HDMI 2.0 Quadview Video Processor

VP-QV41H

Introduction

The Partilink VP-QV41H Quadview 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. It provides *4 HDMI inputs, 1 analog audio output, and 1 HDMI output.*

Fast switching technology integrated into the Partilink Quadview Video Processor improves the user experience considerably. Users will notice a much faster response time in the HDMI receiver as they switch among the multiple HDMI inputs that are connected to the video source.

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.

Manage IP-Based digital signage and video wall content remotely with Quadview Video Processor's Web UI. Users can customize screen layout by preference. It supports maximum 8 sets screen layout saved on Web UI and 6 sets preset screen layout.

The Quadview Video Processor handles standard and high-definition digital video sources with resolutions up to 4K@60Hz. ***Regardless of the type of source device, 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***. The Quadview Video Processor supports a wide selection of display resolutions up to 4096×2160, with auto-calibration that ensures a quick and easy setup and hands-off operation.

Audio Technology

Via the HDMI input, VP-QV41H 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,
- 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 in bank and stock market

Features

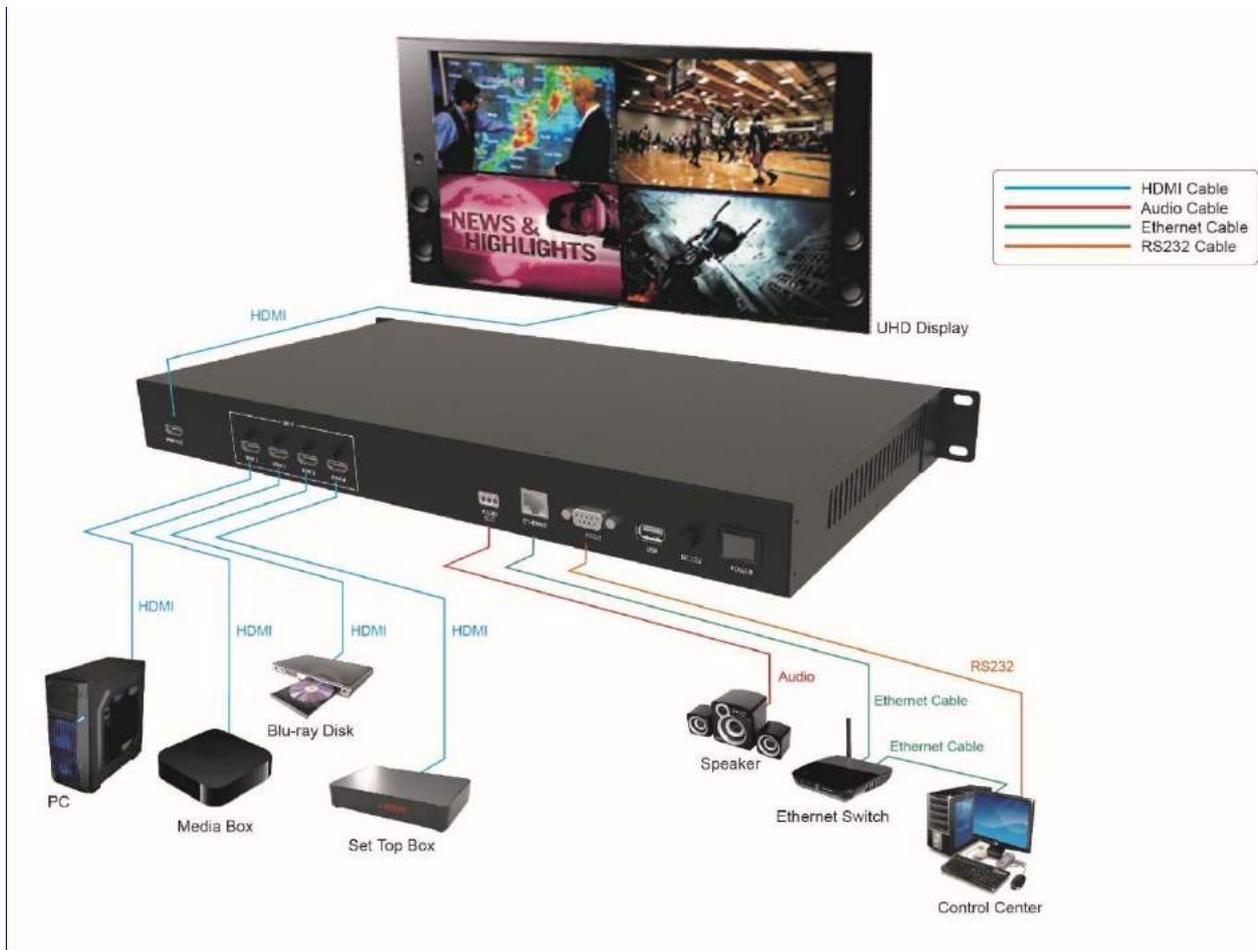- Fast switching among input channels and combined multiple images on single monitor

- Handles HDMI® signals with Deep Color and HDCP 1.4 / 2.2
- Supports input resolution up to 4K@60Hz, 4:4:4 color sampling
- Supports output resolution up to 4K@60Hz, 4:4:4 color sampling
- Supports scaling up to 4K@60Hz, 4:4:4 color sampling
- Supports PIP, POP and multi-view layout configurations
- Supports 14 different screen layouts - 6 preset screen layouts and 8 customized screen layouts
- Rotation (R90° and L90°) when input resolution up to 1080p or flip output in full screen layout
- Receives Dolby Digital® 5.1, DTS® 5.1 and uncompressed 7.1 linear PCM audio includes stereo analog audio input
- Supports stereo audio output
- Supports front panel button, IR remote control, RS232 and Web UI
- Supports firmware upgrade

Specifications

MODEL NO.	VP-QV41H
INPUT	HDMI 2.0 with locking x 4
OUTPUT	HDMI 2.0 with locking 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 ℃~ 45℃
	Operating humidity 20~90% RH
	Storage temperature -20 ℃ ~60 ℃
DIMENSION	440.4 x 230 x 45 mm (L x W x H, standard 1U)
WEIGHT	2.72 KG

Installation

The Quadview Display Features & Modes

- PIP, POP.
- Custom Screen layout: maximum 8 sets screen layout
- Preset Screen Layout: 6 sets preset screen layout