



## 4K, 18G Multiformat Seamless Presentation Matrix

The PT-PMS-82S Seamless Matrix Switcher is designed to be the central component of AV systems. It is ideally suited for application environments such as meeting rooms, where multiple signals with different resolutions must be optimized for different displays. It is also suitable for presentation spaces where two displays are needed. The PT-PMS-82S is HDMI 2.0 and HDCP 2.2 compliant. It supports video resolutions up to 4K@60Hz, 4:4:4, incl. down- and upscaling as well as 1080p and WUXGA (1920x1200) resolutions. Resolutions of up to 4K@60Hz can be selected for the HDMI and HDBaseT outputs.



### SEAMLESS MULTIFORMAT SWITCHING

Seamlessly switch between multiple input sources at full 18Gb bandwidth on the autosense equipped input side, directly to a choice of scaled output resolutions.



### AUDIO MATRIX

External balanced audio inputs can be embedded into both HDBaseT and HDMI video inputs respectively. Audio can be extracted from both analogue balanced audio and digital SPDIF.



### 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.



### GUI CONTROL

Complete control and configuration is possible via the intuitive web GUI. Users can access the control suite from any device with a browser function, for flexible yet comprehensive management of the system environment.



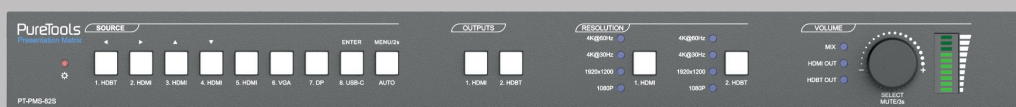
### END TO END HDBASET

With a 4K capable HDBaseT input and output, this product provides end-to-end support for your HDBaseT infrastructure and doubles the range of other HDBaseT devices while providing flexibility in choice of endpoint.



### RACK MOUNTABLE

Designed specifically for the professional applications, this product can be installed into a standard 19" rack system.



**VIDEO INPUT**

Input	1x HDBaseT, 4x HDMI, 1x DisplayPort, 1x VGA, 1x USB-C
Input Connectors	1x RJ45, 4x HDMI-A female, 1x DisplayPort female, 1x VGA female, 1x USB-C (3.0) female
Input Resolution	HDBaseT: Up to UltraHD / 4K / 2160p @60Hz, 4:4:4 HDMI: Up to UltraHD / 4K / 2160p @60Hz, 4:4:4 DP: Up to UltraHD / 4K / 2160p @60Hz, 4:4:4 VGA: Up to WUXGA / 1920x1200 (50/60Hz) USB-C: Up to UltraHD / 4K / 2160p @30Hz

**VIDEO OUTPUT**

Output	2x HDMI, 1x HDBaseT
Output Connectors	2x HDMI-A female, 1x RJ45 female
Output Resolution	HDMI & HDBaseT: Up to 4K / UltraHD / 2160p @60Hz, 4:4:4

**CONTROL**

Control Ports	1x RS232, 2x RELAY, 1x IR EYE, 2x IR IN, 1x IR OUT, 1x TCP/IP, 1x Firmware
Control Connectors	3x 3-pin terminals, 4x 3.5mm jacks, 1x RJ45, 1x USB-A

**GENERAL**

HDMI Standard	HDMI 2.0, HDCP 2.2
Transmission Mode	HDBaseT
Transmission Distance	FullHD / 1080p over 70m, 4K / UltraHD over 40m
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	24V DC 6A
Power Consumption	max. 85W
Dimensions	436.4mm x 44mm x 356.5mm
Net Weight	2870g

**NOTE:**

Please only use high quality Cat Ethernet cables (Cat6e or higher recommended) for reliable transmissions.

