HDMI 2.0 / VGA / DP MULTIVIEW VIDEO PROCESSOR

VP - QV41

For simultaneous display of three HDMI 2.0/1.4 + one DisplayPort or one VGA sources on one screen with output resolutions up to 4K UHD @60Hz 3840 × 2160 4:4:4
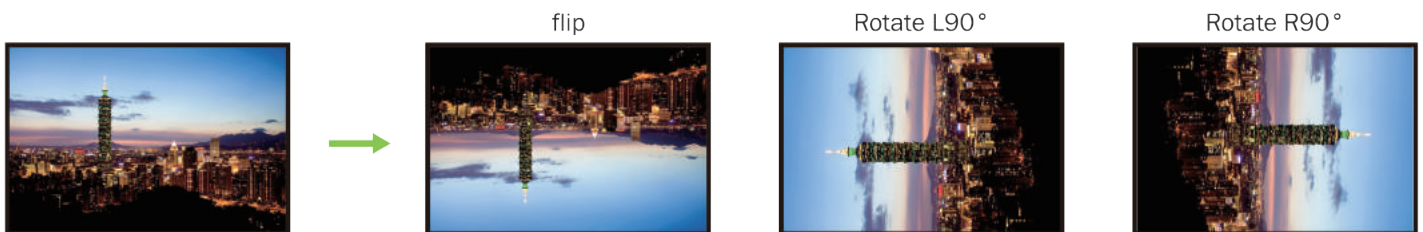
OVERVIEW

The Partilink VP-QV41 Multiview Video Processor is a user-friendly HDMI, VGA and DisplayPort video scaler and multiviewer designed to display up to four video sources on one 4K@60Hz 4:4:4 screen simultaneously. It handles any input resolution up to 4K@60Hz to output maximum 4K@60Hz or downscale the resolution.

FEATURES

- Fast switching between input channels and combined multiple images on single monitor
- Handles HDMI® signals with Deep Color and HDCP 1.4 / 2.2 also handle VGA, and DisplayPort sources
- 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 able to downscale as well
- PiP, PoP and multi-view layout configurations
- 14 different screen layouts by 6 preset screen layouts and extra 8 customized screen layouts
- Rotation (R90°and L90°) when input resolution up to 1080p and flip output in full screen mode
- Stereo audio output
- Control by front panel button, IR remote control, RS232/Telnet and Web UI
- Firmware upgrade via USB port
- DP loop through output

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

NEWS & HIGHLIGHTS

———	DP Cable
———	HDMI Cable
———	VGA Cable
———	Audio Cable
———	Ethernet Cable
———	RS232 Cable

OUTPUT

DP   HDMI

INPUT

HDMI1   HDMI2   HDMI3   HDMI4   DP   VGA   AUDIO   AUDIO OUT   ETHERNET   RS232   USB   12V DC   POWER ON/OFF

PC   Media Box   Blu-ray Disk   Set Top Box   Laptop   PC   Speaker   Ethernet Switch   Control Center

flip   Rotate L90°   Rotate R90°

SPECIFICATION

MODEL NO.		VP-QV41
HARDWARE	System Structure	pure hardware
	Operating System	no CPU and operating system
INPUT/ OUTPUT	Inputs	4 x HDMI 2.0 with locking, 1 x DisplayPort 1.2, 1 x VGA + 1 x 3.5mm Audio jack
	Output	1 x HDMI 2.0 with locking, 1 x DisplayPort 1.2
	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
CONTROL METHODS	Front Panel Buttons	4 x select HDMI 1,2,3,4 input and/or audio, 1x DisplayPort, 1 x VGA, 6 x display layout, 1 x Input Swap, 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
	Output	blue backlight
	Panel Lock	blue backlight
	Standby On	red backlight
	Standby Off	green 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	2.72 KG