

8K 1x2 HDMI 2.1 Splitter with Auto Downscaling



48Gbps, HDCP 2.3, HDR → SDR Converting, Dolby Atmos/DTS:X, EDID DIP

MPN: SP-HD1X28K



Split one 8K HDMI 2.1 source to two displays with automatic downscaling and HDR-to-SDR conversion — enabling mixed-resolution environments without manual configuration. The KanexPro SP-HD1X28K delivers 48Gbps bandwidth and supports resolutions up to 8K@60Hz 4:2:0 12-bit and 4K@120Hz 4:4:4 12-bit. Its auto downscaling independently adjusts each output (8K → 4K or 8K/4K → 1080p) based on connected display capabilities, while HDR-to-SDR conversion ensures compatibility with legacy SDR displays.

HDMI 2.1 and HDCP 2.3 compliant. Supports VRR, ALLM, QMS, QFT, and SBTM. Full HDR pass-through (HDR10, HDR10+, Dolby Vision, HLG). Audio includes LPCM 7.1CH, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio, and DTS:X. 8-mode EDID DIP switch for deterministic resolution control. Metal enclosure (95 × 68 × 18 mm, 177 g), 4.3W max, with USB-C service port for firmware updates.

 8K 60Hz 4:2:0 48Gbps	 Downscale 8K → 4K 4K → 1080p	 HDR → SDR Auto Converting	 Atmos DTS:X 7.1 LPCM	 EDID 8 DIP Modes Auto Manage
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KEY FEATURES

- Splits one HDMI 2.1 source to two displays at up to 8K@60Hz 4:2:0 12-bit or 4K@120Hz 4:4:4 12-bit with 48Gbps bandwidth
- Auto downscaling on all outputs: 8K → 4K or 8K/4K → 1080p based on connected display EDID
- HDR-to-SDR auto converting enables mixed HDR/SDR display environments
- HDCP 2.3 compliant; VRR, ALLM, QMS, QFT, SBTM for gaming and dynamic content
- Full HDR pass-through: HDR10, HDR10+, Dolby Vision, HLG
- Audio: LPCM 7.1, Dolby TrueHD, Dolby Atmos, DTS-HD MA, DTS:X
- 8-mode EDID DIP switch; metal enclosure (95 × 68 × 18 mm, 177 g, 4.3W); USB-C service port

SPECIFICATIONS

HDMI / HDCP	HDMI 2.1 • HDCP 2.3
Video Bandwidth	48Gbps FRL + 18Gbps TMDS
Max Resolution	8K@60Hz 4:2:0 12-bit • 4K@120Hz 4:4:4 12-bit
HDR	HDR10 • HDR10+ • Dolby Vision • HLG • HDR → SDR converting
Audio	LPCM 7.1, Dolby TrueHD, Atmos, DTS-HD MA, DTS:X
HDMI I/O	1× HDMI In • 2× HDMI Out
Downscaling	Auto: 8K → 4K, 8K/4K → 1080p per output
Control / EDID	8-Mode DIP • USB-C Service Port
Enclosure	Metal • Black • 95 × 68 × 18 mm • 177 g
Power	DC 5V/2A • 4.3W max

PACKAGE CONTENTS

1× 48Gbps 1x2 Splitter • 1× 5V/2A Multinational PSU • 1× User Manual

