

## 4K60 1x8 HDMI Distribution Amplifier over CAT6 — 150m/492ft





Extend One Source to Eight Receivers with HDR, HDCP 2.2, PoC & Balanced Audio Extraction

MPN: SP-1X8HD150M



Distributes one 4K60 4:4:4 HDMI source to eight displays over CAT6 at distances up to 120m (4K) or 150m (1080p) — eliminating the need for repeaters, fiber converters, or separate power supplies at each endpoint. The SP-1X8HD150M ships as a complete TX/8xRX kit with Power over Cable, bi-directional IR, RS-232 pass-through, and both coaxial and balanced analog audio de-embedding on the transmitter.

Built for large-scale commercial AV installations in campuses, convention centers, houses of worship, and hospitality venues, the 1U rack-mountable kit supports HDMI 2.0b with HDCP 2.2/1.x compliance, HDR/HDR10+/HLG/Dolby Vision pass-through, and up to 7.1-channel HD audio including Dolby TrueHD and DTS-HD Master Audio. A 27-preset EDID DIP switch plus full ASCII command control via RS-232 simplify integration with Crestron, Extron, and other control processors.

 <b>4K60</b> 4:4:4 HDR 18 Gbps	 <b>150m</b> 492ft over CAT6/6a/7	 <b>1x8</b> TX + 8 RX Complete Kit	 <b>PoC</b> Power over Cable Single PSU	 <b>1U Rack</b> RS-232 / IR EDID Mgmt
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### KEY FEATURES

- HDMI 2.0b, HDCP 2.2/1.x compliant with 18Gbps video bandwidth — supports 4K2K@60Hz 4:4:4
- Extends 4K60 up to 120m (394ft) and 1080p up to 150m (492ft) over a single CAT6/6a/7 cable per receiver
- Complete TX + 8xRX kit — 1 HDMI input, 1 HDMI loop output, and 8 HDBaseT outputs
- HDR, HDR10+, HLG, and Dolby Vision pass-through preserves HDR metadata end-to-end
- Up to 7.1-channel HD audio — LPCM, Dolby TrueHD, DD+, DTS-HD Master Audio, DTS-X
- Coaxial (RCA) and balanced analog (5-pin phoenix) audio de-embedding on the transmitter
- Bi-directional IR and RS-232 pass-through between transmitter and each receiver
- 27-preset EDID DIP switch plus RS-232 ASCII command control (115200 baud)
- One-way PoC powers all eight receivers from the transmitter — single 24V/3.75A locking power adapter, 1U rack-mountable

### SPECIFICATIONS

<b>HDMI / HDCP</b>	HDMI 2.0b • HDCP 2.2/1.x
<b>Video Bandwidth</b>	594 MHz / 18 Gbps
<b>Video Resolution</b>	Up to 4K2K@60Hz 4:4:4
<b>Color Depth</b>	8/10/12-bit
<b>HDR Formats</b>	HDR • HDR10+ • HLG • Dolby Vision
<b>Audio (Pass-through)</b>	LPCM 2/5.1/7.1, DD, DD+, TrueHD, DTS-ES, DTS-HD MA, DTS-X
<b>Audio (De-embed)</b>	Coax: PCM 2.0, DD/DD+, DTS 2.0/5.1 • Analog: PCM 2.0
<b>TX I/O</b>	1x HDMI In • 1x HDMI Loop Out • 8x RJ45 HDBaseT
<b>RX I/O</b>	1x RJ45 In • 1x HDMI Out • 1x 3.5mm Audio
<b>Control</b>	RS-232 (3-pin phoenix) • IR In/Out • EDID DIP (27 presets)
<b>Extension</b>	4K60: 120m/394ft • 1080p: 150m/492ft • CAT6/6a/7
<b>Power</b>	AC 100–240V → DC 24V/3.75A (locking) • 35W • PoC to RX
<b>Dimensions</b>	TX: 440x130x40mm (1U) • RX: 140x65x18mm

### PACKAGE CONTENTS

1x TX Splitter • 8x RX Receivers • 9x IR Blaster • 9x IR Receiver • 9x 3-pin Phoenix • 1x 5-pin Phoenix • 18x Mounting Ears • 1x 24V/3.75A Locking PSU • 1x Manual

