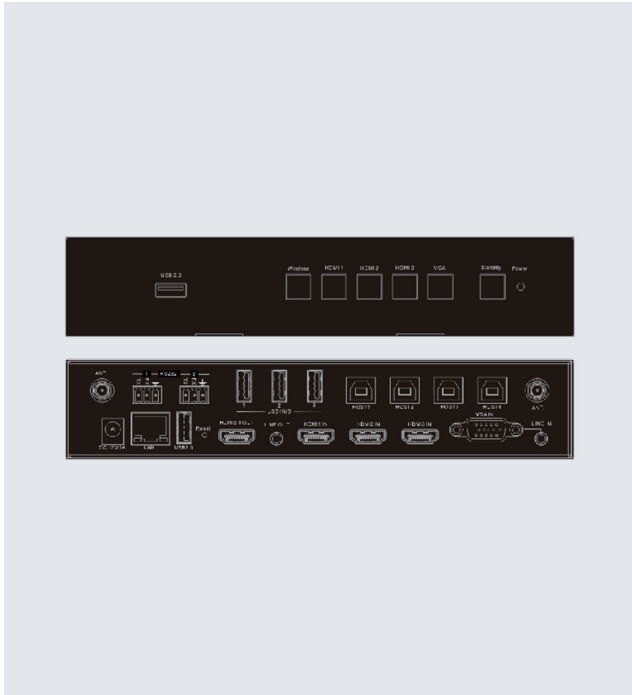# Wireless and Wired Switcher

Model: PS-WPS-61K

INTRODUCTION

PS-WPS-61K is the 4K wireless and wired scaler collaboration system which not only support 4K wireless presenting the laptop, MacBook, Android and iOS device to the main screen to share the ideas, but also support scaler switch the HDMI and VGA sources.

FEATURES

- Support VESA PC resolution input, auto-detecting;
- Can transmit PC's mirror/extended desktop or Macbook's mirror desktop;
- Can transmit smart devices' mirror, photos, videos, music etc;
- Support remote viewing the active signal on displayer by installed app on smart devices;
- Support remote control the active source devices from other smart devices;
- Support "Airplay" for apple device;
- Multiple inputs: 3 x HDMI, 1 x VGA;

- HDMI source input with 4Kx2K@60Hz support;
- Supports multiple HDMI output resolutions, such as 4Kx2K@60Hz, 4Kx2K@30Hz and 1080P;
- HDCP compliant;
- Easy-to-use panel and Web GUI;
- Control methods – Front Panel, LAN (Web GUI and TCP) and RS232;
- On-site firmware upgrading through LAN or USB ports (reserved for some devices).
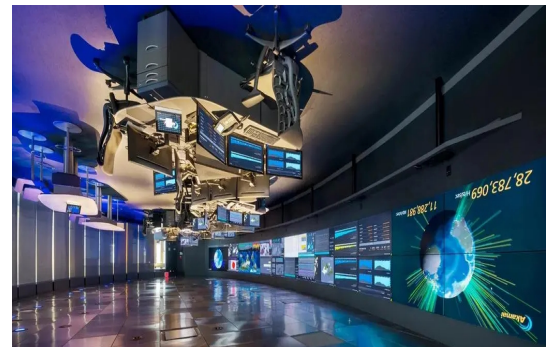
DIAGRAM

System Operation-Normal mode

APPLICATION

SPECIFICATIONS

Specifications of PS-WPS-61K on Windows	
Features	
SW format	WirelessMedia.exe for Windows
Security	WPA/WPA2
Required Windows OS	Windows XP/Vista/7/8/8.1/10 and above, 32 & 64 bit
Video Capacity	Wireless Transmission 1080P@ < 30Hz
Distance	35m without obstacle between lap-top WIFI module and WSP-511A0
Control	
Transmitter	Visual button on Lap-top
Indicator	Green/Red visual indicator on visual button
Specifications of PS-WPS-61K on macOS	
Features	
SW format	WirelessMedia.app for macOS
Security	WPA/WPA2
Required Windows OS	macOS 10.13
Video Capacity	Wireless Transmission 1080P@ < 30Hz
Distance	35m without obstacle between lap-top WIFI module and PS-WPS-61K
Control	
Transmitter	Visual button on Lap-top
Indicator	Green/Red visual indicator on visual button
Specifications of PS-WPS-61K	
Supported Formats	
Video Input Formats	1x Wireless, 3x HDMI, 1x VGA
Format Compliance	WIFI 11n/ac
Video Output Formats	1x HDMI with CEC
Video Output Resolution	1920x1080@60Hz, 3840x2160@30Hz/60Hz, 1920x1200@60Hz
Format Compliance	HDMI1.4/HDMI2.0

SPECIFICATIONS

Audio Input Formats	1x analog audio in
Audio Output Formats	HDMI: embedded digital audio De-embedded analog stereo audio: 20 kΩ impedance
Inputs Connectors	
Wireless Input	WIFI 11n/ac
Outputs Connectors	
HDMI Output	1x HDMI 19-pin female connector
Analog Audio Output	1x 3.5mm PC audio female connectors
Features	
Number of window simultaneous on screen	1
Number of simultaneous connections	<14
Data rate wireless	Up to 300Mbps, depending on the WIFI module of the lap-top
Video Playback Frame Rate	20-30 FPS
Latency of wireless	100-130ms (lowest latency mouse lower to 20ms)
Wireless transmission protocol	IEEE 802.11 a/g/n/ac
Frequency band	2.4 GHZ and 5 GHz
Video Capacity:	1080P @ <60Hz Airplay for IOS devices 1080P @ <60Hz WMedia.apk for Android 1080P @ <60Hz WMedia.APP for IOS devices 1080P @ <30Hz for WirelessMedia.EXE for Windows 4K @ <60Hz for wired HDMI
Remote Viewing	Mirroring remote view on mobile by app installed
Mobile Capability	Free IOS app, Free Android app
Encryption	AES WPA PSK, WPA2 PSK
Remote Mouse	Remote control presenter's PC

SPECIFICATIONS

"WirelessMedia C"	Support 1080P maximum 30frm/s over wireless channel Adopt H.264 compression tech on the transmitter 35m distance between transmitter and base unit, "Auto-password" for each meeting or class for security, Real-time remote viewer of the main screen from mobile device app,
Firmware 2.2	Preview Windows, enable preview windows to monitor each lap-top Low-latency mouse, minimum 20ms latency for mouse HDMI AUTO-switch, auto-switch between HDMI input and wireless inputAirplay 2.0, support Airplay 2.0 device
Firmware 3.0	Segmented Dual Network, staying both Guest network and Corp network Security Levels, enables three different security level Win10 Extended Desktop, enables presenter mode White Board & Annotation
Control	
On-Screen Setting	Configuration Visual button, by HID mouse, or remote control on APP
Ethernet	Telnet
RS-232	1x 3-pin terminal connector
Mechanical	
Dimensions (W x D x H)	215X159X43.5MM
Weight	1KG
Environmental	
Operating Temperature	+32° to +104° F (0° to +40° C)
Storage Temperature	-4° to +140° F (-20° to +60° C)
Humidity (Storage / Operating)	20% to 90% (non-condensing)
Power	
DC Power	12V
Power Consumption	10W (max.)
Accessories Included	
1x DC adapter with four plug-in, US, Europe, UK, Australia	