



4K, 18G HDMI Splitter & Downscaler with eight Outputs

The PT-SP-HD18D is a powerful 1x4 HDMI 2.0 Splitter with 18Gbps, distributing one HDMI input to eight outputs, supporting HDMI video resolutions up to 4K@60Hz 4:4:4 as well as 1080p incl. 3D formats and multichannel audio formats. Multiple built-in EDID settings can be selected using the 4-pin DIP switch on the front panel. Firmware updates can very conveniently be done using the Micro-USB port.



HDMI 2.0 SPLITTER

Lossless distribution of a single 4K HDMI source to multiple displays, makes this splitter ideal for digital signage or any multi display environment. Flawless reproduction of your content with no reduction in signal integrity.



BUILT IN SIGNAL REPEATER

Built-in signal equalization of the incoming signal increases the working range of your system, while ensuring perfect reproduction of your original source content.



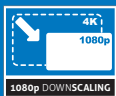
FULL 18GBPS AND HDR

Compatible with the latest Ultra High Definition sources and displays, displaying signals at resolutions up to 4K @60 4:4:4 (18Gbps) and shows crystal clear HDR media to its best ability.



ADVANCED EDID MANAGEMENT

Designed for flawless operation. EDID's can be fixed using a simple on-board DIP switch to prevent DDC channel failures - always ensure impeccable communication between devices!



4K DOWNSCALING

Intelligent sensing of the output ports, allows the user to stream full 4K content to 4K displays, but will automatically downscale the image to fit 1080p displays with no loss of image quality or delay



CEC CONTROL

Send power On/Off and volume control commands directly over the CEC channel of your HDMI cable. Simplified connectivity without loss of functionality.



VIDEO INPUT

Input	1x HDMI
Input Connectors	1x HDMI-A female
HDMI Input Resolution	Up to UltraHD / 4K / 2160p @60Hz, 4:4:4, 8bit

VIDEO OUTPUT

Output	8x HDMI
Output Connectors	8x HDMI-A female
HDMI Output Resolution	Up to 4K / UltraHD / 2160p @60Hz, 4:4:4, 8bit

CONTROL

Control Ports	4x Control buttons, 2x EDID DIP switch, 1x Micro USB
Control Connectors	1x EDID 3-pin DIP switch, 1x EDID 4-pin DIP switch, 1x Micro USB port

GENERAL

HDMI Standard	HDMI 2.0, HDCP 2.2
Transmission Mode	HDMI
HDMI Transmission Distance	4K@60Hz 4:4:4 in up to 5m, 4K@60Hz 4:2:0 in up to 15m, FullHD / 1080p in up to 20m
Operation Temperature	-5°C ~ +55°C
Storage Temperature	-25°C ~ +70°C
Relative Humidity	10% ~ 90%
AC Adapter Input Power	100V~240V AC, 50/60Hz
Input Power	12V DC 1A
Power Consumption	max. 7W
Dimensions	260mm x 20mm x 70mm
Net Weight	500g

DETAILED TECHNICAL SPECIFICATION

CONNECTION DIAGRAM

