



PARTILINK

**AV PRODUCT
DESIGNER & MANUFACTURER**
PRODUCT CATALOG 2020





VISION AND MISSION STATEMENT

Based in Taipei Taiwan, PARTI LINK Inc senior engineers with over twenty years expertise in Pro-AV, design and manufacture innovative world-class, pro audio-visual, technologies. We bring real life vision through wide screen and video wall for AV, Digital Signage, Broadcast, Control Management, Medical and Education markets.

PARTI LINK Incorporated was founded in 2014.

Over the years we have gathered relevant excellencerecognized by our clients in bringing a unique audiovisual experience. At PARTI LINK we specialize in quality, High-End performance and cost-effective equipment with efficient support to resellers, end-users and integrators. Exceeding customer's expectations in order to maximize reliable partnership for the long-term.

CONTENTS

01 MULTIVIEW PROCESSOR	
VP-QV41 (Multiview HDMI 2.0 / DP / VGA) -----	04
VP-QV41H (Multiview HDMI 2.0) -----	08
VP-KM41 (Quadview KVM) -----	12
02 MULTIVIEW VIDEO WALL PROCESSOR	
V23-H04H04 (4 in, 4 out) -----	16
V33-H04H10 (4 in, 10 out) -----	20
V43-H04H16 (4 in, 16 out) -----	20
03 MULTIVIEW VIDEO & QUADVIEW KVM & VIDEO WALL PROCESSOR	
Comparison Chart -----	24
04 HDMI 2.0 8X8 MATRIX	
X13-H08H08 -----	26
05 AV EXTENDER OVER IP	
P2K-HRSL3E1 / P2K-LHRS1E3 (1080P HDMI Extender) -----	28
P2K-HRSL3E1-P / P2K-LHRS1E3-P (1080P HDMI Extender with PoE) -----	28
P4K-HRSL4E1 / P4K-LHRS1E4 (4K UHD HDMI Extender) -----	32
P4K-HRSL4E1-P / P4K-LHRS1E4-P (4K UHD HDMI Extender with PoE) -----	32
06 SPLITTER	
P4K2-HH1S2 (HDMI 2.0 - 1 x 2) -----	36
P4K2-HH1S4 (HDMI 2.0 - 1 x 4) -----	36
07 BOOSTER	
HR-11 (HDMI 2.0 Box) -----	38
HRD-11 (HDMI 2.0 Dongle) -----	40
08 CONVERTER	
P4K2-H1D2 (HDMI to DP 4K60 Box) -----	42
P4K2-HD (HDMI to DP 4K30 Dongle) -----	44
09 VIDEO CAPTURE	
GRA-H01 (4K HDMI Grabber) -----	46
GR1-H01 (FHD HDMI Grabber) -----	48
GR2-H01 (1080P HDMI to USB-C Grabber) -----	50

VP-QV41

HDMI 2.0 / VGA / DP MULTIVIEW VIDEO PROCESSOR

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 @60Hz 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.

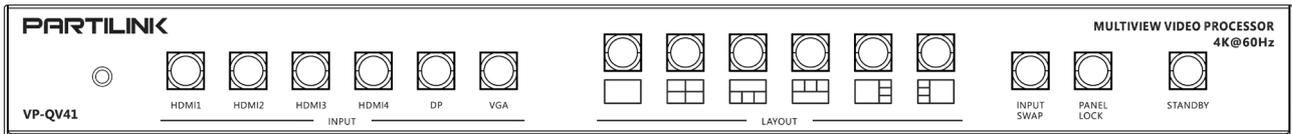
FEATURES

- 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

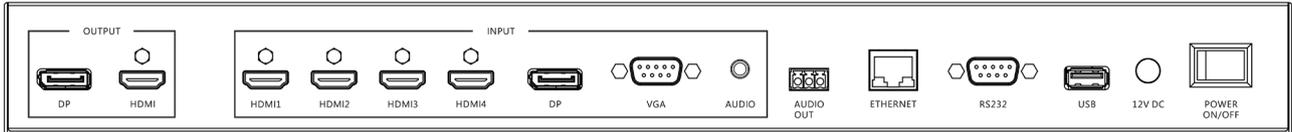
SPECIFICATION

MODEL NO.	VP-QV41	
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, PiP, PoP, quadview
	Input Resolution	up to 3840 x 2160p @60Hz, 4:4:4 color sampling
	Max Output Resolution	up to 3840 x 2160p @60Hz, 4:4:4 color sampling
	Output Resolutions	3840 x 2160p (60Hz, 50Hz, 30Hz) 1920 x 1080p (60Hz) 1280 x 720p (60Hz) 720 x 480p (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 HDCP 2.2
CONTROL METHODS	Front Panel Buttons	4 x select HDMI 1,2,3,4 input and/or audio 1 x DisplayPort 1 x VGA 6 x display layout 1 x Input Swap 1 x Panel lock 1 x 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)
	Weight	2.72 KG
	Fixing Components	rear bracket, footpad and screws

- FRONT PANEL -



- REAR PANEL -



APPLICATION

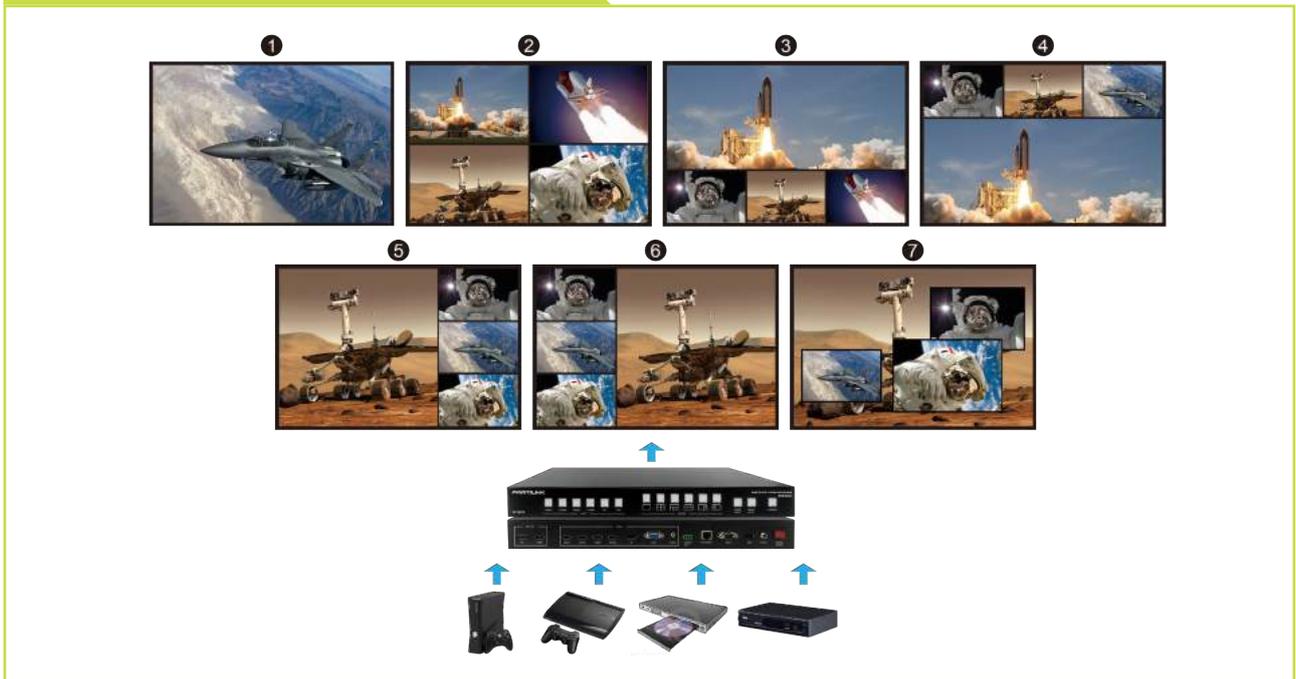
- Hospitality in lobby, hospital, clinic
- Conference room presentation
- Advertising in shopping mall, supermarket, restaurants
- Broadcast in airport, bus or train station, classroom
- Rental and staging
- Entertainment in restaurant, bar, multimedia room, boardrooms, home cinema
- Integrating with DVR, IP camera as a surveillance system
- Monitoring in control room, bank and stock market



CONNECTION DIAGRAM



THE MULTIVIEW DISPLAY FEATURES & MODES



ROTATE AND FLIP



VP-QV41H

HDMI 2.0

MULTIVIEW VIDEO PROCESSOR

For simultaneous display of four HDMI 2.0/1.4 sources on one screen with output resolutions up to 4K @60Hz 4:4:4



OVERVIEW

The Partilink VP-QV41H Multiview Video Processor is a user-friendly HDMI 2.0 video scaler and multiviewer designed to view max. 4 video sources on one 4K @60Hz 4:4:4 display simultaneously. It handles any input resolution up to 4K @60Hz to output maximum 4K @60Hz or downscale the resolution, adjusts its aspect ratio to match the native resolution of your screen to display.

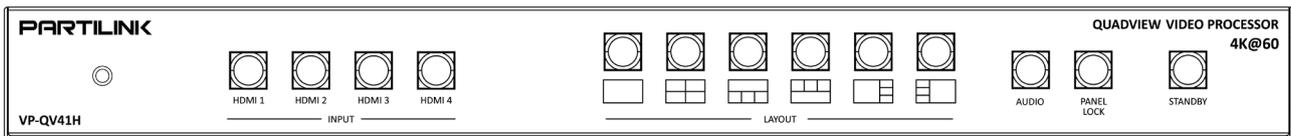
FEATURES

- Fast switching between input channels and combined multiple source images on single monitor
- 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 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 layout
- Stereo audio output
- Control by front panel button, IR remote control, RS232/Telnet and Web UI control
- Firmware upgrade via USB port

SPECIFICATION

MODEL NO.	VP-QV41H	
INPUT/OUTPUT	Inputs	4 x HDMI 2.0 with locking
	Output	1 x HDMI 2.0 with locking
	Audio Output	terminal block 3 pole, stereo
IMAGE PROCESSING	Display Mode	full screen, quadview, PiP, PoP
	Input Resolution	up to 3840 x 2160p @60Hz, 4:4:4 color sampling
	Max Output Resolution	up to 3840 x 2160p @60Hz, 4:4:4 color sampling
	Output Resolutions	3840 x 2160p (60Hz, 50Hz, 30Hz) 1920 x 1080p (60Hz) 1280 x 720p (60Hz) 720 x 480p (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 6 x display layout 1 x Input Swap 1 x Panel lock 1 x 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)
	Weight	3.0 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



THE MULTIVIEW DISPLAY FEATURES & MODES



ROTATE AND FLIP



VP-KM41

HDMI 2.0

QUADVIEW KVM PROCESSOR

For simultaneous display and control of four computers via HDMI 1.4/2.0 with only one mouse and one keyboard on a single output screen with resolutions up to 4K @60Hz 4:4:4
Cascadable: Display and control up to 16 HDMI KVM inputs via one mouse and one Keyboard



OVERVIEW

The Partilink VP-KM41 Quadview KVM processor is designed to display up to four USB HDMI computers in a higher resolution up to 4K @60Hz 4:4:4 color sampling on a single screen in full view and quadview and the KVM control of every sources with one set of mouse/keyboard improves the operational efficiency of real-time monitoring.

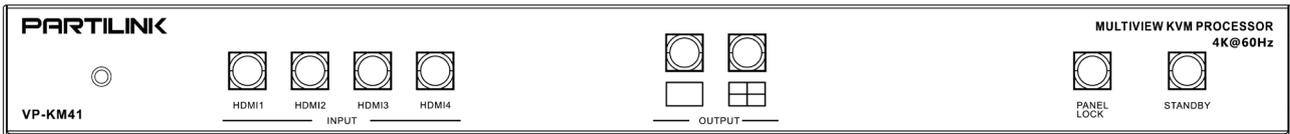
FEATURES

- Fast switching between the input channels in full screen mode or the quadview mode
- Seamlessly move your mouse from monitor to monitor across computers in quadview mode
- 4K @60Hz full screen and quad view layout configuration
- 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 downscaling as well
- Deep Color and HDCP 1.4/2.2
- Cascading up to 5 units to create max. 16 host devices controlled by 1 set of keyboard and mouse
- Stereo audio output
- Control by USB keyboard/mouse console, front panel button, IR remote control
- RS232/Telnet and Web UI
- Firmware upgrade via USB port
- Supports desktop extension mode (optional)

SPECIFICATION

MODEL NO.	VP-KM41	
INPUT/OUTPUT	Inputs	4 x HDMI 2.0 with locking
	Output	1 x HDMI 2.0 with locking
	Audio Output	terminal block 3 pole, stereo
IMAGE PROCESSING	Display Mode	full screen, PiP, PoP, quadview
	Input Resolution	up to 3840 x 2160p @60Hz, 4:4:4 color sampling
	Max Output Resolution	up to 3840 x 2160p @60Hz, 4:4:4 color sampling
	Output Resolutions	3840 x 2160p (60Hz, 50Hz, 30Hz) 2048 x 2048p (57Hz) 1920 x 1200p 1920 x 1080p (60Hz) 1600 x 1200p 1280 x 720p (60Hz) 720 x 480p (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 HDCP 2.2
	KVM	Host Devices
KVM		2 x USB type A for keyboard and mouse console
CONTROL METHODS	Front Panel Buttons	4 x select HDMI 1,2,3,4 input and/or audio 2 x display layout 1 x Panel lock 1 x 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)
	Weight	2.8 KG
	Fixing Components	rear bracket, footpad and screws

- FRONT PANEL -

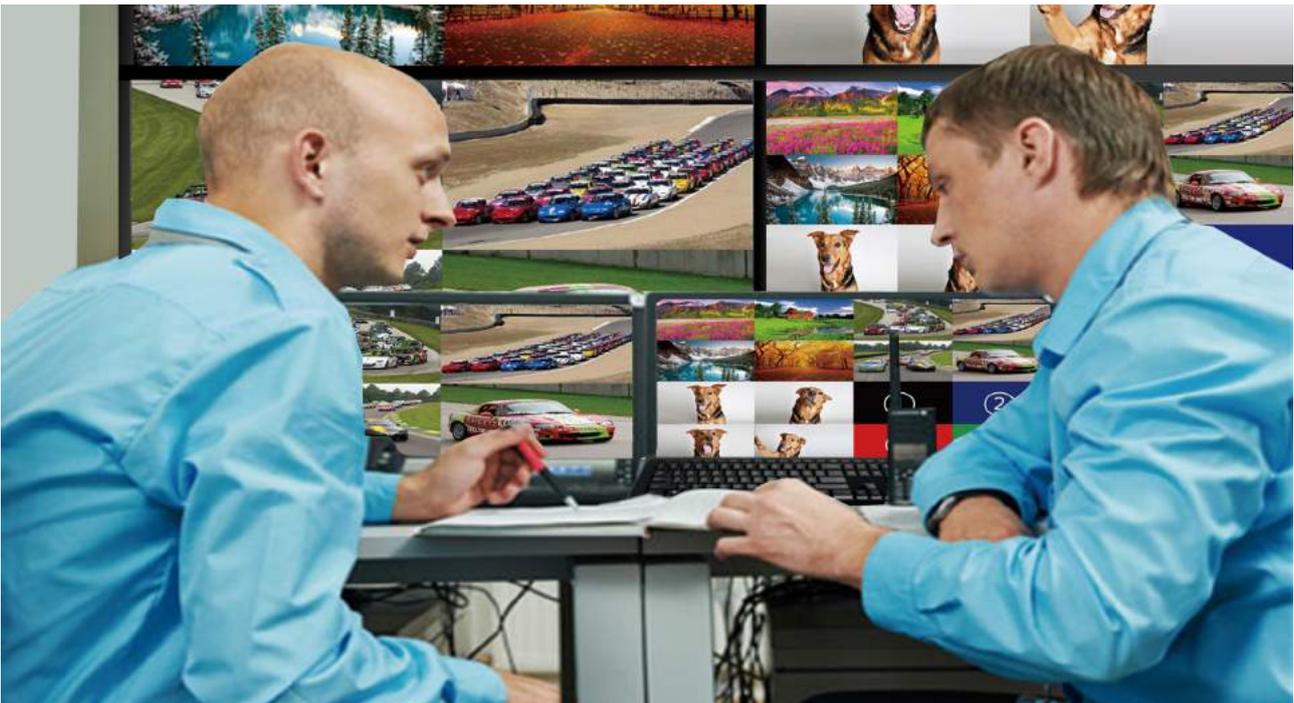


- REAR PANEL -



APPLICATION

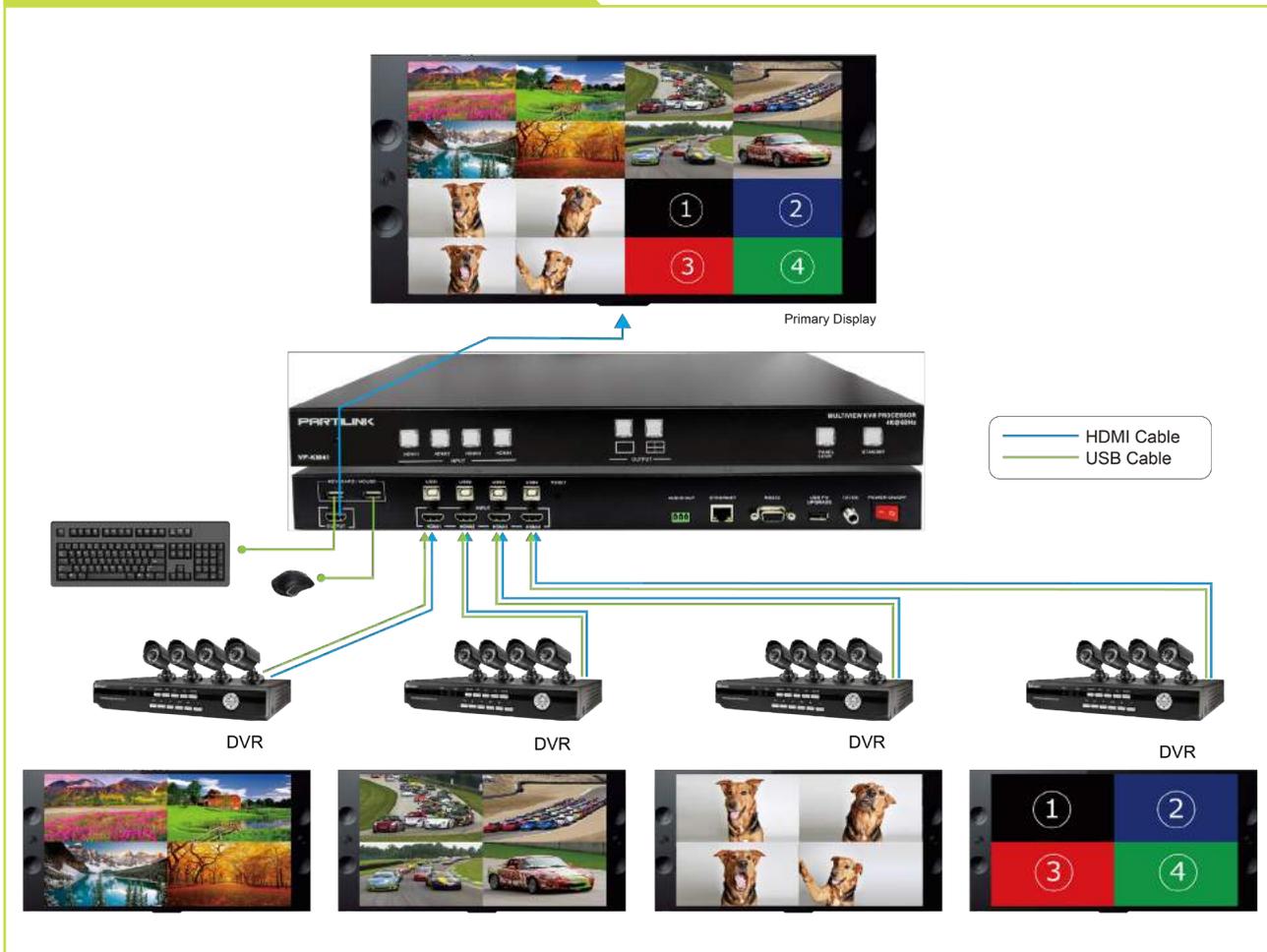
- Hospitality in lobby, hospital, clinic
- Conference room presentation
- Advertising in shopping mall, supermarket, restaurants
- Broadcast in airport, bus or train station, classroom
- Rental and staging
- Entertainment in restaurant, bar, multimedia room, boardrooms, home cinema
- Integrating with DVR, IP camera as a surveillance system
- Monitoring in control room, bank and stock market



CONNECTION DIAGRAM



THE MULTIVIEW DISPLAY FEATURES & MODES



V23-H04H04

HDMI 2.0 MULTIVIEW

VIDEO WALL PROCESSOR (4 in, 4 out)



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.

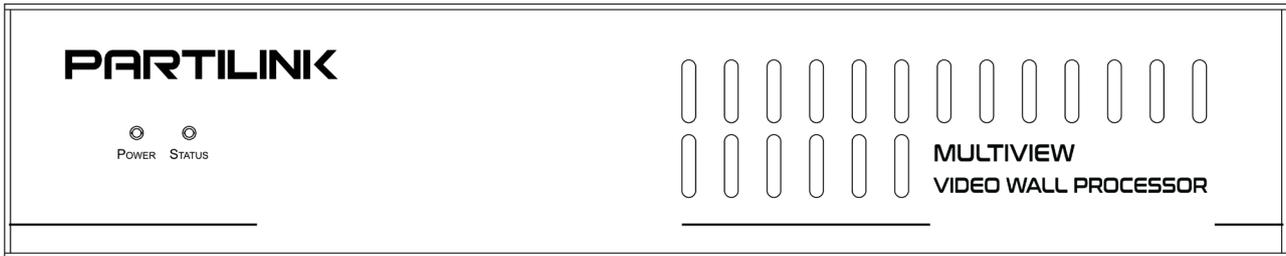
FEATURES

- 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

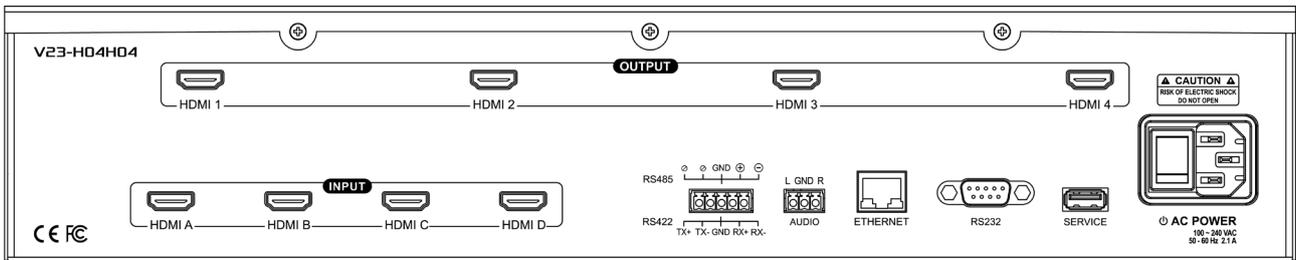
SPECIFICATION

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
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 -

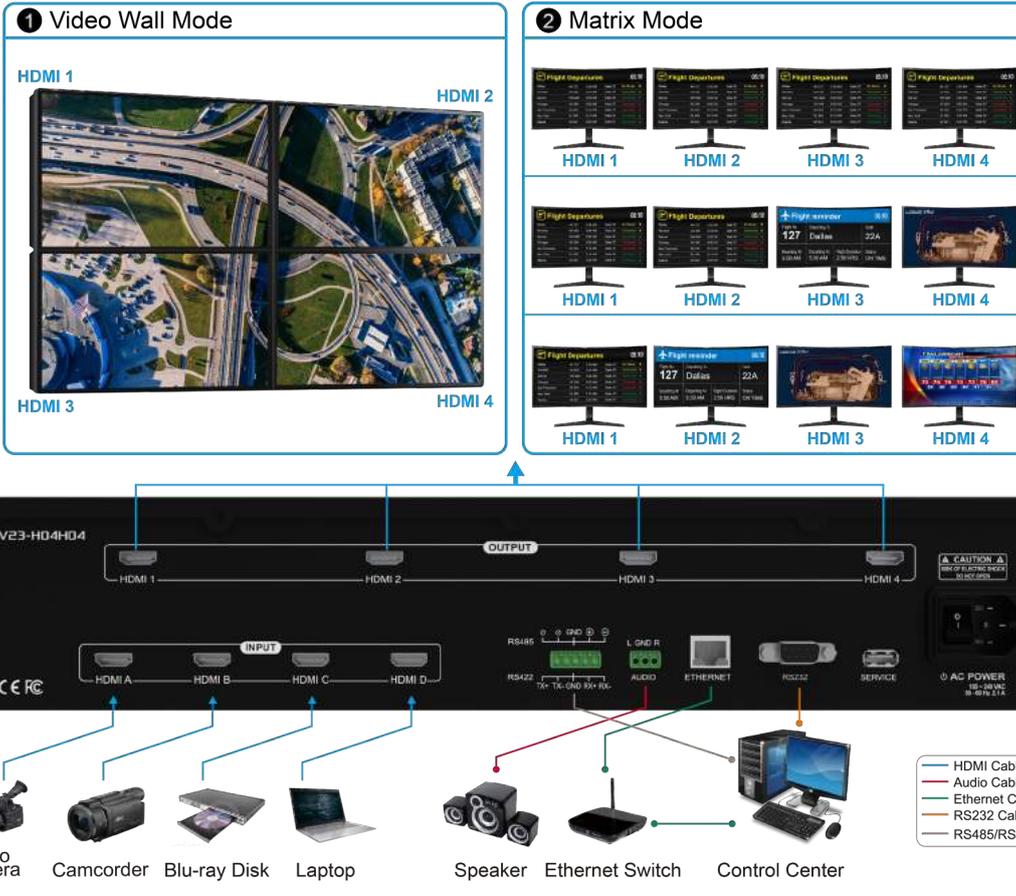


APPLICATION

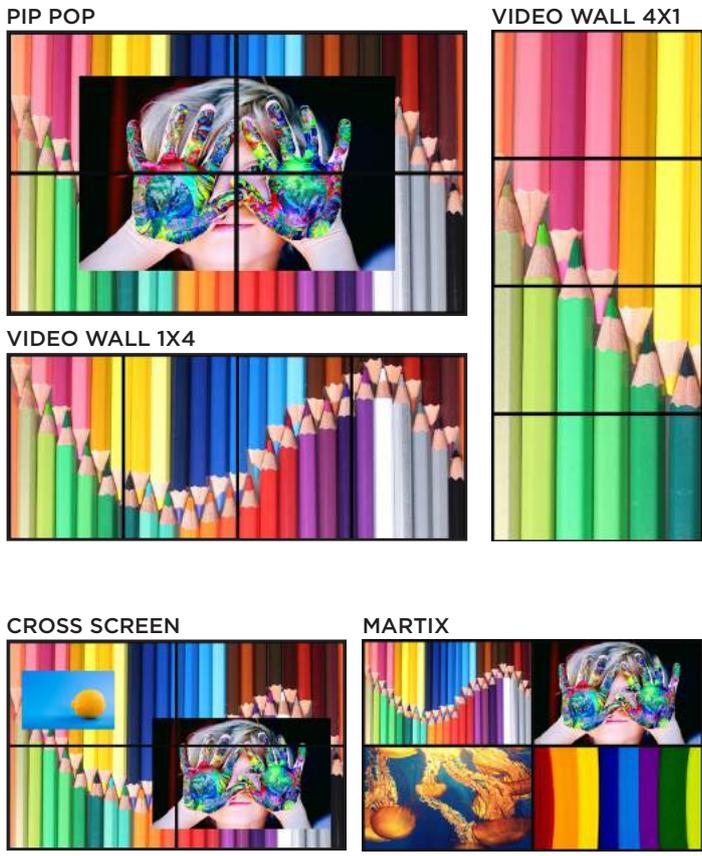
- Hospitality in lobby, hospital, clinic
- Conference room presentation
- Advertising in shopping mall, supermarket, restaurants
- Broadcast in airport, bus or train station, classroom
- Rental and staging
- Entertainment in restaurant, bar, multimedia room, boardrooms, home cinema
- Integrating with DVR, IP camera as a surveillance system
- Monitoring in control room, bank and stock market



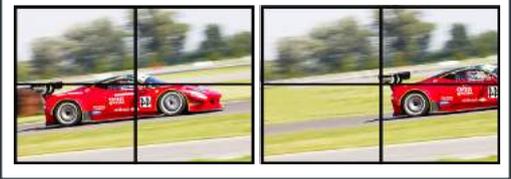
CONNECTION DIAGRAM



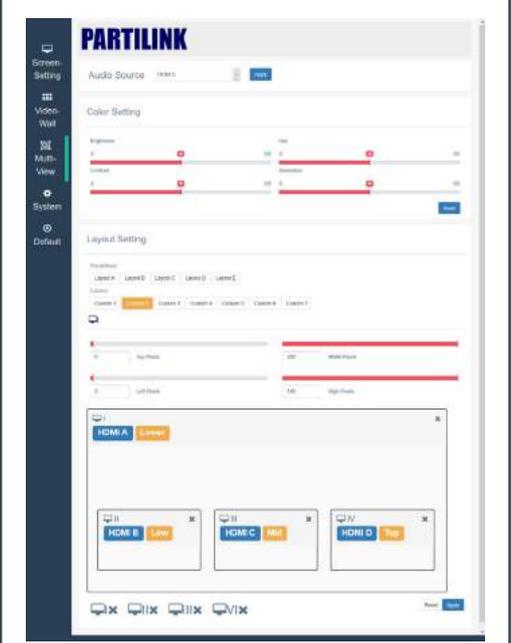
DISPLAY MODE



FRAME SYNCHRONIZATION



WEB UI



V33-H04H10 / V43-H04H16

HDMI 2.0 MULTIVIEW

VIDEO WALL PROCESSOR

(4 in, 10 out / 4 in, 16 out)



OVERVIEW

The Partilink V33-H04H10/V43-H04H16 HDMI 2.0 Multiview Video Wall Processor is an all-in-one video wall system with multiview, scaling, customizing screen layouts, audio management. Its user friendly web UI, RS232, RS485, RS422 and telnet modular and robust design made the video wall control effectively.

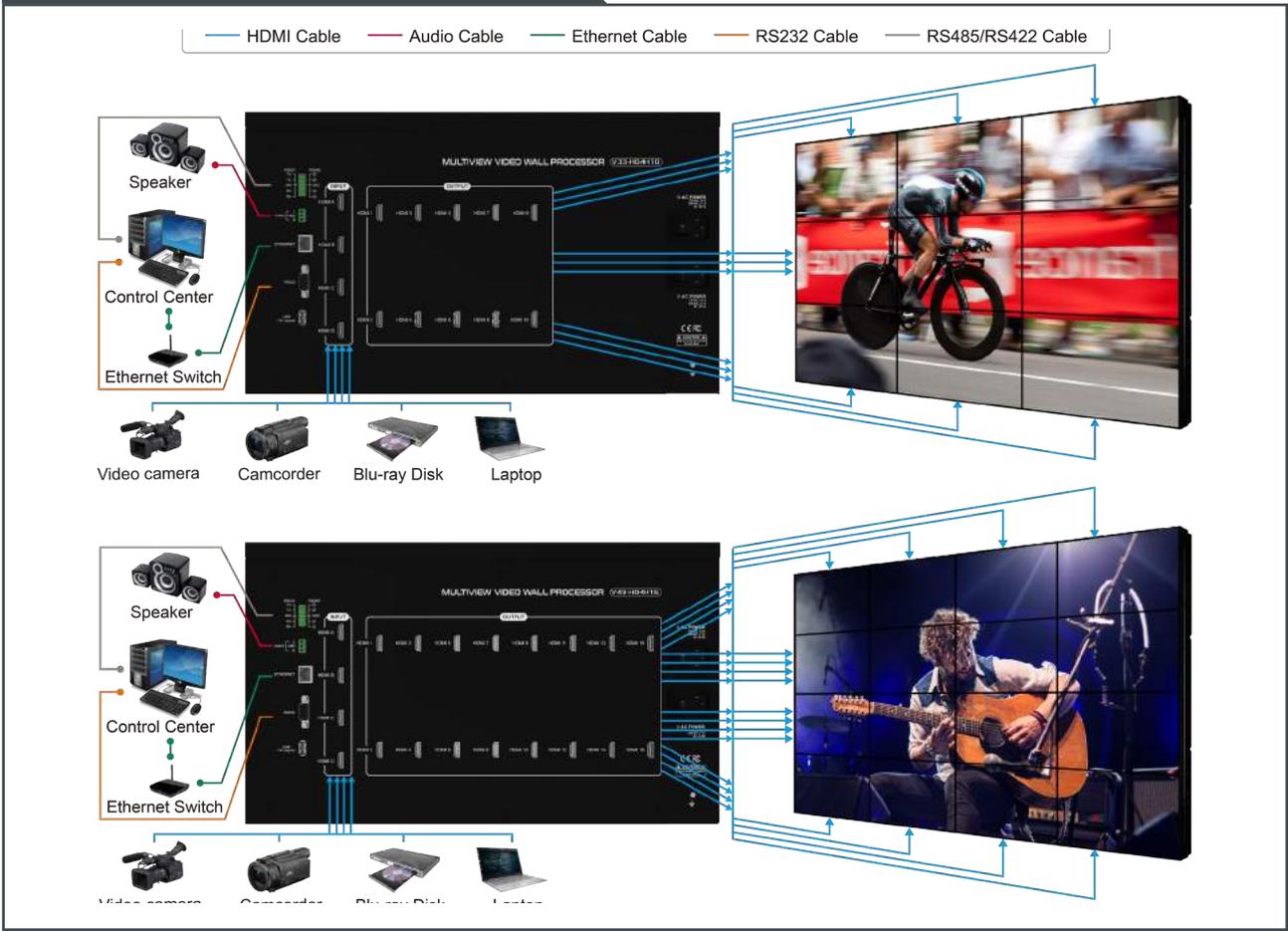
FEATURES

- 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, quad-view and multiple customized screen layout configurations for video wall
- 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
- Dual built-in power supply
- Display modes including video wall, multiview window
- 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 1x10, 2x5, 3x3, 5x2, 10x1 by 10 output model and 2x8, 4x4, 8x2 by 16 output model

SPECIFICATION

MODEL NO.		V33-H04H10	V43 -H04H16
HARDWARE	System Structure	pure hardware	
	Operating System	no CPU and operating system	
INPUT/ OUTPUT	Inputs	4 x HDMI 2.0	
	Output	10 x HDMI 2.0	16 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	
	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	dual built-in power module 100-240 VAC / 50/60 Hz	
	Power Consumption	205W	300W
	Dual Power Supply	yes	
ENVIROMENT	Operating Temperature	0°C ~ 40°C	
	Operating Humidity	20% ~ 90% RH	
	Storage Temperature	-20°C ~ 60°C	
PHYSICAL	Dimensions	440 x 264 x 421 mm (L x W x H)	
	Weight	14.8 KG	16.3 KG
	Fixing Components	handles, footpad and screws	

CONNECTION DIAGRAM



DISPLAY MODE

VIDEO WALL 10X1

PIP POP

CROSS SCREEN

VIDEO WALL 1X10

FRAME SYNCHRONIZATION



WEB UI

PARTILINK

Screen Setting
Video Wall
Main View
System
Default

Audio Source: [Select]

Color Setting

Brightness: [Slider] [Min] [Max]
Contrast: [Slider] [Min] [Max]

Layout Setting

Pre-Set: [Select]

Layout A: [Select] Layout B: [Select] Layout C: [Select] Layout D: [Select]

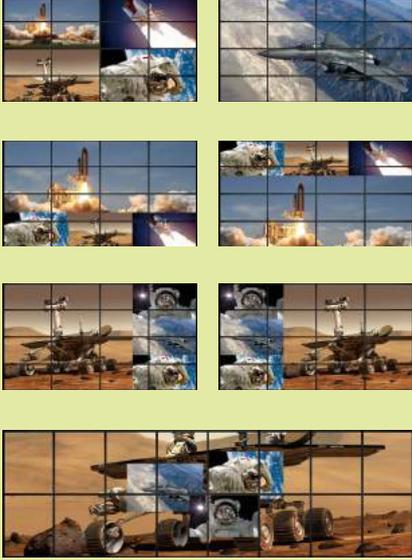
Layout E: [Select] Layout F: [Select] Layout G: [Select] Layout H: [Select]

HDMI A: [Select] [Close]

HDMI B: [Select] [Close] HDMI C: [Select] [Close] HDMI D: [Select] [Close]

MODEL NO.	VP-QV41	VP-QV41H	VP-KM41
DESCRIPTION	HDMI 2.0, VGA, DP Multiview Video Processor	HDMI 2.0 Multiview Video Processor	HDMI 2.0 & USB Quadview KVM Processor
INPUT	HDMI x 4, VGA x 1, DP x 1	HDMI x 4	HDMI x 4, USB x 4
OUTPUT	HDMI x 1, DP x 1	HDMI x 1	HDMI x 1
LIMITATION IN QUAD VIEW MODE & TECH INFORMATION	displays up to HDMI x 3 + VGA x 1 or DP x 1 unable to display HDMI x 4 simultaneously	no limitation in quadview mode, able to output HDMI x 4 sources simultaneously when display	no limitation in quadview mode, able to output HDMI x 4 sources simultaneously when display
PHOTO			
DISPLAY FEATURE	PiP, PoP (multiview mode), full screen mode on one screen		full screen and quadview mode on one screen
			
	 		
OPTION FOR ACCESSORIES	P4K2-HID2: 4K60Hz HDMI 2.0 to DP 1.2 converter P4K2-HD: 4K30Hz HDMI 2.0 to DP converter HRD-11: HDMI 2.0 booster dongle	HRD-11: HDMI 2.0 booster dongle	HRD-11: HDMI 2.0 booster dongle

MULTIVIEW PROCESSORS COMPARISON CHART

V23-H04H04	V33-H04H10	V43-H04H16
HDMI 2.0 Multiview Video Wall Processor(4 in, 4 out)	HDMI 2.0 Multiview Video Wall Processor(4 in, 10 out)	HDMI 2.0 Multiview Video Wall Processor(4 in, 16 out)
HDMI x 4	HDMI x 10	HDMI x 16
no limitation in quadview mode, able to output HDMI x 4 sources simultaneously when display		
		
PiP, PoP (multiview mode), full screen, matrix mode on 2x2 (4 screens) video wall	PiP, PoP (multiview mode), full screen mode on 1x10, 2x5, 3x3, 5x2, 10x1 (10 screens) video wall	PiP, PoP (multiview mode), full screen mode on 2x8, 4x4, 8x2 (16 screens) video wall
		
	flip 	Rotate L90° 
		Rotate R90° 
P4K2-H1D2: 4K60Hz HDMI 2.0 to DP 1.2converter (when required for DP display for medical applicaiton solution)		
P4K2-HD: 4K30Hz HDMI 2.0 to DP converter (when required for DP display for medical applicaiton solution)		
HRD-11: HDMI 2.0 booster dongle		

X13-H08H08

HDMI 2.0 8X8 MATRIX



OVERVIEW

Partilink X13-H08H08 is a HDMI 2.0 8x8 HDMI matrix switcher supporting the distribution of video up to 4K @60Hz YUV 4:4:4, 18 Gbps and multi-channel digital audio from 8 sources to 8 displays. Audio de-embedded from digital HDMI audio is available to output externally as well. Control by front panel button, IR remote, web UI and ASCII command made it easy to build up display and control system.

FEATURES

- HDMI 2.0b compliant
- HDCP 2.2 and HDCP 1.4 compliant
- Up to 4K @60Hz YUV 4:4:4 each HDMI ports
- Cross-switch 4 HDMI devices to 4 HDMI displays in 4K@60Hz
- Supports 7.1 channel digital audio (LPCM, Dolby, True HD and DTS-HD Master Audio)
- Supports de-embedded audio to output via coax port
- Control via front panel button, IR remote, web UI and RS232
- Locking HDMI connector screws
- Supports HDR, CEC and smart EDID management

SPECIFICATION

MODEL NO.	X13-H08H08	
INPUT/ OUTPUT	Inputs	8 x HDMI Type A [19-pin female]
		1 x LAN [RJ45, Control]
		1 x RS-232 [9-pin D-sub, Control]
		1 x IR EXT [3.5mm Stereo Mini-jack]
Outputs	8 x HDMI Type A [19-pin female]	
	8 x Coaxial Audio [RCA]	
IMAGE PROCESSING	HDMI Compliance	HDMI 1.4 And HDMI 2.0
	HDCP Compliance	HDCP 1.4 And HDCP 2.2
	Video Bandwidth	18 Gbps
	Video Resolutions	up to 4K @50/60Hz (YUV 4:4:4), 4K @30Hz, 1080p @120Hz, and 1080p 3D @60Hz
	Color Depth	8-bit, 10-bit, 12-bit
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2	
Audio	HDMI Audio Formats	LPCM 2/5.1/7.1, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
	Audio Formats	PCM 2.0, 32K/44.1K/48K/88.2K/96K/192K, 16/20/24bit
POWER	Power Supply	input: AC100-240V 50/60Hz output: DC12V/3A (US/EU standards, CE/FCC/UL certified)
	Power Consumption	26.5W (max)
ENVIROMENT	Operating Temperature	0°C - 40°C / 32°F - 104°F
	Operating Humidity	20% - 90% RH (non-condensing)
	Storage Temperature	-20°C - 60°C / -4°F - 140°F
PHYSICAL	Housing	metal enclosure
	Color	black
	Dimensions	483mm x 253mm x 44.5mm (L x W x H)
	Weight	3.35 KG
PACKAGE CONTENTS	1 x 8x8 HDMI Matrix	
	1 x 12V/3A Locking Power Adaptor	
	1 x IR Remote	
	1 x Wideband IR Receiver cable	
	1 x RS-232 male to female serial cable	
	1 x User Manual	

P2K-HRSL3E1 / P2K-LHRS1E3 P2K-HRSL3E1-P / P2K-LHRS1E3-P (PoE) 1080P HDMI EXTENDER OVER IP



OVERVIEW

The Partilink 1080P HDMI Extender series is composed of transmitter and receiver to extend HDMI, RS-232 and IR over IP via CATx cable and Gigabite Ethernet switch. Suitable for point to point uni-cast, point to multi-point or multi-point to multi-point multi-cast.

FEATURES

- RS-232 bi-directional extension
- 4 bits switch for 16 stream channel selection
- 2 bits switch for 8 RS-232 Baud rate setting
- HDCP compliant and Blu-Ray ready
- IR extension
- Automatic EDID configuration
- Networking environment under 10/100 BASE-T switch hub and CAT-5 cable switch hub and CAT-5 cable
- Point to point extension, unicast and multicast
- Point to point extension via CATx without Ethernet switch up to 100 m
- PC tool Ethernet and web UI control
- P2K-HRSL3E1-P / P2K-LHRS1E3-P version supports Power over Ethernet

SPECIFICATION

MODEL NO.	P2K-HRSL3E1 (P2K-HRSL3E1-P) Transmitter		P2K-LHRS1E3 (P2K-LHRS1E3-P) Receiver
INPUT	HDMI Type-A female connector		none
OUTPUT	HDMI Type-A female connector for loop through		HDMI Type-A female connector
IR	3.5mm phone jack for IR emitter to control video source device		3.5mm phone jack for IR receiver cable to receive remote signal
COMPRESSION	H.264 compression video format Full HD encoder / decoder		
	MP3 compression audio format stereo 192Kbps encoder / decoder		
	media stream up to 18 Mbps		
HDMI INPUT RESOLUTION	1080p (60Hz, 50Hz)	1080p (30Hz, 25Hz)	1080i (60Hz, 50Hz)
	720p (60Hz, 50Hz)	480i (60Hz, 50Hz)	480p (60Hz, 50Hz)
HDMI OUTPUT RESOLUTION	1080p (60Hz, 50Hz)	1080p (30Hz, 25Hz)	1080i (60Hz, 50Hz)
	720p (60Hz, 50Hz)	480i (60Hz, 50Hz)	480p (60Hz, 50Hz)
AUDIO FORMAT	stereo 192 Kbps		
IP PROTOCOL	TCP, UDP, RTSP, RTP, DHCP, IGMP, Multicast, IPV4		
LAN PORT	RJ-45 connector for 10/100 BASE-T CAT-5 extension		
SERIAL	DB-9 female connector for RS-232		
POWER INPUT	2.0mm power jack for DC5V/2A		
	RJ-45, Power over Ethernet 36V-57V / 7W in (PoE model only)		
ENVIRONMENT	Operating Temperature: 0°C - 55°C		
	Operating Humidity: 5% - 90% RH		
POWER ADAPTER	AC in 100-240V (50-60Hz), DC5V/2A out		
	ESD protection air gap discharge ±8KV, contact discharged ±4KV		
DIMENSION	130 x 82 x 30.25 mm (L x W x H)		
WEIGHT	290 G per transmitter or receiver unit		

- TRANSMITTER -

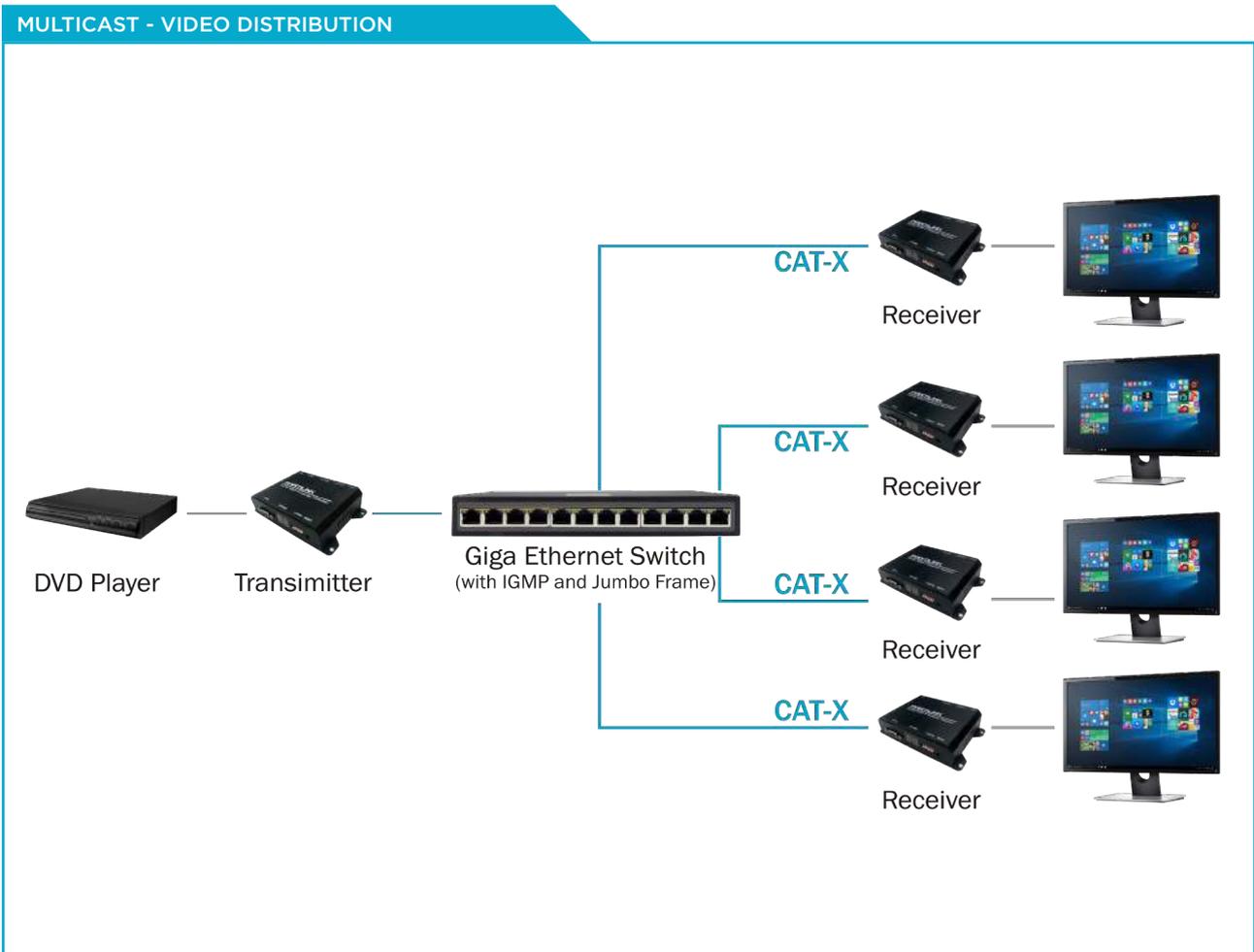


- RECEIVER -

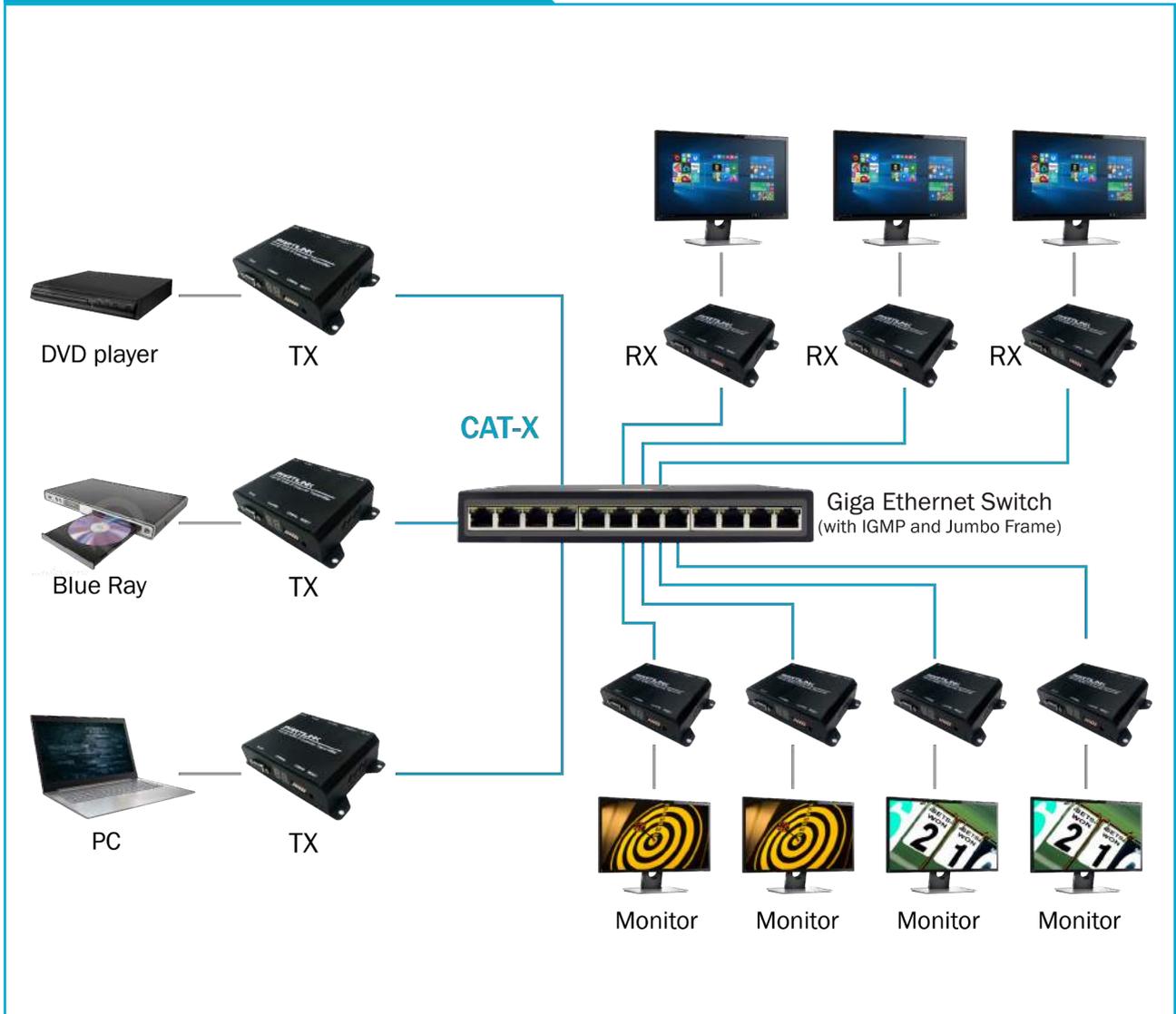


APPLICATION

- Unicast, point to point extension
- Multicast, point to multi points or multi points to multi points extension



MULTICAST - MATRIX DISTRIBUTION



SPECIFICATION

MODEL NO.	P4K-HRSUL4E1 (P4K-HRSUL4E1-P) Transmitter		P4K- LHRU1E4 (P4K-LHRU1E4-P) Receiver		
INPUT	HDMI Type-A female connector		none		
OUTPUT	HDMI Type-A female connector for loop through VGA DB-15 female local output		HDMI Type-A female connector		
IR	2 x 3.5mm phone jack for IR emitter and receiver to control video source device				
COMPRESSION	visual lossless compression				
HDMI INPUT RESOLUTION	3840 x 2160p (30Hz, 24Hz) 1080p (60Hz, 50Hz) 720p (60Hz, 50Hz)	1080p (30Hz, 25Hz) 480i (60Hz, 50Hz)	1080i (60Hz, 50Hz) 480p (60Hz, 50Hz)		
HDMI OUTPUT RESOLUTION	3840 x 2160p (30Hz, 24Hz) 1080p (30Hz, 25Hz) 720p (60Hz, 50Hz)	1080i (60Hz, 50Hz) 480i (60Hz, 50Hz)	480p (60Hz, 50Hz)		
VGA OUTPUT RESOLUTION	1080p (30Hz, 25Hz) 720p (60Hz, 50Hz)	1080i (60Hz, 50Hz) 480i (60Hz, 50Hz)	480p (60Hz, 50Hz)		
AUDIO FORMAT	stereo 192 Kbps				
IP PROTOCOL	TCP, UDP, RTSP, RTP, DHCP, IGMP, Multicast, IPV4				
LAN PORT	RJ45 connector for Giga Ethernet				
SERIAL	DB-9 female connector for RS-232				
MANAGEMENT	LAN port				
	embedded webpage management				
	serial port				
	RS-232 debug, control command				
POWER INPUT	2.0 mm power jack for DC5V/2A				
ENVIRONMENT	Operating Temperature: 0°C ~ 55°C				
	Operating Humidity: 5% ~ 90% RH				
POWER ADAPTER	AC in 100-240V (50-60Hz), DC12V/2A out				
	ESD protection air gap discharge ±8KV, contact discharged ±4KV				
DIMENSION	191.6 x 112.8 x 26.85 mm (L x W x H)				
WEIGHT	450 G				

- TRANSMITTER -

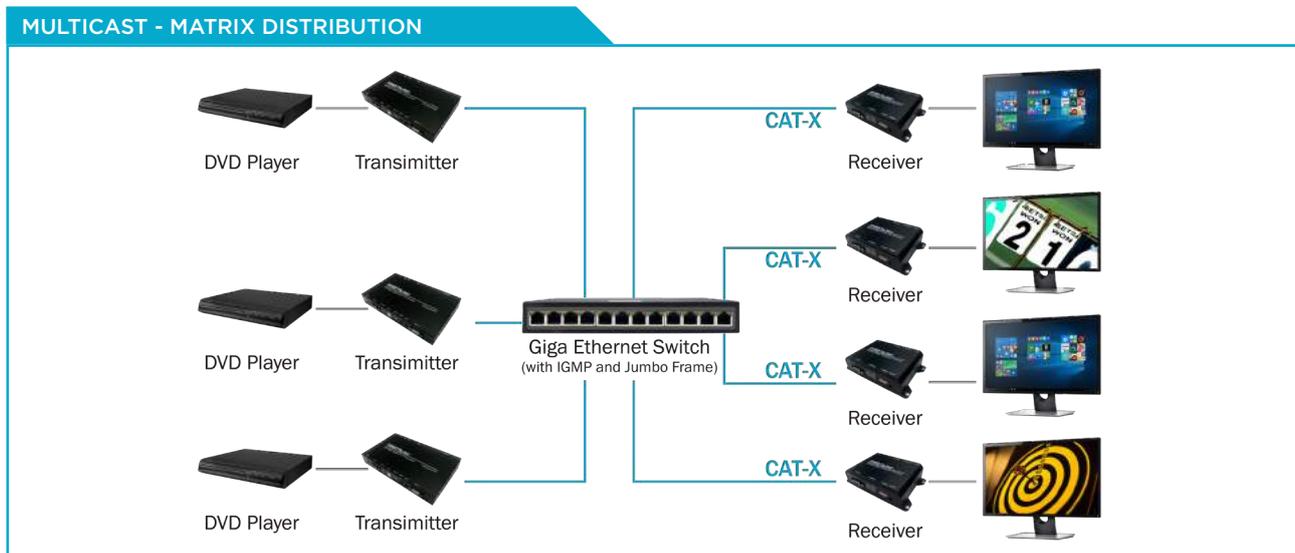
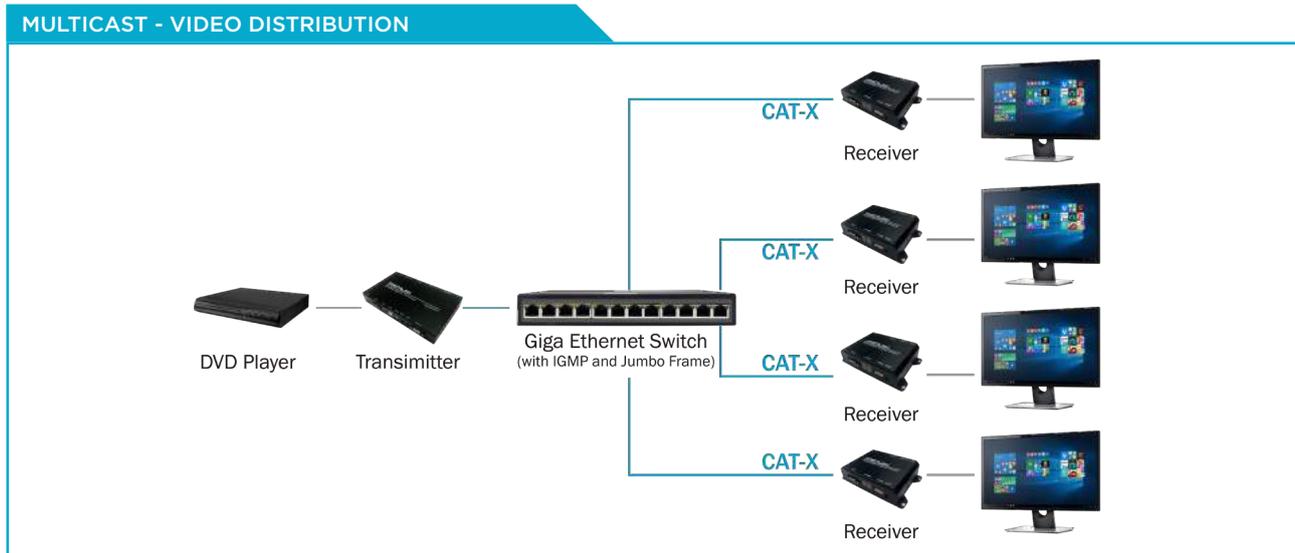
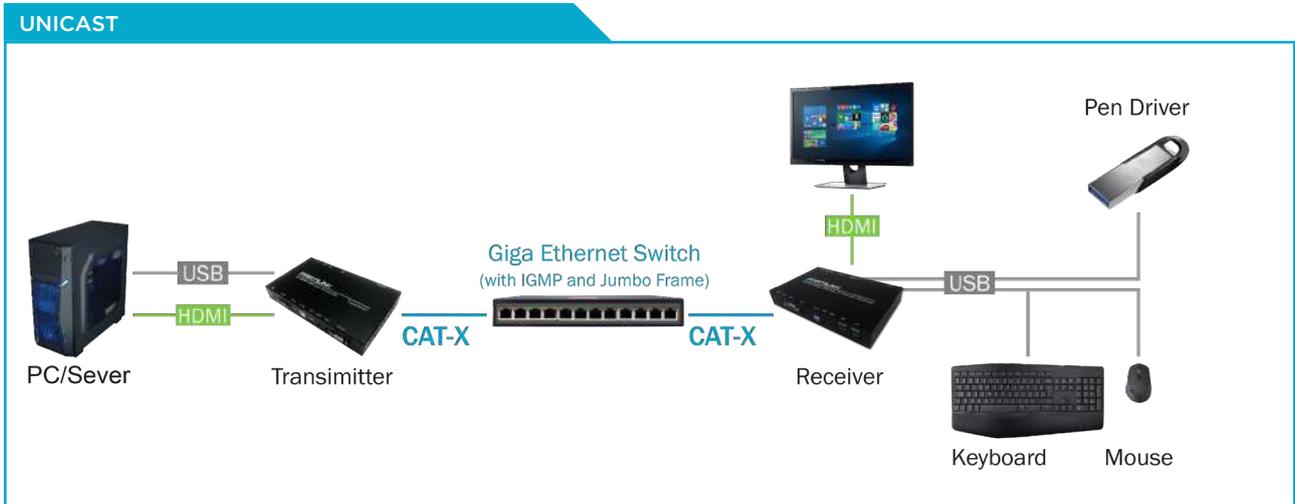


- RECEIVER -

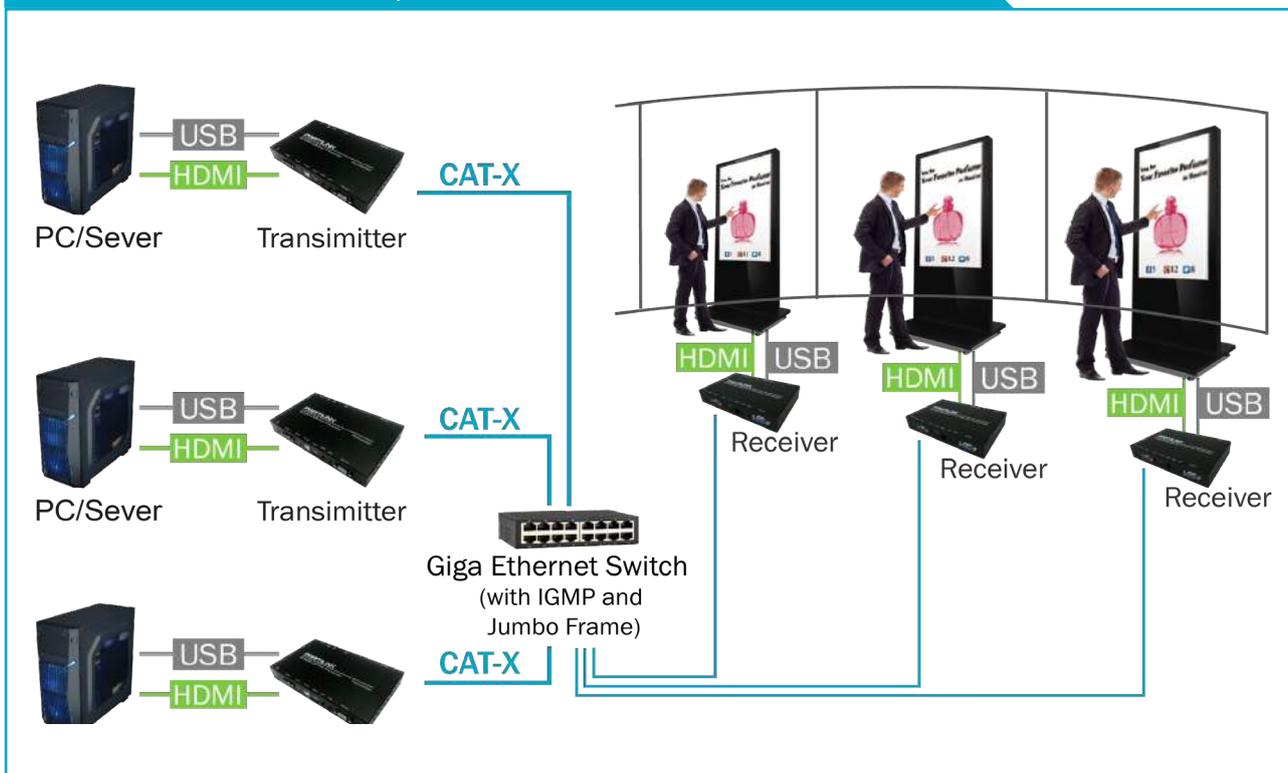


APPLICATION

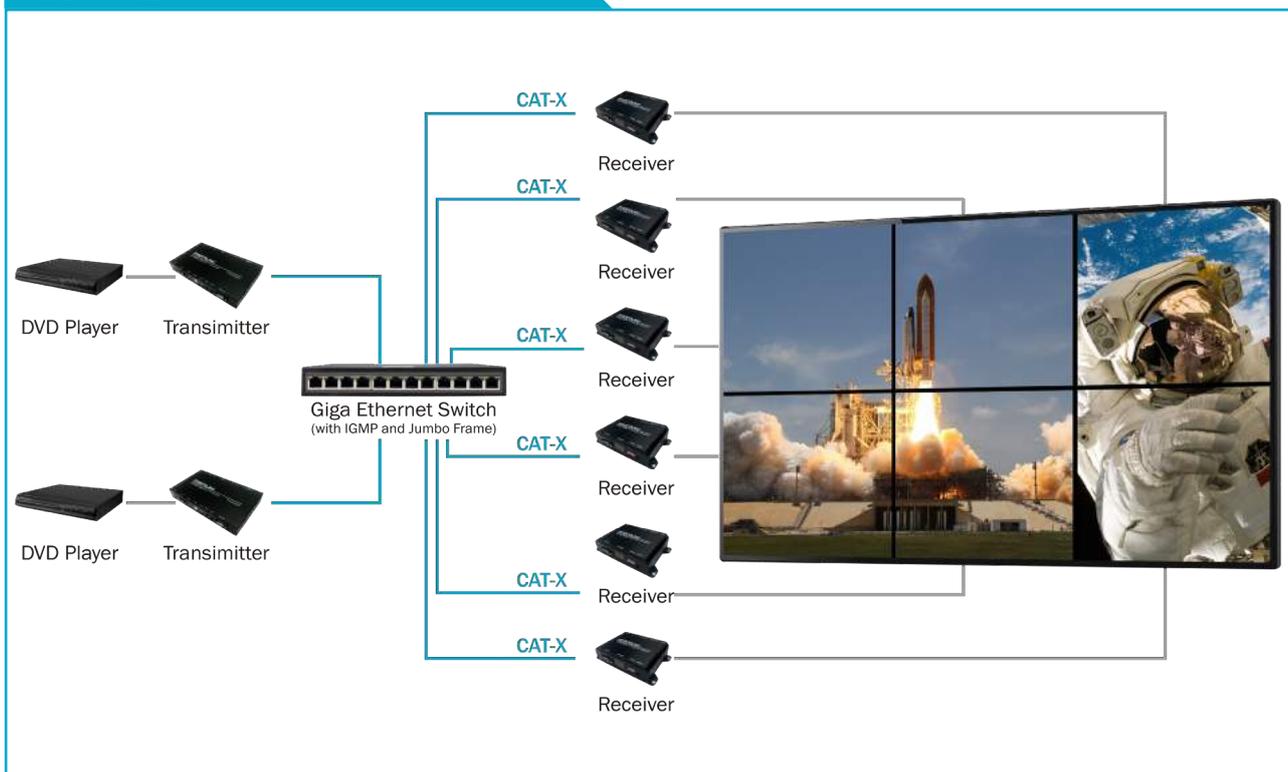
- Unicast, point to point extension
- Multicast, point to multi points or multi points to multi points extension
- Screen wall installation



MULTICAST - BILLBOARD & KIOSK, PC TO HDMI AND USB INTERACTIVE MONITOR



VIDEO WALL



P4K2-HH1S2 / P4K2-HH1S4

HDMI 2.0 SPLITTER



- P4K2-HH1S2 -



- P4K2-HH1S4 -

OVERVIEW

P4K2-HH1S2 and P4K2-HH1S4 are HDMI 2.0 splitter to distribute one video images and audio to two and four displays.

FEATURES

- Ultra HD video resolution up to 4K @60Hz 4:4:4 display
- HDCP 1.4 / 2.2
- EDID parsing and copy
- Cascade up to 16 layers
- Display HDMI 2.0 YUV 4:4:4 format
- Firmware upgradable via micro USB
- 7.1 CH audio
- LED indicator for power and active status
- RS232 control

SPECIFICATION

MODEL NO.	P4K2-HH1S2	P4K2-HH1S4
INPUT	HDMI x 1	HDMI x 1
OUTPUT	HDMI x 2	HDMI x 4
BANDWIDTH	18 Gbps	
HDMI VERSION	HDMI 1.4 and 2.0 compliant	
HDCP VERSION	HDCP 1.4 / 2.2	
HDMI RESOLUTION	HDMI 4K @60Hz HDMI 4K @60Hz / 1080p / 1080i / 720p / 576p / 576i / 480p / 480i HDMI 1080p 3D @60Hz	
COLOR DEPTH	24bit / 30bit / 36bit	
AUDIO FORMAT	LPCM/Dolby-AC3/Dolby True HD/DTS MD master audio	
DATA RATE	Data transfer throughput 6.0 Gbps	
RS232 CONTROL	T x D , R x D , SG	
ENVIRONMENT	Operating Temperature: 0°C ~ 65°C Operating Humidity: 5% ~ 90% RH	
DIMENSION	154 x 69.2 x 23 mm (L x W x H)	194 x 114.7 x 28 mm (L x W x H)
WEIGHT	255 G	604 G

- P4K2-HH1S2 -
- 2 PORTS -



- P4K2-HH1S4 -
- 4 PORTS -



P4K2-HH1S2 - CONNECTION DIAGRAM



P4K2-HH1S4 - CONNECTION DIAGRAM



HR-11

HDMI 2.0 REPEATER BOX (Booster)



OVERVIEW

The Partilink HR-11 repeater box is a booster to regenerate the HDMI 2.0 signal for extension distance up to 20 m. Just connect the repeater between HDMI source and HDMI display such as monitor or projector. The maximum distance from the repeater to display can be up to 20 m. It's also capable to cascade up to 10 units of the repeater.

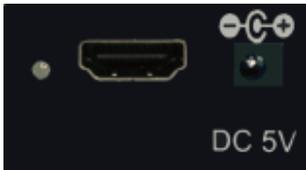
FEATURES

- Allows HDMI 2.0b signals to be sent over long distances using standard HDMI cables
- HDCP 1.4 and 2.2 compliant
- Serial data rate up to 6.0 Gbps, 18GHz bandwidth
- UHD (Ultra-High Definition) 4K @60 Hz
- Retiming capability to transmit clean regenerated signals
- Adaptive and programmable input equalization supporting long and short lengths of cable
- Maintains full quality of the signal in a single HDMI link up to 4K @60Hz 4:4:4 color sampling
- Removes noise generating by long length HDMI cable for better audio visual quality
- CEC / ARC pass through
- Extension length up to 20 m
- Able to cascade up to 10 units

SPECIFICATION

MODEL NO.	HR-11	
DESCRIPTION	HDMI 2.0 Repeater Box	
INPUT	1 x HDMI type A female	
MAX INPUT RESOLUTION	3840 x 2160p 4096 x 2160p @60Hz 4:4:4	
OUTPUT	1 x HDMI type A female	
MAX OUTPUT RESOLUTION	3840 x 2160p 4096 x 2160p @60Hz 4:4:4	
BANDWIDTH	18 Gbps	
HDCP VERSION	HDCP 1.4 / 2.2	
LED INDICATOR	1 x LED, green, red and orange for status indication	
AUDIO	digital audio output over HDMI	
POWER	power supply DC5V power consumption 1W (max.) power jack Φ 1.3mm including Power Adapter EU 5V + Cable USB A to DC 3.5 mm/1.35 mm 5 Volt	
ENVIRONMENT	Operating Temperature	0°C - 45°C
	Operating Humidity	20% - 90% RH
	Storage Temperature	-20°C - 60°C
DIMENSION	154 x 69.2 x 23 mm (L x W x H)	
WEIGHT	96 G	
CASE MATERIAL	robust metal case	

- FRONT PANEL -



- REAR PANEL -



CONNECTION DIAGRAM



HRD-11

HDMI 2.0 REPEATER DONGLE (Booster)



OVERVIEW

The Partilink HRD-11 repeater dongle is a booster to regenerate the HDMI 2.0 signal for extension distance up to 20M. It's built with a HDMI cable to connect with HDMI 2.0 display directly and a USB cable for power supply from the display. It's compliant with HDMI 1.4 and 2.0 and HDCP 2.2 compatible.

FEATURES

- Built-in 50cm HDMI and USB cable for HDMI signal transmission and repeater dongle USB power supply
- Apply to improve the video quality when source from PC, laptop, DVD player and connecting with HDMI display or projector
- HDCP 1.4 and 2.2 compliant
- Serial data rate up to 6.0 Gbps, 18GHz bandwidth
- UHD (Ultra-High Definition) 4K @60 Hz
- Retiming capability allows for clean regenerated signals for transmission
- Adaptive and programmable input equalization supporting long and short cables
- Maintains highest HDMI single link video resolution 4K @60Hz 4:4:4
- Remove noise generating by long HDMI cable for better video quality
- CEC / ARC pass through
- Extension length up to 20 meter on repeater source input

SPECIFICATION

MODEL NO.	HRD-11	
DESCRIPTION	HDMI 2.0 Repeater Dongle (Booster)	
INPUT	1 x HDMI type A female	
MAX INPUT RESOLUTION	3840 x 2160p 4096 x 2160p @60Hz YUV 4:4:4	
OUTPUT	Built-in 50cm HDMI cable with HDMI Type A male connector	
MAX OUTPUT RESOLUTION	3840 x 2160p 4096 x 2160p @60Hz YUV 4:4:4	
BANDWIDTH	18 Gbps	
HDCP VERSION	HDCP 1.4 / 2.2	
LED INDICATOR	LED x 1, green, red and orange for status indication	
AUDIO	digital audio output over HDMI	
POWER	built-in 50cm USB cable with USB Type A male connector	
ENVIRONMENT	Operating Temperature	0°C ~ 45°C
	Operating Humidity	20% ~ 90% RH
	Storage Temperature	-20 ~ 60°C
DIMENSION	25 x 13.5 x 500 mm (including the pigtail 500 mm, length ± 20 mm)	
WEIGHT	62 G	

- INPUT INTERFACE -



- OUTPUT INTERFACE -



CONNECTION DIAGRAM



P4K2-H1D2

HDMI 2.0 TO DP 4K60 CONVERTER



OVERVIEW

P4K2-H1D2 is a HDMI 2.0 to DisplayPort 1.2a converter which provides 1 HDMI input and 2 DisplayPort outputs. It supports resolution up to 4K @60Hz 4:4:4 color sampling. Beside the converter function, it can be taken as a HDMI to DP 1x2 splitter

FEATURES

- DisplayPort 1.2a & HDMI 2.0 compliant
- HDMI input supports video bandwidth up to 18Gbps
- HDCP 1.4 / 2.2
- DisplayPort output supports link rate RBR/HBR/HBR2
- Resolution up to 4K @60Hz 4:4:4 8bits
- Stereo audio
- Firmware upgrade via USB port

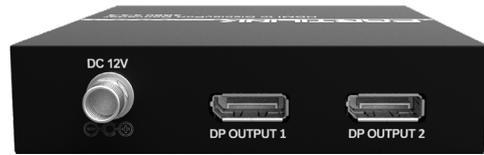
SPECIFICATION

MODEL NO.	P4K2-H1D2	
INPUT	1 x HDMI Type A female	
MAX INPUT RESOLUTION	3840 x 2160p 4096 x 2160p @60Hz YUV 4:4:4	
OUTPUT	2 x DisplayPort female	
MAX OUTPUT RESOLUTION	3840 x 2160p 4096 x 2160p @60Hz YUV 4:4:4	
AUDIO	stereo, 32k ~ 192kHz sampling rate	
POWER	DC 12V/2A, locking barrel connector	
ENVIRONMENT	Operating Temperature	0°C ~ 45°C
	Operating Humidity	20% ~ 90% RH
	Storage Temperature	-20°C ~ 60°C
DIMENSION	108 x 114 x 24.6 mm (L x W x H)	
WEIGHT	356 G	

- FRONT PANEL -

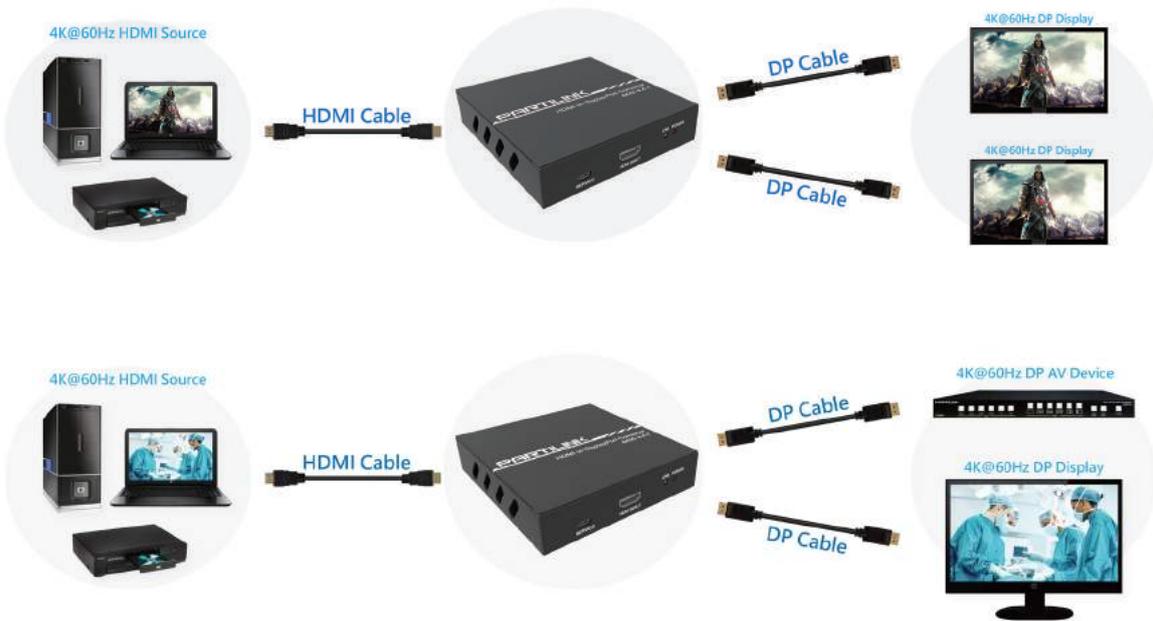


- REAR PANEL -

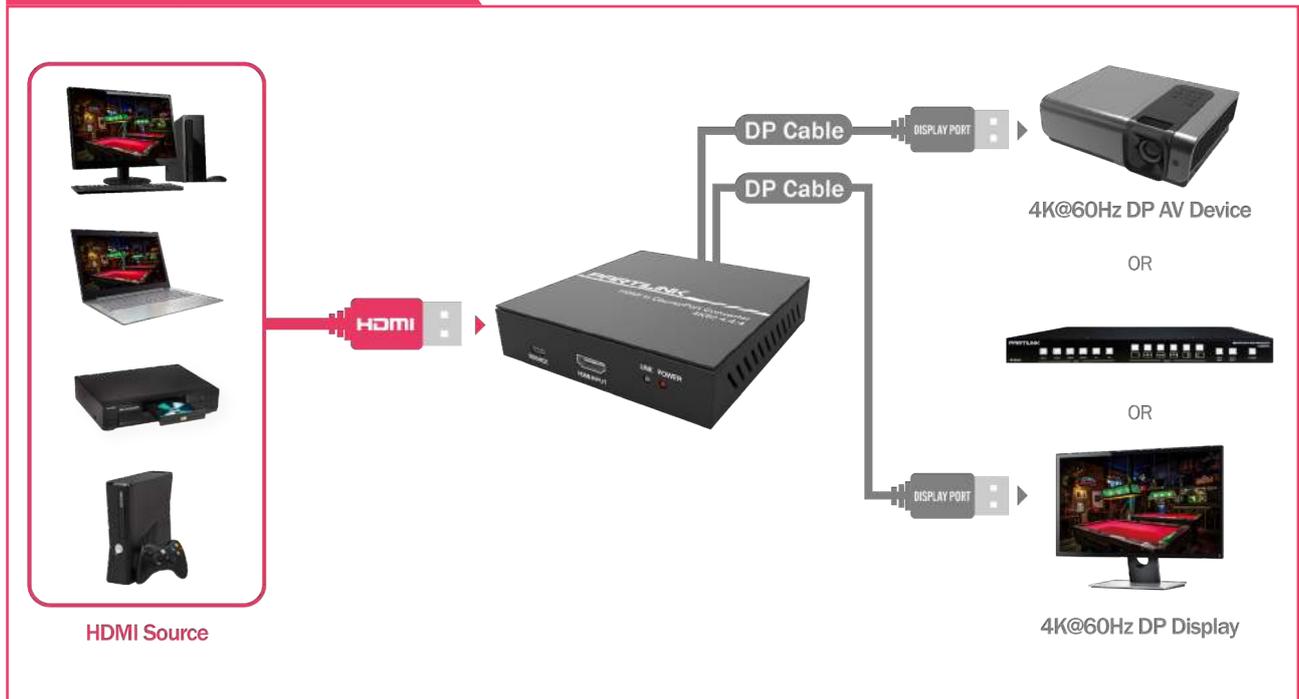


APPLICATION

- Unicast, point to point extension
- Multicast, point to multi points or multi points to multi points extension
- Screen wall installation



CONNECTION DIAGRAM



P4K2-HD

HDMI 1.4 TO DP1.2A CONVERTER



OVERVIEW

P4K2-HD is a converter to convert the HDMI1.4 signal to DP1.2 A for output. It support resolutuion up to 3840 x 2160 @30Hz.

FEATURES

- Plug & play
- HDMI speed up to 2.97 GbPs
- HDCP 1.1 compliant
- DisplayPort output supports link rate RBR (1.62Gbps)/ HBR (2.7Gbps) / HBR2 (5.4 Gbps)
- Resolution up to 3840 x 2160 @30Hz
- Low power consumption, no external power required
- EDID pass through

SPECIFICATION

MODEL NO.	P4K2-HD	
INPUT	1 x HDMI Type A female	
MAX INPUT RESOLUTION	3840 x 2160p @30Hz, 1920 x 1080p @120Hz	
OUTPUT	1 x DisplayPort male	
MAX OUTPUT RESOLUTION	1920 x 1080p @120Hz 24 bit 1920 x 1200p @60Hz 24 bit 3840 x 2160p @30Hz 24 bit	
AUDIO	7.1 digital up to 192kHz sampling rate	
POWER	DC 12V/2A, locking barrel connector	
ENVIRONMENT	Operating Temperature	-20°C ~ 85°C
	Operating Humidity	20% ~ 95% RH non-condensing
DIMENSION	40 x 15 x 45 mm (W x H x D), cable length 95mm	
WEIGHT	25 G	

- INPUT INTERFACE -



- OUTPUT INTERFACE -



CONNECTION DIAGRAM



GRA-H01

4K HDMI GRABBER



OVERVIEW

Partilink 4K HDMI Grabber is designed to support 4K UHD video output and captures audio/video HDMI source; transferring audio/video between the grabber and your PC/NB through USB, easily enables streamers to capture each sound and movement. With Partilink 4K HDMI Grabber, it will not affect the performance of your computer and benefit from a stable video capture in 1920 x 1080p at 60 fps.

FEATURES

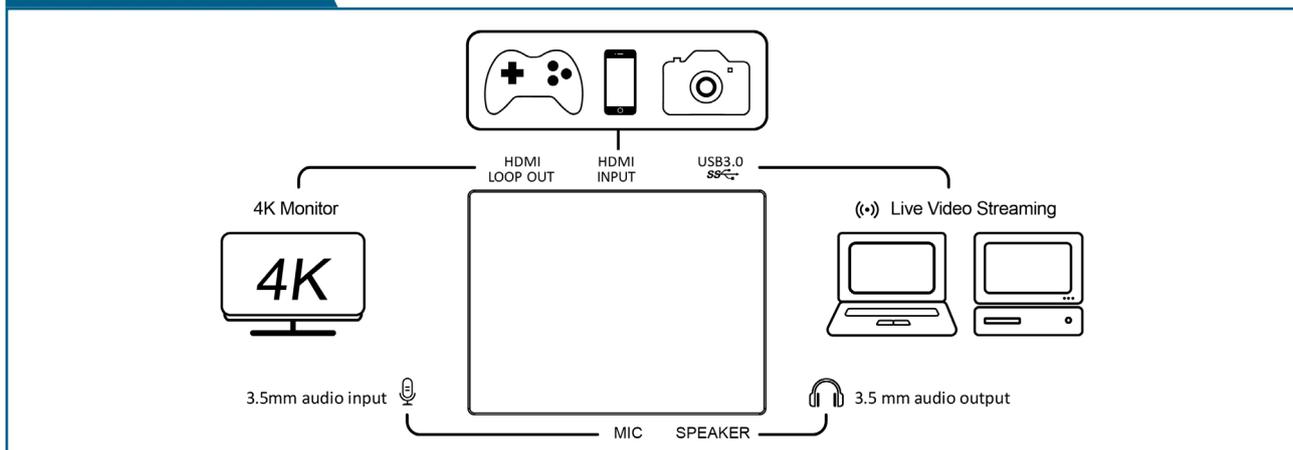
- Support HDMI 2.0 and UHD resolution up to 4K at 60 frames per second
- Support HDMI 2.0 loop-through output
- USB 3.0 Video capture at 1080p @60fps
- Video capture in 1920 x 1080p at 60 frames per second
- Support USB 3.0 and USB 2.0 data uplink
- Audio capture mixed with external line-in audio at 48 kHz sampling rate
- Support true 24-bit color and provides consistent frame rate performance regardless of video content
- Support UVC 1.0
- Support stereo microphone input and stereo headphone output
- Captures PS4 Pro and Xbox One X game display
- GUI control interface for Windows
- No external power supply required
- Plug-n-play (No Drivers needed for Windows 8 and above)

SPECIFICATION

MODEL NO.	GRA-H01	
DESCRIPTION	4K UHD HDMI to USB 3.0 Video Grabber	
INPUT INTERFACE	1 x HDMI type A	
	1 x 3.5mm audio input	
INPUT RESOLUTION	3840 x 2160p (60Hz, 50Hz, 30Hz, 25Hz, 24Hz)	
	1920 x 1080p (60Hz, 50Hz, 30Hz, 25Hz, 24Hz)	
	1280 x 720p (60Hz, 50Hz, 30Hz)	
	640 x 480p (60Hz)	
HDMI VIDEO SAMPLING	4:4:4 format	
OUTPUT INTERFACE	1 x HDMI type A, loop-through output	
	1 x USB Type A (USB 3.0, USB 2.0), supporting UVC video and audio	
	1 x 3.5 mm audio output	
OUTPUT RESOLUTION	up to 3840 x 2160p @60Hz via HDMI	
	3840 x 2160p (60Hz, 50Hz, 30Hz, 25Hz, 24Hz)	
	1920 x 1080p (60Hz, 50Hz, 30Hz, 25Hz, 24Hz)	
	1280 x 720p (60Hz, 50Hz, 30Hz)	
OUTPUT RESOLUTION	up to 1080p @60Hz via USB	
	1920 x 1080p (60Hz, 50Hz, 30Hz, 25Hz, 24Hz)	
	1280 x 720p (60Hz, 50Hz, 30Hz)	
	640 x 480p (60Hz)	
UVC COLOR SPACE	YUY2 (4:2:2), RGB 4:4:4 (MJPG)	
AUDIO INPUT	HDMI, 16-bit PCM encoded audio at 44.1kHz, 48kHz, 96kHz and 192kHz sampling rates	
	stereo microphone input	
AUDIO OUTPUT	16-bit PCM encoded audio at 48kHz sampling rates	
	stereo headphone output	
SYSTEM REQUIREMENTS	CPU	i5 Dual Core 2.8GHz or higher
	RAM	4GB or higher
	OS	Microsoft Windows (8 and above) Mac OS X (10.13 and above)
ENVIRONMENT	Operating Temperature	0°C - 45°C
	Operating Humidity	20% - 90% RH
	Storage Temperature	-20°C - 60°C
DIMENSION	65 x 85.6 x 15.2 mm (W x L x H)	
WEIGHT	91 G	
AVAILABLE IN	titanium gray	
ACCESSORIES	USB 3.0 cable	

*does not support HDCP
*does not support interlaced (i): 1080i, 720i, 480i

CONNECTION DIAGRAM



GR1-H01

FHD HDMI GRABBER



OVERVIEW

Partilink FHD HDMI grabber (external USB capture) designed to capture 1080p video/audio signal from HDMI source, and transfer video/audio between grabber and PC/NB through USB cable. Minimal design to reduce space on your table but at the same time, capture resolutions up to 1080p at 60 frames per second

FEATURES

- Capture video and audio from HDMI sources such as video display or camera sources
- Supports true 24-bit color and provides consistent frame rate performance regardless of video content
- Support USB 3.0 or USB 2.0 data uplink. Sources power from the USB port, no external power supply required
- Captures Resolutions up to 1080p @60Hz
- Compatible with many multiple 3rd party applications interfaces such as; DirectShow on Windows, Video4Linux on Linux, QuickTime on Mac OSX
- Minimal to zero lag video capture for a live streamer
- Sources power from the USB port, no external power supply required

SPECIFICATION

MODEL NO.	GR1-H01
DESCRIPTION	FHD HDMI grabber
INPUT INTERFACE	HDMI Type A: HDMI 1.4b standard up to 1080p at 60fps
OUTPUT INTERFACE	Micro USB Type B
VIDEO SAMPLING	4:4:4 format
RESOLUTION	480p, 720p, 1080p
OUTPUT COLOR SPACE	YUV2, RGA
HDMI AUDIO	16-bit PCM encoded audio at 32KHz, 44.1KHz and 48KHz sampling rates
COLOR	titanium gray
DIMENSION	78 x 41 x 15 mm (W x L x H)
WEIGHT	56 G

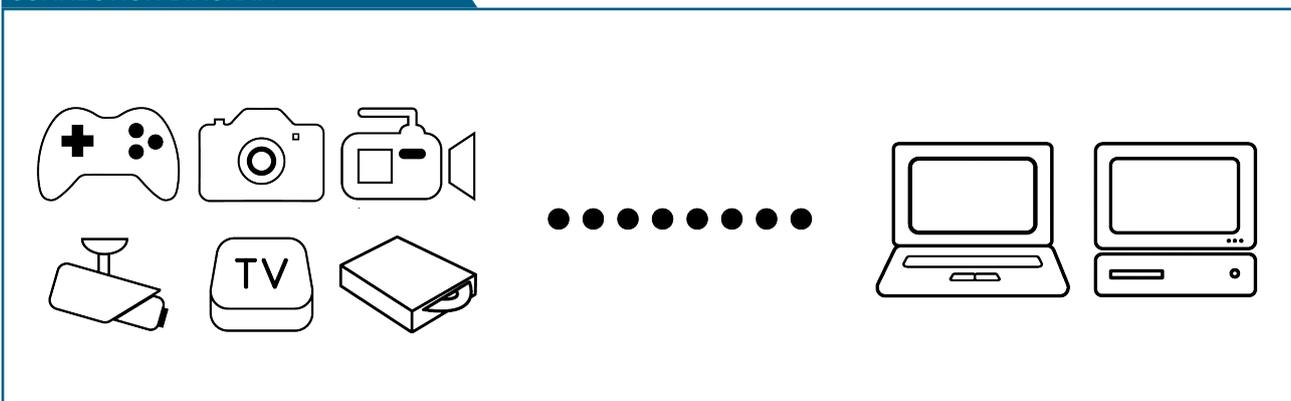
- INPUT INTERFACE -



- OUTPUT INTERFACE -



CONNECTION DIAGRAM



GR2-H01

1080P HDMI TO USB-C GRABBER



OVERVIEW

Partilink 1080p HDMI to USB-C Grabber is designed to capture 1080p video allowing the user to plug-in various HDMI output devices (such as PS4, XBOX, Switch, camera, etc.) data uplink to 1920 x 1080p at 60Hz to the computer through the USB terminal. Streaming media made easy, capture every sound and movement. It will not affect your computer's performance, while maintaining a resolution up to 1080p at 60 frames per second.

FEATURES

- Supports HDMI 1.4b Standard up to 1080p @60Hz
- Supports video capture at 1080p @60Hz
- Supports 24 bit color
- Supports USB 3.0 and USB 2.0 data uplink
- Supports UVC 1.0
- Supports USB-C connector
- Supports USB port power supply, no need for an external power supply
- Compatible with third-party applications, such as PotPlayer, QuickTime, OBS, Xsplit, vMix, etc.

SPECIFICATION

MODEL NO.	GR2-H01	
DESCRIPTION	1080p HDMI to USB-C Grabber	
INPUT INTERFACE	1 x HDMI Type A	
	HDMI 1.4b standard up to 1080p at 60fps	
OUTPUT INTERFACE	1 x USB type-C (USB 3.0)	
	UVC video and audio	
RESOLUTION	640 x 480p @60Hz, 1280 x 720p @60Hz, 1920 x 1080p @60Hz	
VIDEO SAMPLING	4:4:4 format	
OUTPUT COLOR SPACE	YUY2, RGB	
HDMI AUDIO	16-bit PCM encoded audio at 48kHz sampling rates	
SYSTEM REQUIREMENTS	CPU	i5 Dual Core 2.8GHz or higher
	RAM	4GB or higher
	OS	Windows (8 and above) Mac OSX (10.13 and above)
ENVIRONMENT	Operating Temperature	0°C - 45°C
	Operating Humidity	20% - 90% RH
DIMENSION	42 x 240 x 14 mm (W x L x H including cable length)	
WEIGHT	40 G	
COLOR	titanium gray	
ACCESSORIES	USB-C to USB-A 3.0 Adapter	
*does not support HDCP *does not support interlaced (i): 1080i, 720i, 480i		

- INPUT INTERFACE -



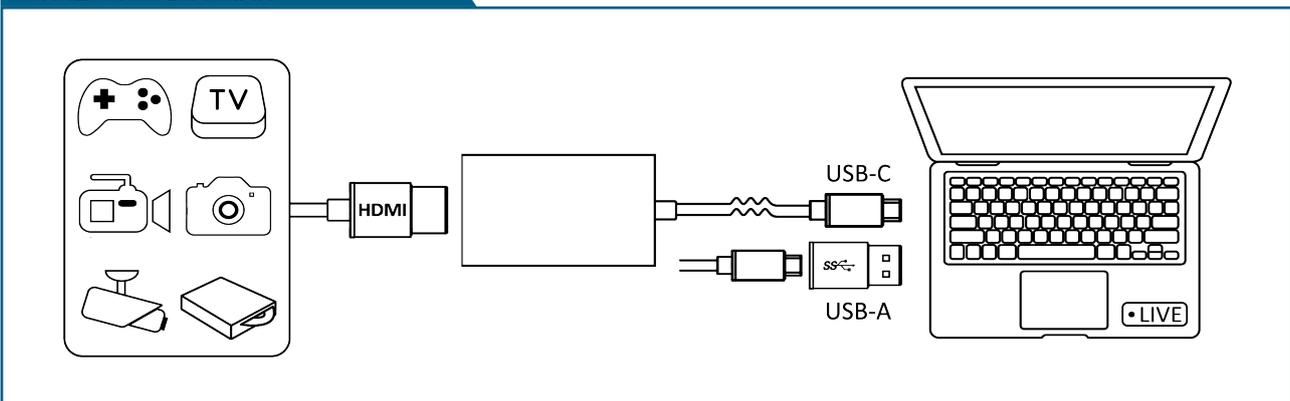
- OUTPUT INTERFACE -



- USB-C TO USB-A 3.0 ADAPTER -



CONNECTION DIAGRAM



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