

V23-H04H04

HDMI 2.0 MULTIVIEW

VIDEO WALL PROCESSOR (4 in, 4 out)



Multiview



Scaler



Videowall



Matrix



Telnet Control



PIP PoP



Audio R/L

OVERVIEW

The Partilink V23-H04H04 HDMI 2.0 Multiview Video Wall Processor is an all-in-one 2x2 video wall system with multiview, scaling, customizing screen layouts, audio management and matrix. Its user friendly web UI, RS232, RS485, RS422 and telnet modular and robust design made the video wall control effectively.

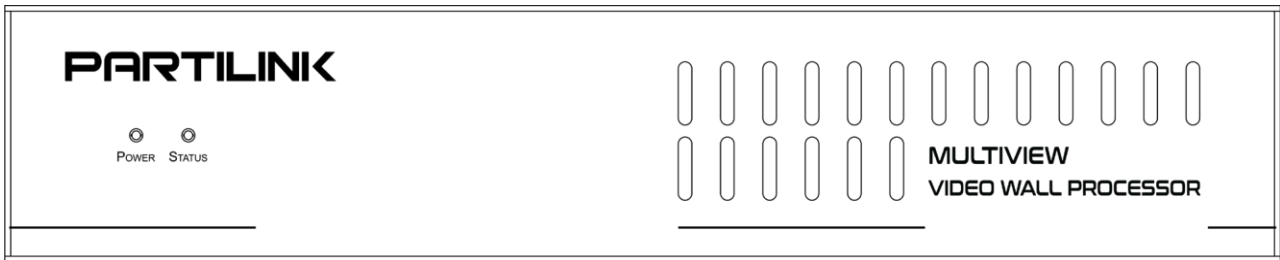
FEATURES

- Fast switching between input channels and combined multiple source images on video wall
- Handles HDMI® signals with Deep Color and HDCP 1.4 / 2.2 sources
- Input resolution up to 4K @60Hz, 4:4:4 color sampling
- Output resolution up to 4K @60Hz, 4:4:4 color sampling
- Upscaling up to 4K @60Hz, 4:4:4 color sampling and able to downscale as well
- PiP, PoP, quadview and multiple customized screen layout configurations for video wall and matrix display
- Rotation (R90° and L90°) in full screen layout
- Stereo audio output
- Control by web UI, RS232, RS485, RS422 and telnet
- Firmware upgrade via USB port
- Built-in power supply
- Display modes including video wall, multiview window and matrix
- Multiple windows displaying across multiple screen array without screen boundary.
- Able to build a 4K and even an 8K video wall system for supporting each output 4K@60Hz
- Able to build various video wall array system 1x4, 1x3, 1x2, 2x2, 4x1, 3x1, 2x1

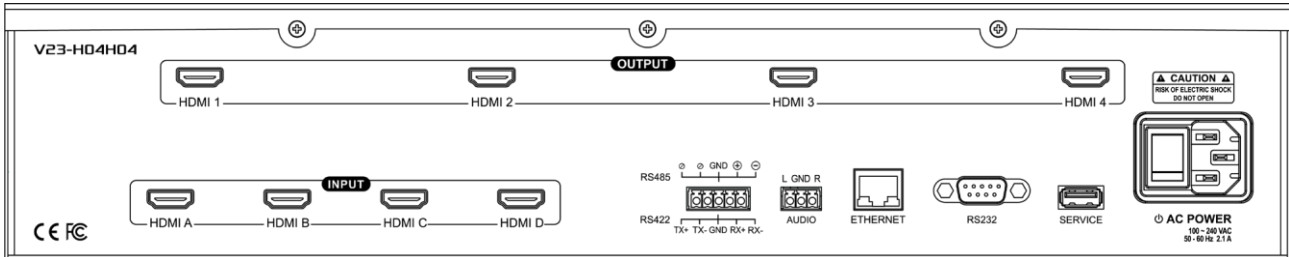
SPECIFICATION

MODEL NO.	V23-H04H04	
INPUT/OUTPUT	Inputs	4 x HDMI 2.0
	Output	4 x HDMI 2.0
	Audio Output	terminal block 3 pole, stereo
IMAGE PROCESSING	Display Mode	full screen, PIP, POP, rotation R90°/ L90°, cross screen, quadview, matrix
	Input Resolution	4096 x 2160p (60Hz, 50Hz, 24Hz) 3840 x 2160p (60Hz, 50Hz, 30Hz, 25Hz, 24Hz) 2560 x 1080p (60Hz) 1920 x 1080p (60Hz, 50Hz, 30Hz, 25Hz, 24Hz) 1920 x 1080i (60Hz, 50Hz) 1280 x 720p (60Hz) 720 x 480p (60Hz, 50Hz) 720 x 576p (50Hz) 640 x 480p (60Hz, 50Hz)
	Input Color format	4:4:4
	Output Resolutions	4096 x 2160p (60Hz, 50Hz, 24Hz) 3840 x 2160p (60Hz, 50Hz, 30Hz, 24Hz) 2048 x 2048p (57Hz) 1920 x 1200p (60Hz) 1920 x 1080p (60Hz, 50Hz, 30Hz, 24Hz) 1600 x 1200p (60Hz) 1280 x 720p (60Hz, 30Hz)
	Output Color Format	4:4:4
	Output Color Depth	24 bpp
	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 HDCP 2.2
CONTROL METHODS	RS232 / Telnet	1 x D9 female connector / compatible with third party control system
	RS485 / RS422	5-pole terminal block
	Ethernet Port	1 x RJ45 / compatible with third party control system
	Web UI	browser / touch screen via smartphone or tablet
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
POWER	Power Supply	built-in power module 100-240 VAC / 50/60 Hz
	Power Consumption	90W
	Redundant Power Supply	no
ENVIROMENT	Operating Temperature	0°C ~ 40°C
	Operating Humidity	0% ~ 80% RH
	Storage Temperature	-20°C ~ 60°C
PHYSICAL	Dimensions	440 x 370 x 88 mm (L x W x H)
	Weight	3.7 KG
	Fixing Components	rear bracket, footpad and screws

FRONT PANEL -



REAR PANEL -

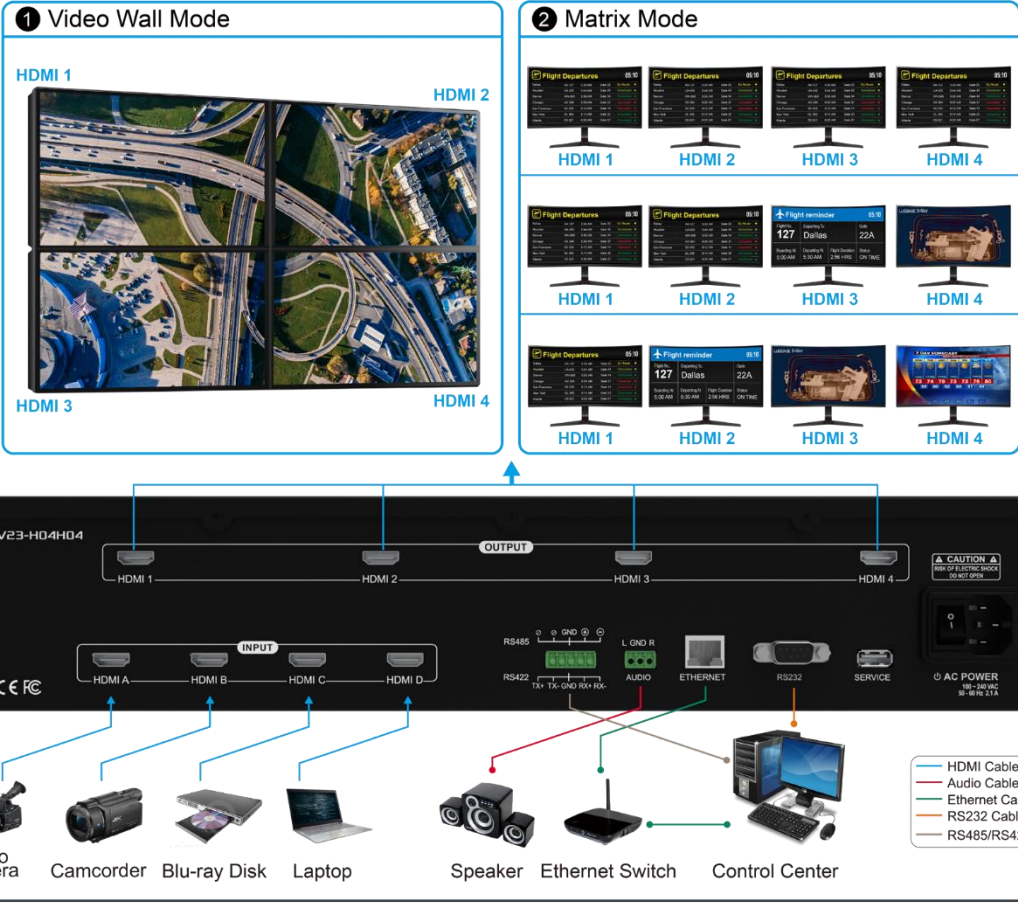


APPLICATION

- 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 control room, bank and stock market



CONNECTION DIAGRAM

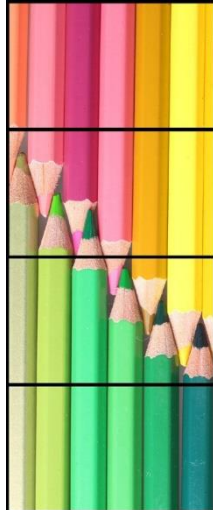


DISPLAY MODE

PIP POP



VIDEO WALL 4X1



VIDEO WALL 1X4



CROSS SCREEN



MARTIX



FRAME SYNCHRONIZATION



WEB UI

