



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

The PT-SP-HD12D is a powerful 1x2 HDMI 2.0 Splitter with 18Gbps, distributing one HDMI input to two 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.



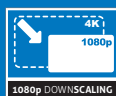
FULL 18GBPS AND HDR

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!



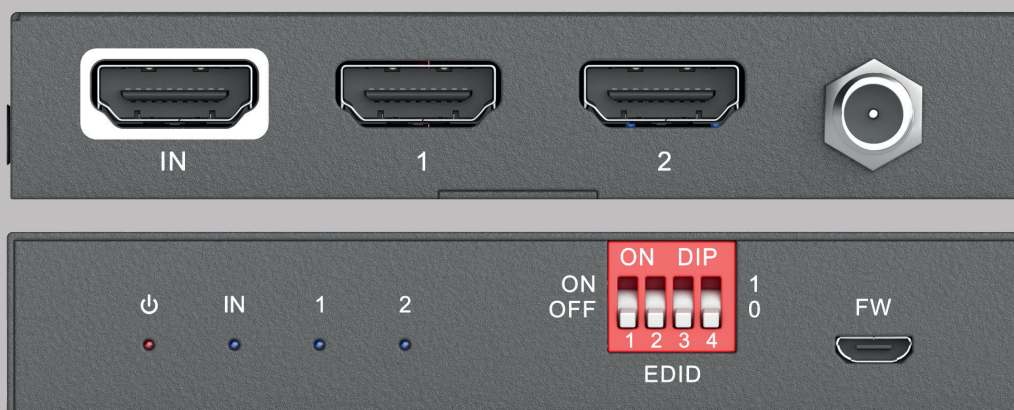
4K DOWNSCALING

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



ULTRA SLIM DESIGN

All of this technology is packed into a slim line enclosure, for easy installation into furniture, under desks or behind a TV.



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	2x HDMI
Output Connectors	2x HDMI-A female
HDMI Output Resolution	Up to 4K / UltraHD / 2160p @60Hz, 4:4:4, 8bit

CONTROL

Control Ports	1x EDID DIP-switch, 1x Micro USB
Control Connectors	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	5V DC 1A
Power Consumption	max. 1.5W
Dimensions	96mm x 17.6mm x 70.4mm
Net Weight	185g

DETAILED TECHNICAL SPECIFICATION

CONNECTION DIAGRAM

