HDMI 2.0
QUADVIEW KVM PROCESSOR

VP - KM41

For simultaneous display and control of four computers via HDMI 1.4/2.0 with only one mouse and one keyboard on a single output screen with resolutions up to 4K UHD @60Hz 3840 × 2160 4:4:4
Cascadable: Display and control up to 16 HDMI KVM inputs via one mouse and one Keyboard

OVERVIEW

The Partilink VP-KM41 Quadview KVM processor is designed to display up to four USB HDMI computers in a higher resolution up to 4K @60Hz 4:4:4 color sampling on a single screen in full view and quad view and the KVM control of every sources with one set of mouse/keyboard improves the operational efficiency of real-time monitoring.
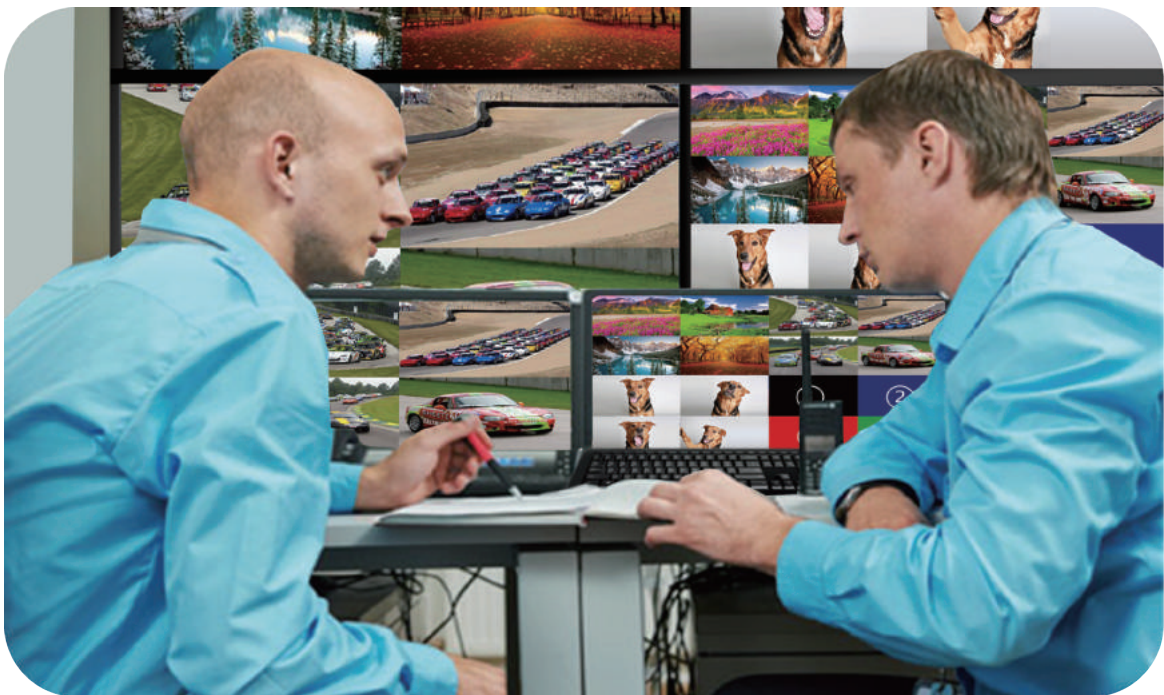
FEATURES

- Fast switching between the input channels in full screen mode or the quadview mode
- Seamlessly move your mouse from monitor to monitor across computers in quad view mode
- 4K@60Hz full screen and quad view layout configuration
- Input resolution up to 4K@60Hz, 4:4:4 color sampling
- Output resolution up to 4K@60Hz, 4:4:4 color sampling
- Scaling up to 4K@60Hz, 4:4:4 color sampling and downscaling as well
- Deep Color and HDCP 1.4 / 2.2
- Cascading up to 5 units to create max. 16 host devices controlled by 1 set of keyboard and mouse.
- Stereo audio output
- Control by USB keyboard/ mouse console, front panel button, IR remote control, RS232/Telnet and Web UI
- Firmware upgrade via USB port

APPLICATION

- Hospitality in lobby, hospital, clinic
- Conference room presentation
- Advertising in shopping mall, supermarket, restaurants
- Broadcast in airport, bus or train station, classroom
- Rental and staging
- Entertainment in restaurant, bar, multimedia room, boardrooms, home cinema
- Integrating with DVR, IP camera as a surveillance system
- Monitoring in bank and stock market

Primary Display

HDMI Cable
USB Cable

VP-KM41

DVR   DVR   DVR   DVR

SPECIFICATION

MODEL NO.		VP-KM41		
HARDWARE	System Structure	pure hardware		
	Operating System	no CPU and operating system		
INPUT/ OUTPUT	Inputs	4 x HDMI 2.0 with locking		
	Output	1 x HDMI 2.0 with locking		
	Audio Output	terminal block 3 pole, stereo		
IMAGE PROCESSING	Display Mode	full screen, quad view, PIP, PoP		
	Input Resolution	up to 3840 x 2160@60Hz, 4:4:4 color sampling		
	Max Output Resolution	up to 3840 x 2160@60Hz, 4:4:4 color sampling		
	Output Resolutions	3840x2160 - 60Hz, 50Hz, 30Hz 1920x1080 - 60Hz 1280x720 - 60Hz 720x480 - 60Hz		
	Output Color Depth	8 bpc (24 bit/px)		
	Scaler	scaling up to 4K@60Hz, 4:4:4 color sampling and downscaling as well		
	Video Bandwidth	up to 18 Gbps		
	HDMI Compliance	HDMI 1.4 and HDMI 2.0		
	HDCP Compliance	HDCP 1.4 and 2.2		
KVM	Host Devices	4 x USB type B for host devices		
	KVM	2 x USB type A for keyboard and mouse console		
CONTROL METHODS	Front Panel Buttons	4 x select HDMI 1,2,3,4 input and/or audio, 2 x display layout, 1 x Panel lock, 1x Standby		
	IR	1 x IR remote control		
	RS232/ Telnet	1 x D9 Female Connector / Compatible with third party control system		
	Ethernet Port	1 x RJ45		
	Web UI	browser / touch screen		
STABILITY	Safety	hardware structure, no risk of virus interference		
	Running Time	no auto-reboot during 365 days/year, 7days/7, 24h/24		
FIRMWARE	Possible Upgrade	1 x USB 2.0		
LED INDICATOR	Input	blue backlight	Standby On	red backlight
	Output	blue backlight	Standby Off	green backlight
	Panel Lock	blue backlight		
POWER	Internal Power Supply	DC 12V/2A, locking barrel connector		
	Power Consumption	15W		
	Power Adaptor	universal power adapter		
ENVIRONMENT	Operating Temperature	0 °C~45°C		
	Operating Humidity	20~90% RH		
	Storage Temperature	-20 °C~60 °C		
PHYSICAL	Dimensions	440.4 x 230 x 45 mm (L x W x H, standard 1U)		
	Fixing Components	Rear bracket, footpad and screws		
	Weight	2.8 KG		