PureTools

4K Multiformat Scaler Switcher

A professional 4K scaling presentation switcher designed specifically for presentation applications where more than one access point is required for a single local display, or when extra hidden input sources are required, such as wireless access points or media streamers. Perfect for medium sized meeting rooms or huddle rooms. WUXGA input scaling on VGA and 4K input HDMI pass-through, digital and analog audio extraction with autosense and RS232 control, result in flawless unbroken image and sound quality no matter the choice of input source.

4K WITH ANALOG SCALING

The PT-PSW-61 will scale the output content of the two VGA signals up to and including WUXGA and convert to HDMI, while providing 4K pass through on the four HDMI inputs.

AUDIO EXTRACTION

Audio extraction is possible on both digital and dual analogue ports. Stereo audio jack or 3 pin Phoenix for the analog side and Toslink in digital format are all available for amplification or use with an AVR.

SMART SIGNAL MANAGEMENT

Autosense, Hot Plugging, RS232 control, smart EDID management, as well as comprehensive IR control offers users resolution selection, screen blanking and input selection using the provided remote.

COMPACT SIZE

All of this technology is packed into a compact enclosure, for installation into furniture or under desks.

VIDEO

Video Input	4 x HDMI; 2 x VGA
Video Output	1 x HDMI
Resolution	HDMI: up to 4K VGA: 1920x1200,1920x1080, 1360x768, 1280x800, 1024x768, 1280x720
Bandwidth	HDMI: 10.2Gbps (3.4Gbps per Color); VGA: 375MHz
HDMI Standard	HDMI 1.4 and HDCP 1.4 Compliant.

AUDIO

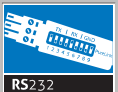|	
Audio Input	2 x VGA Audio In (3.5mm Jack)
Audio Output	1x Dual-Mono Analog Audio (3 pin Phoenix); 1 x Stereo Audio (3.5mm Jack); 1 x Digital (Toslink)
HDMI Embedded Audio	PCM, Dolby Digital, DTS, DTS-HD
Stereo Channel Separation	>80dB @ 1kHz
Frequency Response	20Hz~20K Hz
Common Mode Rejection Ratio (CMRR)	>90 dB at 20 Hz ~ 20 kHz

CONTROL PART

Control Port	1 x RS232 (3 pin Phoenix); 1 x IR In (3.5mm Jack)
Button Control	4 x Push Button

GENERAL

EDID	In-built EDID Management
Transmit Distance	4K≤15m
Operating Temperature	0°C ~ +50°C
Relative Humidity	10% ~ 90%
Power Supply	DC 5V 3A Locking Barrel 5.5mm Outside Diameter, 2.1mm Inside Diameter
Maximum Power Consumption	3.8W (Max)
Dimension (W*H*D)	347mm x 28mm x 110mm
Net Weight	630g

OPTIONAL ACCESSORIES

PTM-RS100   Universal RS232 Cable with Adjustable Pin Settings

- Audio
- Video
- Control
- Power

4x HDMI
VGA + Audio (3.5mm Jack)
VGA + Audio (3.5mm Jack
IR In (3.5mm Jack)
RS232 (3 pin Phoenix)
FW Port (USB A)
Power (DC Barrel)

HDMI
Audio Out (3 pin Phoenix)
Audio Out (3.5mm Jack)
Toslink