8-position EDID DIP switch ensures reliable handshake across mixed-resolution display environments.

Compliant with HDMI 2.1 and HDCP 2.3, the SW-2X28K delivers up to 8K@60Hz 4:2:0 and 4K@120Hz 4:4:4 at 40Gbps bandwidth. Full HDR pass-through — HDR10, HDR10+, Dolby Vision, and HLG — preserves cinematic image quality across both outputs. VRR, ALLM, and FVA optimize gaming performance. Built-in equalizer, retiming, and driver compensate for signal loss over longer HDMI runs. Control via IR remote or front-panel button. Compact metal enclosure drawing 6.15W.

 8K 60Hz 4:2:0 40Gbps	 2x2 Switch + Splitter	 4K@120 4:4:4 10-bit Gaming	 HDR Dolby Vision HDR10+	 EDID 8 DIP Modes Auto Manage
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KEY FEATURES

- Switches two HDMI 2.1 sources and distributes to two displays simultaneously at up to 8K@60Hz 4:2:0 or 4K@120Hz 4:4:4
- HDCP 2.3 compliant for seamless playback of protected content across both outputs
- Full HDR pass-through including HDR10, HDR10+, Dolby Vision, and HLG on both displays
- VRR, ALLM, and FVA support for tear-free, low-latency gaming on dual screens
- 8-position EDID DIP switch with factory presets from 1080p to 8K@60Hz for deterministic resolution control
- Built-in equalizer, retiming, and driver compensate for signal loss over longer HDMI cable runs
- IR remote and front-panel button switching; compact metal enclosure (145 × 68 × 17 mm), 6.15W max

SPECIFICATIONS

HDMI / HDCP	HDMI 2.1 • HDCP 2.3
Video Bandwidth	40 Gbps
Max Resolution	8K@60Hz 4:2:0 • 8K@30Hz 4:4:4 • 4K@120Hz 4:4:4
HDR Formats	HDR10 • HDR10+ • Dolby Vision • HLG
Audio	LPCM, Dolby Digital/Plus/EX, Dolby TrueHD, DTS, DTS-HD MA, DSD
HDMI I/O	2x HDMI In • 2x HDMI Out (mirrored)
Control / EDID	IR Remote • Front Panel • 8-Mode EDID DIP Switch
Enclosure	Metal • Black • 145 × 68 × 17 mm • 265 g
Power	DC 5V/2A • 6.15W max

PACKAGE CONTENTS

1x 8K 2x2 HDMI Switching Splitter • 1x IR Remote • 1x 5V/2A Multinational PSU • 1x User Manual

