QVP VW29H4

2x9 HDMI 2.0 4K60 Video Wall Processor
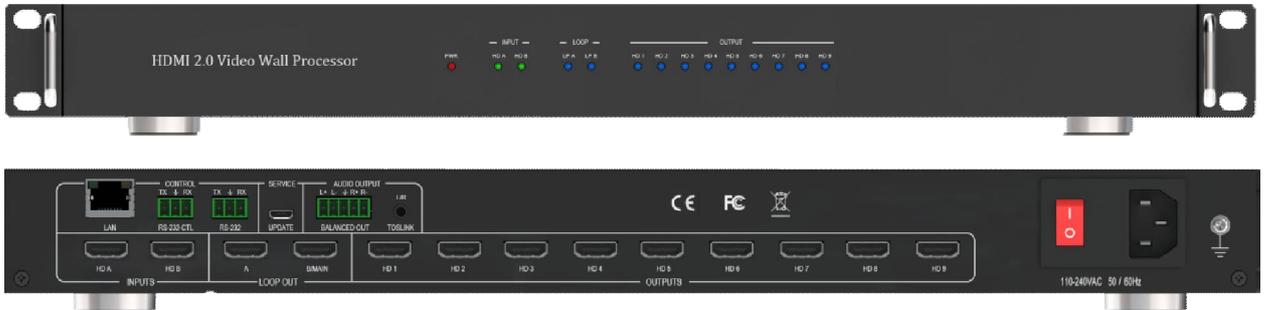
This product is a HDMI 2.0 Video Wall controller with 2 HDMI inputs, 2 HDMI loop outs and 9 HDMI scaling outputs for video wall processing. The loop outputs allow building a large scale video wall using daisy chain connections of several units in a cascade. Each video wall output of the unit allows setting output resolution individually and independently. The universal TOSlink + mJack terminal provides analogue L/R audio and digital SPDIF audio output. 5-pin phoenix connector provides balanced L/R audio output. The product supports CEC, EDID and HDCP management. Simple and powerful control ability allows using unit in any modern system.

Features

- HDMI 2.0 and HDCP 2.2 compliant
- Support multi-resolution up to 3840x2160@60Hz video output for video wall
- Support 2 channels HDMI loop out
- Support Bezel Compensation with two modes
- Support 180º rotation
- Support Test Pattern Generator Mode
- Support RS-232 and TCP/IP control
- Support CEC control for connected displays

Package Contents

- 1 x UHD Video Wall Processor
- 1 x AC Power Cord
- 1 x 5-pin Phoenix Connector
- 2 x 3-pin Phoenix Connector
- 1× RS232 to Phoenix Cable
- 1× CAT6 Cable
- 1× USB to RS232 Cable
- 1× User Manual

Specifications

Technical	
HDMI Compliance	HDMI 2.0
HDCP Compliance	HDCP 1.4, 2.2
Bandwidth	18Gbps
Video Resolution	
Input	1024x768@60, 1280x800@60, 1280x1024@60, 1280x960@60, 1360x768@60, 1366x768@60, 1440x900@60, 1400x1050@60, 1600x900@60, 1600x1200@60, 1680x1050@60, 1920x1200@60, 480p@60, 576p@50, 720p@50, 720p@60, 1080i@50, 1080i@60, 1080p@24, 1080p@25, 1080p@30, 1080p@50 1080p@60, 3840x2160@24, 3840x2160@25, 3840x2160@30, 3840x2160@50, 3840x2160@60, 4096x2160@24, 4096x2160@30, 4096x2160@50, 4096x2160@60
Output	1920x1080@60Hz, 3840x2160@30Hz, 3840x2160@60Hz, 1280x720@60Hz, 1024x768@60Hz, 1360x768@60Hz, 1600x1200@60Hz, 1920x1200@60Hz
HDMI Amplitude	T.M.D.S +/- 0.4Vpp
Differential impedance	100±15ohm
ESD Protection	Human- body Model: ±8kV（Air-gap discharge），±4kV（Contact discharge）
RS232/Ethernet Control	
Baud rate and protocol	Baud rate 57600, data bit 8, Stop bit 1, no parity checking
Ethernet	100Mbs
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	430mm (W)×220mm (D)×44mm (H)
Weight	5kg
Power Supply	AC 110 - 240V
Power Consumption	100W (Max)
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 70°C / -4°F ~ 158°F
Relative Humidity	10%~50% RH (non-condensing)