

4K 1×4 HDMI Splitter with HDR and EDID Management

10.2Gbps, HDCP 1.4, 4K@60Hz 4:2:0, Dolby Vision, STD/TV EDID Modes

MPN: SP-HD1X44K



APPROVED OVERVIEW

Distribute one HDMI source to four displays simultaneously with HDR and Dolby Vision pass-through — no driver installation, plug and play. The KanexPro SP-HD1X44K is a 10.2Gbps 1×4 HDMI splitter that delivers up to 4K×2K@60Hz (YCbCr 4:2:0) across all four outputs. Its front-panel EDID switch (STD/TV modes) ensures reliable resolution negotiation across mixed-display environments.

HDCP 1.4 compliant for protected content playback. Supports HDR10, HDR10+, Dolby Vision, and all HDMI 3D formats. Audio pass-through includes PCM up to 7.1CH, Dolby TrueHD, and DTS-HD Master Audio. Built in a compact metal enclosure (163 × 63 × 16 mm, 260 g) drawing just 1W, with a Mini USB service port for firmware updates. Included 5V/1A power adapter.

1 PRODUCT OVERVIEW

DESIGNED FOR

AV installers, signage deployers, educators, worship AV teams.

THE CHALLENGE

Distributing one 4K HDMI source to four displays with HDR fidelity.

THE KANEXPRO ADVANTAGE

HDR/DV + EDID modes + metal enclosure.

2 PRODUCT POSITIONING

Reliable 4K 1×4 HDMI distribution with HDR/Dolby Vision and EDID management.

3 APPLICATIONS

Retail & Digital Signage

Drive four identical displays from a single media player with HDR and Dolby Vision. EDID TV mode ensures uniform resolution across all screens.

Conference & Boardroom

Mirror a presenter laptop to four displays across a large conference room. STD EDID ensures 1080p compatibility with mixed-resolution screens.

Education & Classrooms

Distribute instructor content to four projectors or monitors across lecture halls and labs.

Home Theater

Split one Blu-ray player or streaming box to TVs in multiple rooms. HDR and Dolby Vision maintain cinematic quality.

Houses of Worship

Broadcast one video feed to four screens throughout a sanctuary. Metal enclosure handles 24/7 operation.

Broadcast & Production

Feed one camera or playback source to four monitors for QC, color grading, and confidence monitoring.

4 WHO THIS IS FOR

AV Installers

Digital Signage

Education

Houses of Worship

Home Theater

Retail

Ideal User

AV installer or IT manager

Project Types

Signage, education, worship, retail, home theater

Typical Buyer

IT/AV lead

5 KANEXPRO PRODUCT COMPARISON

The SP-HD1X44K is the KanexPro 4K 1×4 HDCP 1.4 splitter.

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
SP-HD1X44K	4K 1×4 distribution	HDCP 1.4, 10.2Gbps, HDR/DV, EDID	This product
SP-HD1X24K	4K 1×2 distribution	Same spec class, 2 outputs	Fewer outputs, lower cost

Choose SP-HD1X44K for 4-display distribution with HDR. For HDCP 2.2, upgrade to SP-HD20-1X44K.

6 FREQUENTLY ASKED QUESTIONS

Q: HDCP 2.2?

No. HDCP 1.4 only. Upgrade to SP-HD20-1X44K for HDCP 2.2.

Q: Different resolutions per output?

No. All outputs mirror at the same resolution (lowest common denominator).