

4K60 1×2 HDMI Splitter with Auto Downscaling & EDID Control

No Blank Second Screen on Mixed-Resolution Displays - 18Gbps, HDCP 2.3, HDR10+/Dolby Vision Pass-Through
MPN: SP-HDMI1X2-18G



Sends one 4K60 HDR source to two displays at once and keeps the lower-resolution screen live instead of blanking it. The SP-HDMI1X2-18G is a passive 1×2 HDMI splitter in a black metal enclosure, powered by a single 5V/1A multinational supply and drawing 1.41W, sized to stack behind a display or tuck into a small credenza rack. It is the right choice for media rooms and huddle spaces where reliable HDCP, HDR pass-through and a second screen that never goes dark matter more than audio de-embedding or 8K headroom.

Full 18Gbps HDMI 2.0b bandwidth carries 4K60 4:4:4 with HDR, HDR10, HDR10+, Dolby Vision and HLG intact, while HDCP 2.3 and 1.4 compliance clears protected sources to both outputs. Per-output auto downscaling matches each display's capability independently, so a 4K panel and a 1080p projector run from the same source without a separate scaler, and front-panel EDID control adds STD (forced 1080p) and TV (copy OUT1) modes for stubborn sinks. The differentiator is the combination — full-bandwidth HDR pass-through with automatic per-output downscaling in a supported metal-body unit, not the feature-max audio-breakout tier.

 18Gbps HDMI 2.0b	 4K60 4:4:4 HDR10+/Dolby Vision	 Auto Downscaling Per-Output	 HDCP 2.3 1.4 Compliant	 EDID Control STD / TV Modes
---	---	--	---	--

KEY FEATURES

- HDCP 2.3/1.4 and DVI 1.0 compliant
- 18Gbps bandwidth per HDMI 2.0b
- 4K2K@60Hz 4:4:4 with 8/10/12-bit color
- Auto downscaling, independent per output
- HDR, HDR10, HDR10+, Dolby Vision and HLG pass-through
- EDID control: STD (1080p) and TV (copy OUT1) modes
- CEC by-pass from IN to OUT1
- Audio up to 7.1CH LPCM, Dolby TrueHD and DTS-HD Master

SPECIFICATIONS

HDMI / HDCP	HDMI 2.0b · HDCP 2.3/1.4 · DVI 1.0
Bandwidth	18Gbps
Max Resolution	4K@60Hz 4:4:4 · 8/10/12-bit
HDR	HDR10, HDR10+, Dolby Vision, HLG
Color Space	RGB · YCbCr 4:4:4/4:2:2 · YUV 4:2:0
Audio	LPCM 7.1 · Dolby TrueHD · DTS-HD Master
Downscaling / EDID	Auto per-output · STD 1080p / TV copy OUT1
Connections	1 × HDMI in · 2 × HDMI out (Type A)
Power	5V/1A multinational · 1.41W max
Operating Temp	32–104°F (0–40°C) · 20–90% RH
Enclosure	Black metal · CE / FCC / RoHS
Dimensions / Weight	2.76 × 2.36 × 0.81 in · 0.26 lbs (118 g)
Package Contents	1 × 18Gbps HDMI 1×2 Splitter · 1 × 5V/1A multinational power supply

APPLICATIONS

 Media Rooms 4K panel plus 1080p projector	 Huddle Rooms Mirror one source to two displays	 Worship & Education Main plus overflow screen
--	---	--

