

HDMI 2.0 Multiview Video Processor

VP-QV41



Introduction

The Partilink VP-QV41 Multiview Video Processor is a simple, cost-effective video scaler designed to enable a 4K@60Hz, HD, SD computer display device, virtually handling any input resolution up to 4K@60Hz or Full HD 1080p. It provides **4 HDMI inputs, 1 VGA input, 1 DisplayPort input, 1 analog audio input, 1 HDMI output and 1 DP output loop through.**

Fully automatic operation by duplicating the EDID of display, simply connect the VP-QV41 with incoming video signal and it intelligently converts and enhances that signal for the optimal appearance on your display!

The Multiview Video Processor handles standard and high-definition digital video sources with resolutions up to 4K@60Hz. **Whatever the source is, this video processor is capable of scaling it up or down, reducing noise artifacts, and adjusting its aspect ratio to match the native resolution of your video display or computer monitor.** A wide selection of display resolutions up to 4096x2160 can be supported, with auto-calibration ensuring a quick and easy setup and hands-off operation.

Audio Technology

Via its HDMI input, this processor receives **5.1 audio formats like Dolby Digital® and DTS®**, as well as **uncompressed 7.1 linear PCM**. And output audio R/L on HDMI. In addition to HDMI, it includes an analog audio input to accommodate the stereo signal from an analog audio source. The **analog input signal is combined with the HDMI video input signal and routed to the scaler's HDMI output simultaneously**.

Applications

- 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
- Integration with DVR, IP camera as a surveillance system
- Monitoring in bank and stock market

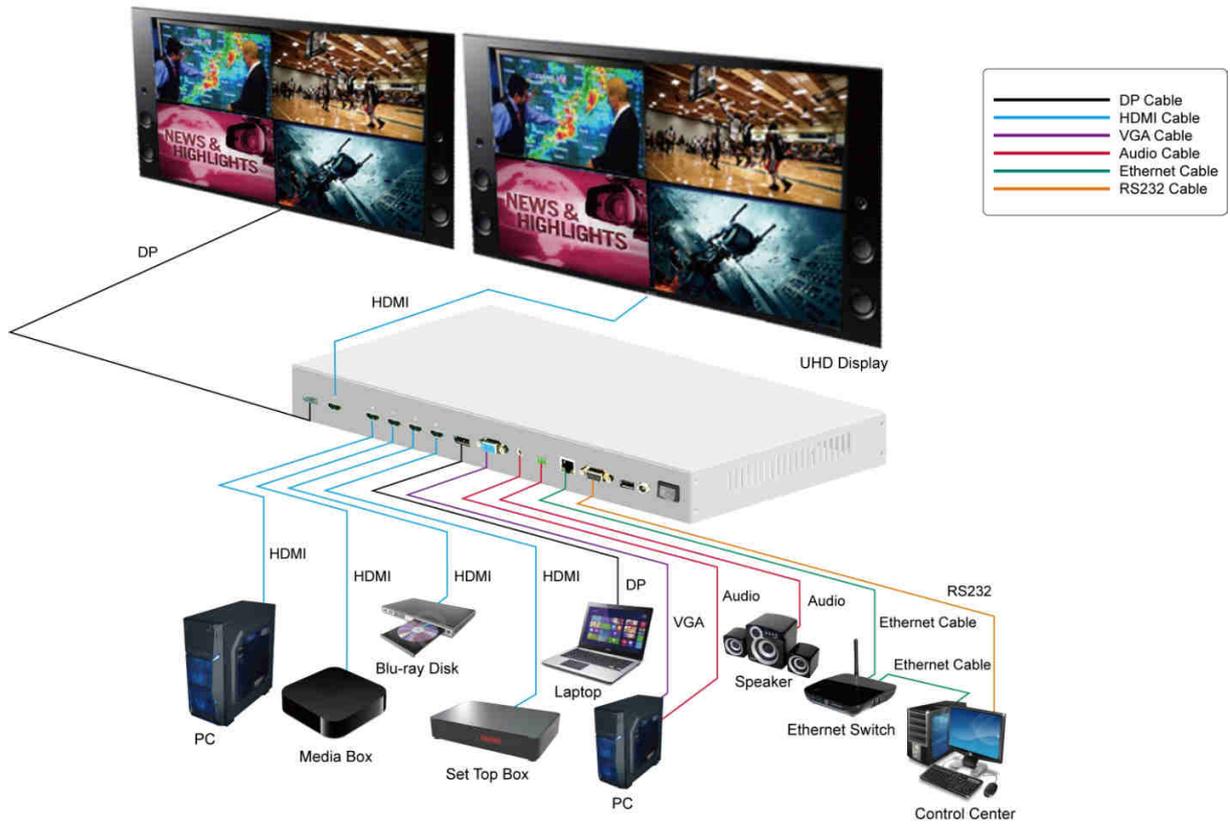
Features

- Fast switching between input channels and combined multiple images on single monitor
- Handle HDMI® signals with Deep Color and HDCP 1.4 / 2.2 also handle VGA, and DisplayPort sources
- Support input resolution up to 4K@60Hz, 4:4:4 color sampling
- Support output resolution up to 4K@60Hz, 4:4:4 color sampling
- Support upscaling up to 4K@60Hz, 4:4:4 color sampling
- Support PIP, POP and multi-view layout configurations
- Support 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 layout
- Receive Dolby Digital® 5.1, DTS® 5.1 and uncompressed 7.1 linear PCM audio includes stereo analog audio input
- Support stereo audio output
- Support front panel button, IR remote control, RS232 and Web UI
- Support firmware upgrade
- Support DP loop through output

Specifications

MODEL NO.	VP-QV41
INPUT	HDMI 2.0 with locking x 4
	DP 1.2 x 1
	VGA x 1
	Audio R/L
OUTPUT	HDMI 2.0 with locking x 1
	DP 1.2 loop through x 1
	Audio R/L
CONTROL	Front panel buttons
	IR remote control
	RS232
	Web UI
FIRMWARE UPGRADE	USB 2.0 x 1
VIDEO OUTPUT RESOLUTION	4096 x 2160@60Hz, 4:4:4 color sampling
ETHERNET PORT	RJ45 x 1
LED INDICATOR	INPUT, blue backlight LAYOUT, blue backlight INPUT SWAP, blue backlight LOCK, blue backlight STANDBY on, red backlight STANDBY off, green backlight
POWER SUPPLY	DC 12V/2A, locking barrel connector
POWER CONSUMPTION	15W
ENVIRONMENT	Operating temperature 0 °C ~ 45 °C
	Operating humidity 20~90% RH
	Storage temperature -20 °C ~60 °C
DIMENSION	440.4 x 230 x 45 mm (L x W x H, standard 1U)
WEIGHT	2.72 KG

Installation



The Multiview Display Features & Modes

- PIP, POP.
- Custom Screen layout: maximum 8 sets screen layout saved on Web UI and select via IR and Web UI
- Preset Screen Layout: 6 sets preset screen layout select on front panel, or via IR and Web UI





- Support rotate and flip

