



PARTILINK

**AV PRODUCT
DESIGNER & MANUFACTURER**
PRODUCT CATALOG 2021





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
V43-H04H02 (Quadview Duo)-----	16

02 MULTIVIEW VIDEO WALL PROCESSOR

V23-H04H04 (4 in, 4 out) -----	21
V33-H04H10 (4 in, 10 out) -----	25
V43-H04H16 (4 in, 16 out) -----	25

03 MULTIVIEW VIDEO & QUADVIEW KVM & VIDEO WALL PROCESSOR

Comparison Chart -----	29
------------------------	----

04 HDMI 2.0 MATRIX 8x8 SWITCH

X13-H08H08 -----	32
------------------	----

05 AV EXTENDER OVER IP

P2K-HRSL3E1 / P2K-LHRS1E3 (1080P HDMI Extender) -----	36
P2K-HRSL3E1-P / P2K-LHRS1E3-P (1080P HDMI Extender with PoE) -----	36
P4K-HRSL4E1 / P4K-LHRS1E4 (4K UHD HDMI Extender) -----	39
P4K-HRSL4E1-P / P4K-LHRS1E4-P (4K UHD HDMI Extender with PoE) -----	39

06 SPLITTER

P4K-HH1S2(HDMI 1.4 SPLITTER) -----	44
S13-H01H04 / S13-H01H08 (HDMI 2.0 Splitter) -----	46

07 BOOSTER

HR-11 (HDMI 2.0 Box) -----	48
HRD-11 (HDMI 2.0 Dongle) -----	50

08 CONVERTER

P4K2-H1D2 (HDMI to DP 4K60 Box) -----	52
P4K2-HD (HDMI to DP 4K30 Dongle) -----	54

09 VIDEO CAPTURE

GRA-H01 (4K HDMI Grabber) -----	56
GR2-H01 (1080P HDMI to USB-C Grabber) -----	58
GRA-H01C01 (HDMI 2.0 to 4K@30Hz USB-C Capture Dongle) -----	60
GRA-HU2HU3 (HDMI 2.0 to 4K@30Hz USB-C Capture Pro Box) -----	63
GRA-H02C02 (HDMI 2.0 to 4K@30Hz USB-C VideoSync Capture) -----	66
PC1-H01HP2 (HDMI 2.0 to 4K@30Hz PCIe Capture Card) -----	69

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.

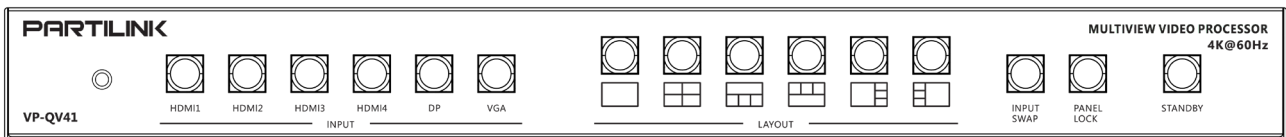
FEATURES

- 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

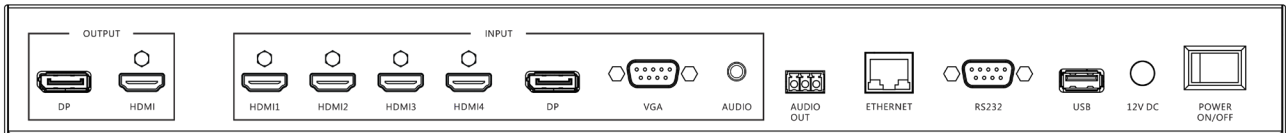
SPECIFICATION

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

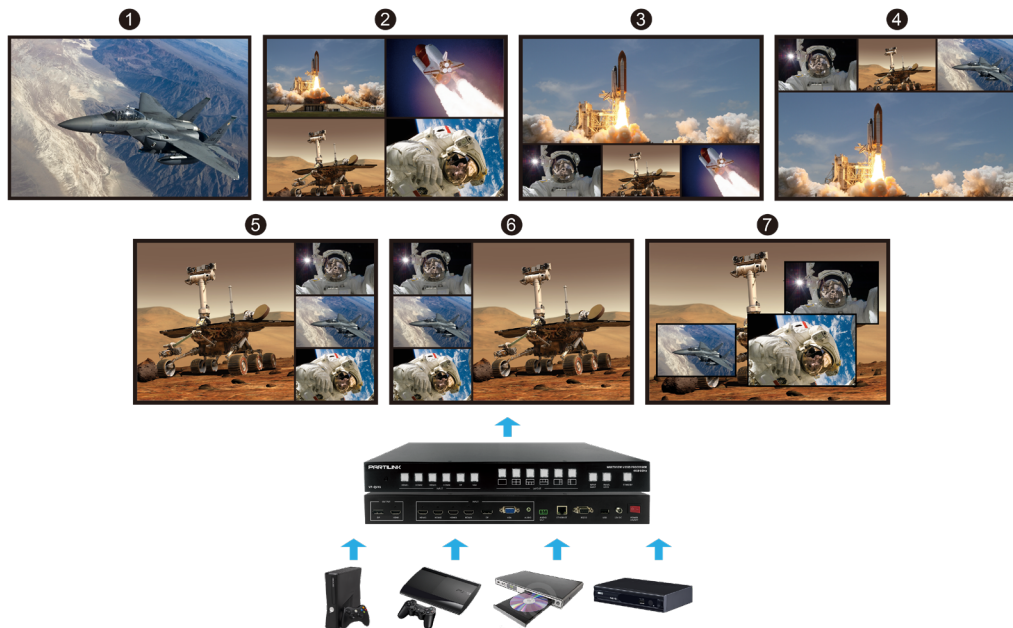
- Hospitality in lobby, hospital, clinic
- Conference room presentation
- Advertising in shopping mall, supermarket, restaurants
- Broadcast in airport, bus or train station, classroom
- Rental and staging
- Entertainment in restaurant, bar, multimedia room, boardrooms, home cinema
- Integrating with 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.

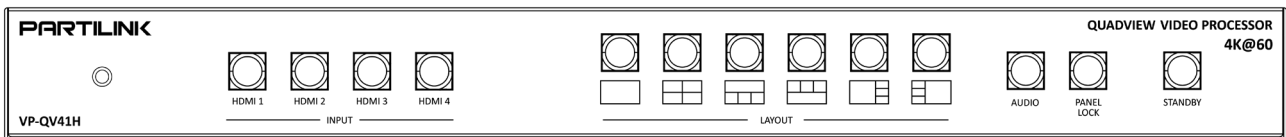
FEATURES

- 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.

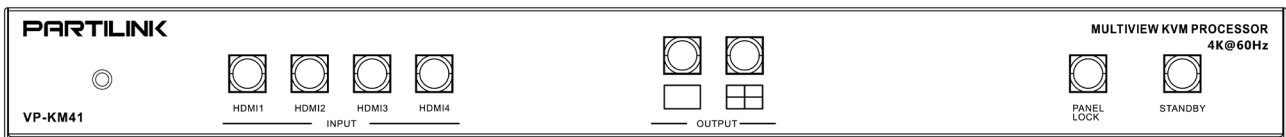
FEATURES

- 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	4 x USB type B for 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 -

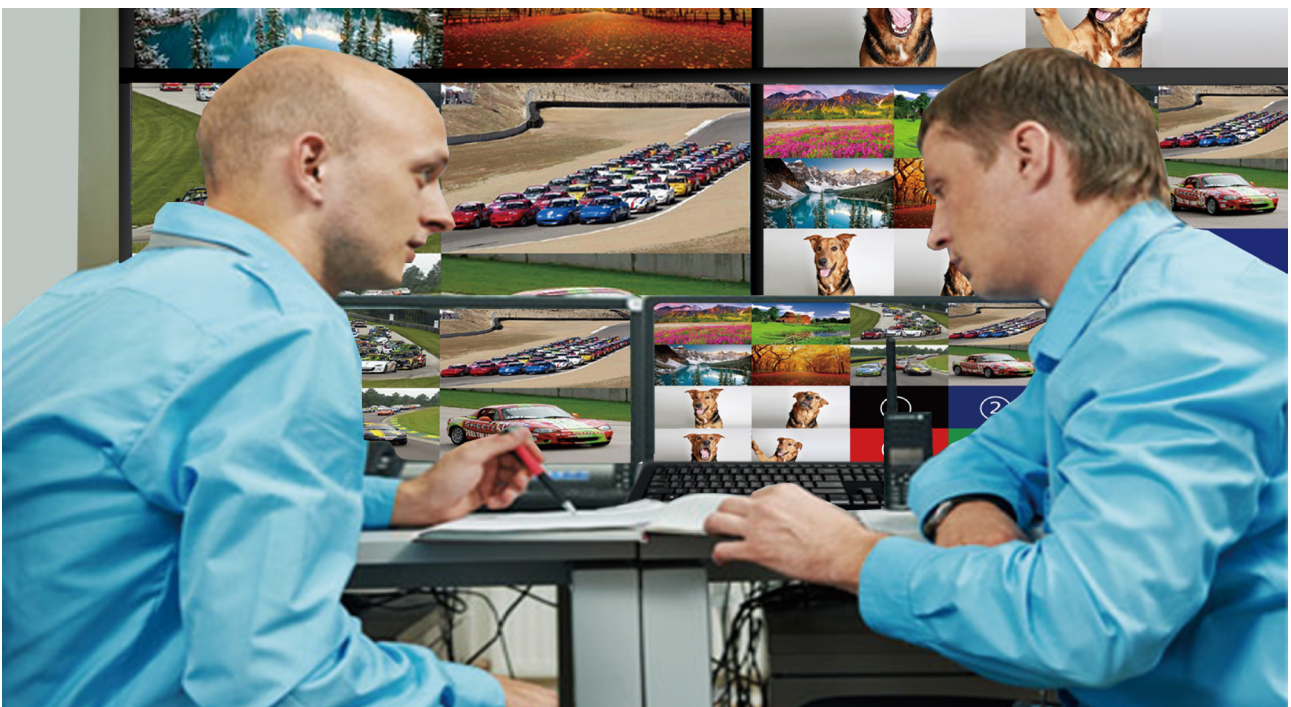


- REAR PANEL -



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



V43-H04H02

HDMI 2.0 QUADVIEW DUO VIDEO PROCESSOR (4 in, 2 out)

no limitation in quadview mode, able to output HDMI x 4 sources on 2 monitors simultaneously when display.



OVERVIEW

Partilink QuadView Duo V43-H04H02 is a HDMI 2.0 Multiview Processor with 4 HDMI inputs and 2 HDMI outputs supporting multiview PORTRAIT and LANDSCAPE display mode. It enables user to display simultaneously maximum four HDMI sources on two vertical screens or 2 horizontal screens (4K@60Hz 4:4:4). It is super easy to use and control via its web user interface, Telnet & serial ports to customize your HDMI contents layout on monitors.

The Landscape and Portrait Display possibility in Multiview 4k60hz mode will satisfy user needs of impressive and singular AV displays in either simple digital signage display or chain store such as show room, chain store, gambling shop, bar, casino & corporate's lobby etc.

FEATURES

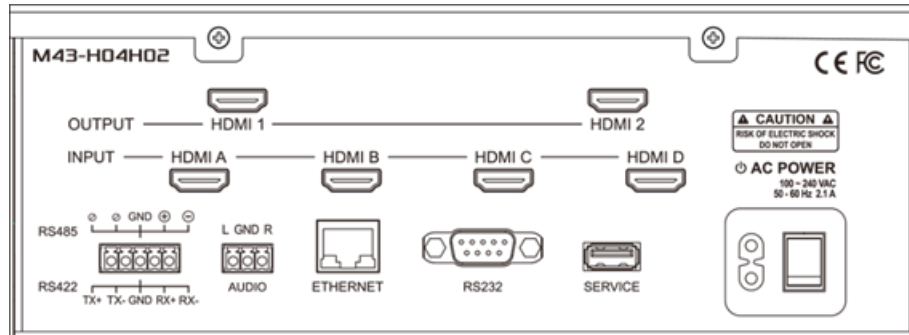
- Supports 4 of HDMI 2.0 4K@60 inputs and 2 of HDMI 2.0 4K@60 outputs as splitter
- Fast switching between input channels and combined multiple source images
- Upscaling up to 4K60Hz, 4:4:4 color sampling and able to down scale
- Dual display mode including portrait multiview and landscape multiview
- Supports input resolution and output resolution up to 4K@60Hz 4:4:4 color sampling for each port
- Supports PiP, PoP, and customized window layout configuration
- Full HDCP1.4/2.2 support for input signals and output connections
- HDMI digital audio and HDMI audio de-embedding to analog stereo audio for output
- Control by web UI, RS232, RS422, and RS485
- Firmware upgradable via USB port
- Built-in power supply

MODEL NO.	M43-H04H02	
INPUT INTERFACE	4 x HDMI 2.0 type A	
INPUT RESOLUTION	640 x 480p@60, 1280 x 720p@60, 1920 x 1080p@60 3840 x 2160p@30, 3840 x 2160p@60	
OUTPUT INTERFACE	2 x HDMI 2.0 type A	
	terminal block 3 pole, stereo	
OUTPUT RESOLUTION	Portrait mode: 720 x 1280p@30, 720 x 1280p@60, 1200 x 1600p@60, 1080 x 1920p@30, 1080 x 1920p@50, 1080 x 1920p@60, 1200 x 1920p@60, 2048 x 2048p@57, 2160 x 3840p@30, 2160 x 3840p@50, 2160 x 3840p@60, 2160 x 4096p@50, 2160 x 4096p@60	
	Landscape mode: 1280 x 720p@30, 1280 x 720p@60, 1600 x 1200p@60, 1920 x 1080p@30, 1920 x 1080p@50, 1920 x 1080p@60, 1920 x 1200p@60, 2048 x 2048p@57, 3840 x 2160p@30, 3840 x 2160p@50, 3840 x 2160p@60, 4096 x 2160p@50, 4096 x 2160p@60	
OUTPUT COLOR FORMAT	4:4:4, 24 bpp	
HDMI COMPLIANCE	HDMI 1.4 and HDMI 2.0	
BANDWIDTH	18 Gbps	
HDCP COMPLIANCE	HDCP 1.4 and HDCP 2.2	
CONTROL METHODS	RS232	1 x D9 female connector
	RS485 / RS422	5-pole terminal block
	Ethernet	1 x RJ45
FIRMWARE UPGRADE	USB 2.0	
POWER	Power Supply	Built-in power module 100-240ACV (50/60 HZ)
	Power Consumption	32 W
	Redundant Power Supply	no
ENVIRONMENT	Operating Temperature	0°C ~ 40°C
	Operating Humidity	0% ~ 80% RH
	Storage Temperature	-20°C ~ 60°C
DIMENSION	240 x 371 x 88 mm (L x W x H)	
WEIGHT	3.9 KG	

- FRONT PANEL -



- REAR PANEL -

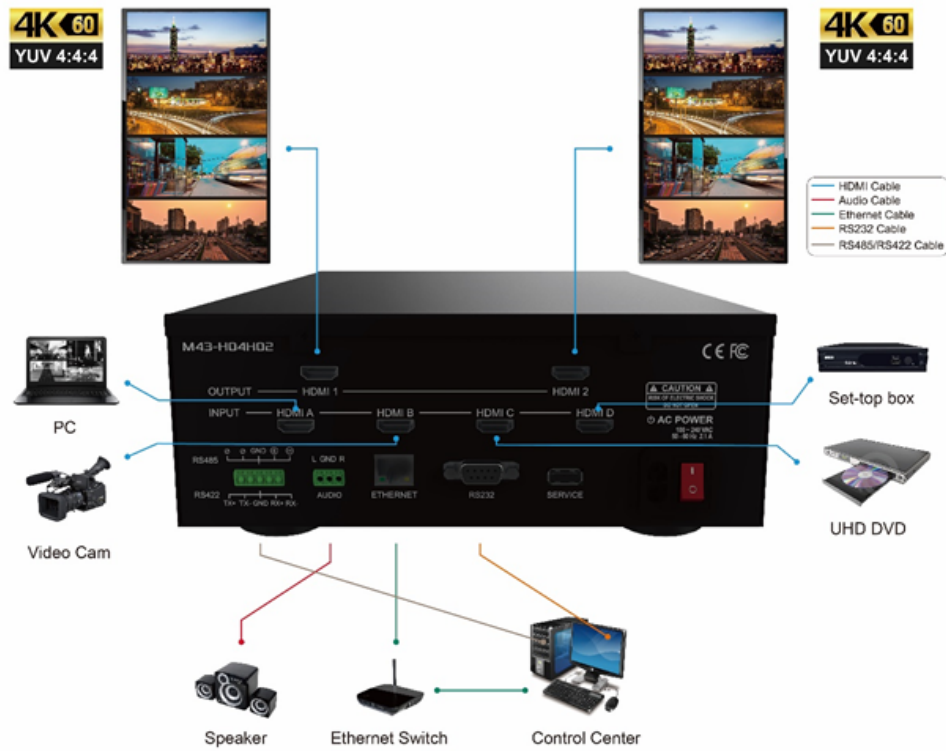


APPLICATION

- Hospitality in lobby, hospital, clinic
- Conference room presentation
- Advertising in shopping mall, supermarket and restaurant
- Broadcast in airport, bus or train station, classroom
- Rental and staging
- Monitoring in control room, bank and stock market
- Simple digital signage in chain store such as show room, gambling shop, bar & casino



CONNECTION DIAGRAM - PORTRAIT MODE (VERTICAL DISPLAY)



DISPLAY MODE

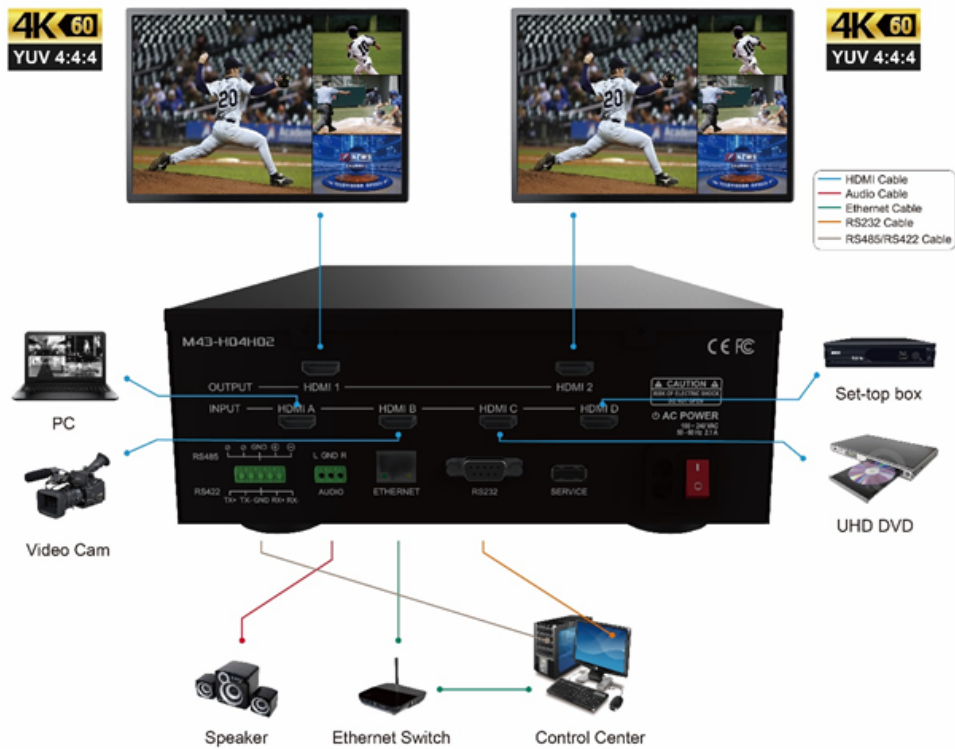
PIP POP



PRE-DEFINED LAYOUT



CONNECTION DIAGRAM - LANDSCAPE MODE (HORIZONTAL DISPLAY)



DISPLAY MODE

PIP POP



PRE-DEFINED LAYOUT



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.

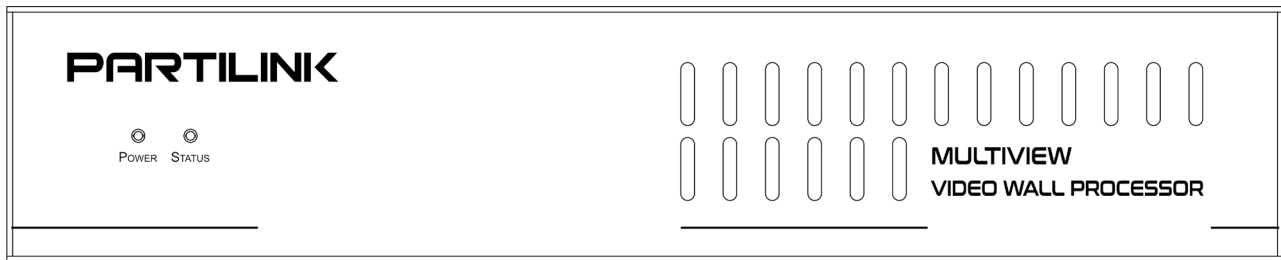
FEATURES

- 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

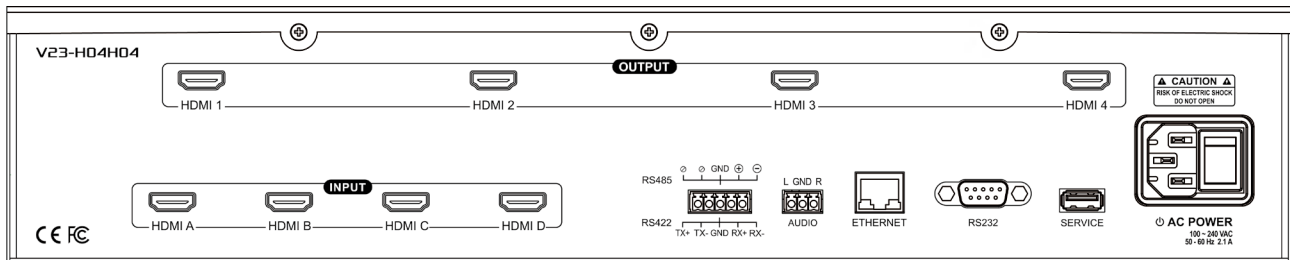
SPECIFICATION

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	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

1 Video Wall Mode

HDMI 1

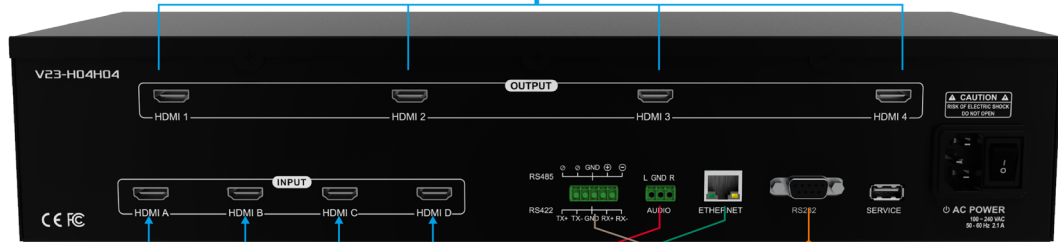
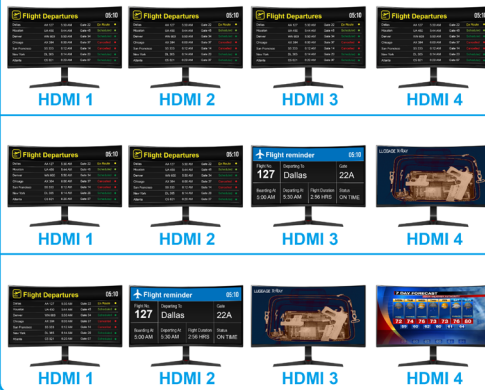
HDMI 2



HDMI 3

HDMI 4

2 Matrix Mode



Video camera



Camcorder



Blu-ray Disk



Laptop



Speaker



Ethernet Switch

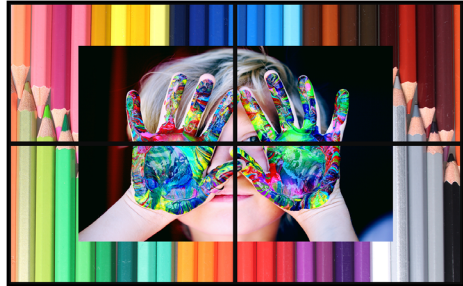


Control Center

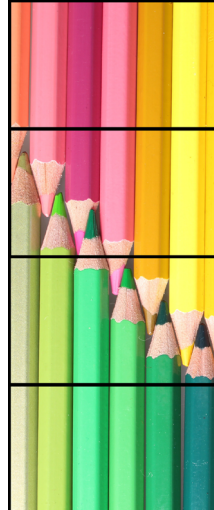
- HDMI Cable
- Audio Cable
- Ethernet Cable
- RS232 Cable
- RS485/RS422 Cable

DISPLAY MODE

PIP POP



VIDEO WALL 4X1



VIDEO WALL 1X4



CROSS SCREEN



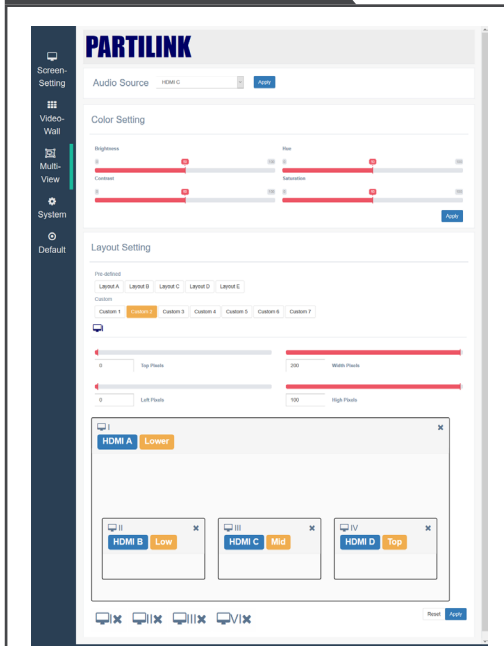
MARTIX



FRAME SYNCHRONIZATION

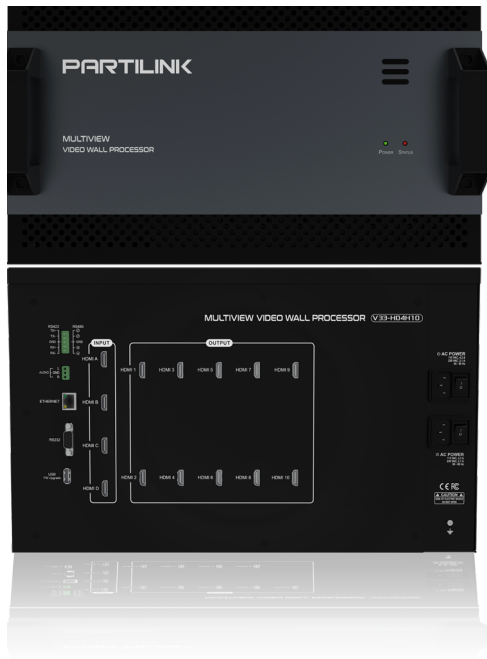


WEB UI



V33-H04H10 / V43-H04H16

HDMI 2.0 MULTIVIEW VIDEO WALL PROCESSOR (4 in, 10 out / 4 in, 16 out)



- V33-H04H10 -



- V43-H04H16 -

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.

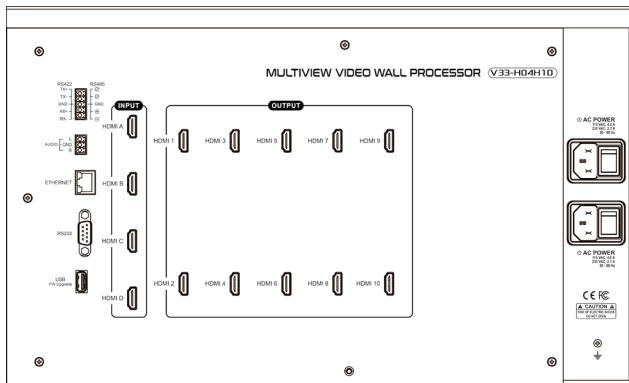
FEATURES

- 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

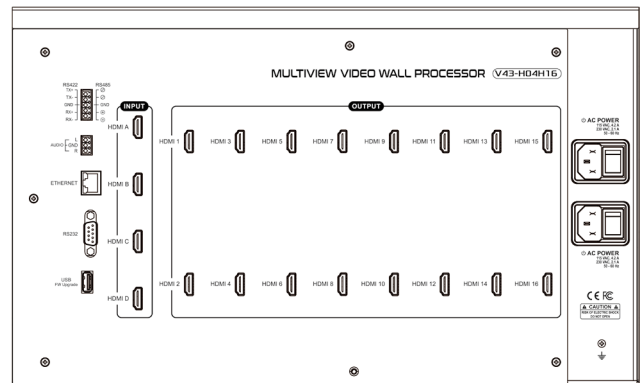
SPECIFICATION

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	

- V33-H04H10 -



- V43-H04H16 -

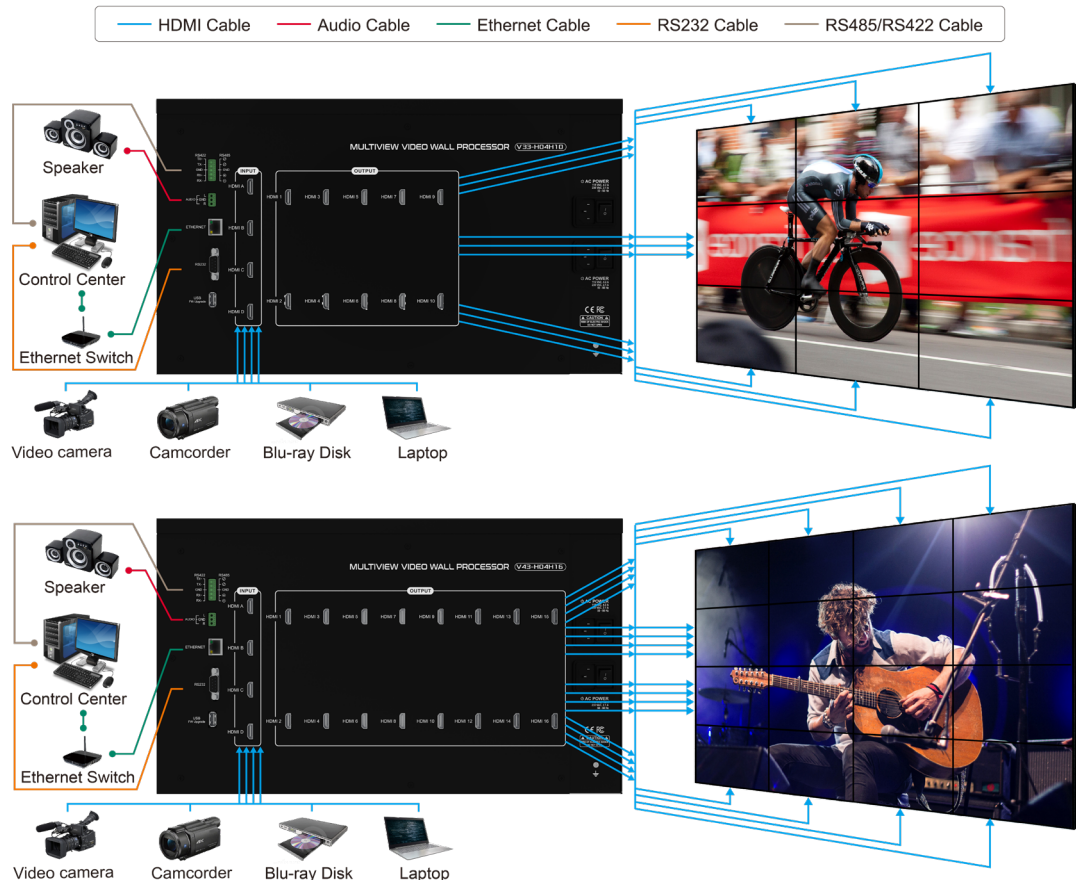


APPLICATION

- 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



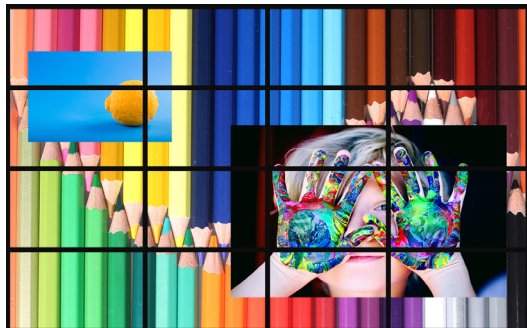
DISPLAY MODE

VIDEO WALL 10X1

PIP POP



CROSS SCREEN



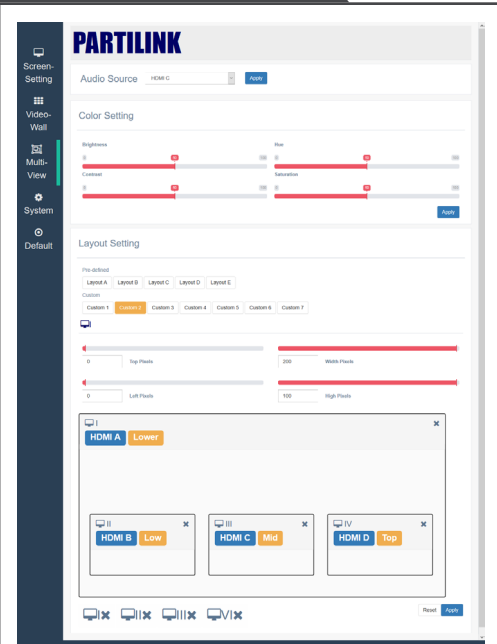
VIDEO WALL 1X10





FRAME SYNCHRONIZATION



WEB UI



MODEL NO.	VP-QV41	VP-QV41H
DESCRIPTION	HDMI 2.0, VGA, DP Multiview Video Processor	HDMI 2.0 Multiview Video Processor
INPUT	HDMI x 4, VGA x 1, DP x 1	HDMI x 4
OUTPUT	HDMI x 1, DP 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
PHOTO		
DISPLAY FEATURE	PiP, PoP (multiview mode), full screen mode on one screen	
		
		
OPTION FOR ACCESSORIES	P4K2-H1D2: 4K60Hz HDMI 2.0 to DP 1.2 converter	HRD-11: HDMI 2.0 booster dongle
	P4K2-HD: 4K30Hz HDMI 2.0 to DP converter	
	HRD-11: HDMI 2.0 booster dongle	

MODEL NO.	VP-KM41	V43-H04H02
DESCRIPTION	HDMI 2.0 & USB Quadview KVM Processor	HDMI 2.0 Multiview Video Processor Duo Output
INPUT	HDMI x 4, USB x 4	HDMI x 4
OUTPUT	HDMI x 1	HDMI x 2
LIMITATION IN QUAD VIEW MODE & TECH INFORMATION	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 on 2 monitors simultaneously when display
PHOTO		
DISPLAY FEATURE	full screen and quadview mode on one screen	portrait and landscape PIP, POP (multiview mode), full screen mode on 2 screens as splitter
	 	 
OPTION FOR ACCESSORIES	HRD-11: HDMI 2.0 booster dongle	a) P4K2-H1D2: 4K60Hz HDMI 2.0 to DP 1.2 converter (when required for DP display for medical applicaiton solution) b) P4K2-HD: 4K30Hz HDMI 2.0 to DP converter (when required for DP display for medical applicaiton solution) c) 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
		
<div>     </div> <div> <div>flip</div> <div>Rotate L90°</div> <div>Rotate R90°</div> </div>		
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 MATRIX 8x8 SWITCH



OVERVIEW

The X13-H08H08 HDMI 2.0 8x8 matrix is an 8-port HDMI input and 8-port HDMI output switcher with audio extractor and ARC. It allows to select and switch among any of the 8 HDMI sources plus multi-channel (up to 7.1-channel) audio to display on any of the 8 HDMI displays simultaneously. It can be controlled via the front button, IR remote control, RS232, IP, web UI and cloud. Its powerful EDID management provides user a reliable AV distribution and routing solution.

The X13-H08H08 supports HDR and the true 4K2K video! Meanwhile, this device supports the separation of high quality digital S/PDIF (RCA) audio from the incoming HDMI signal without losing any active audio channels from audio bit-stream.

With the upmost HDR/4K2K@60 4:4:4 8bits and high definition audio support, X13-H08H08 is well suited for use in control room, conference room presentation systems, home theater or other similar setting or application.

FEATURES

- HDMI 2.0a compliant
- Supports 4K2K@60 4:4:4 8bits
- Supports HDR*, which is 4K2K@60 4:2:0 10bits
- HDCP 2.2 compliant
- Allows any source to be displayed on multiple displays at the same time
- Allows any HDMI display to view any HDMI source at any time
- Supports 7.1 channel audio
- Supports ARC & Audio Extraction via RCA
- S/PDIF(RCA) audio Format: PCM2, Dolby 5.1, DTS 5.1
- Supports default HDMI EDID and learns the EDID of displays to matrix switcher
- The matrix switcher can switch every output channels from any HDMI inputs by Push button, IR remote control, RS-232, Web Interface, cloud control
- Easy installation with rack-mounting
- Fast response time – 3-4 seconds for channel switch

SPECIFICATION

MODEL NO.	X13-H08H08	
INPUT/OUTPUT	Inputs	8 x HDMI Type A [19-pin female]
		1 x RS232 [9-pin D-sub female]
		1 x LAN [RJ45, Control]
		1 x IR socket for receiver
	Outputs	8 x HDMI Type A
		8 x RCA
IMAGE PROCESSING	HDMI Compliance	HDMI 2.0
	HDCP Compliance	HDCP 1.4, HDCP 2.2
	Video Bandwidth	18 Gbps [Single-link 594MHz]
	Video Resolution	HDR 4K2K@60Hz / 4K2K@60
	Color Depth & Color Space	HDR 4K2K@60 4:2:0 10bits/ 4K2K@60 4:4:4 8bits
EDS PROTECTION	Human body model — 315kV [air-gap discharge] & 38kV [contact discharge]	
CONTROL METHOD	push button	
	IR remote control	
	RS-232	
	web-UI	
	cloud control	
AUDIO	sound support up to 7.1 channel or stereo digital audio	
POWER	Power Supply	DC12V7.5A
	Power Consumption	55 Watts [max]
ENVIRONMENT	Operation Temperature	0-40°C [32-104°F]
	Operation Humidity	20-90% RH [no condensation]
	Storage Temperature	-20-60°C [-4-140°F]
PHYSICAL	Housing	metal enclosure
	Dimension	440 x 234 x 44 mm/ 1'4" x 9.2" x 1.7" (LxWxH)
	Weight	2.64 KG/ 93.3 oz

- FRONT PANEL -



- REAR PANEL -

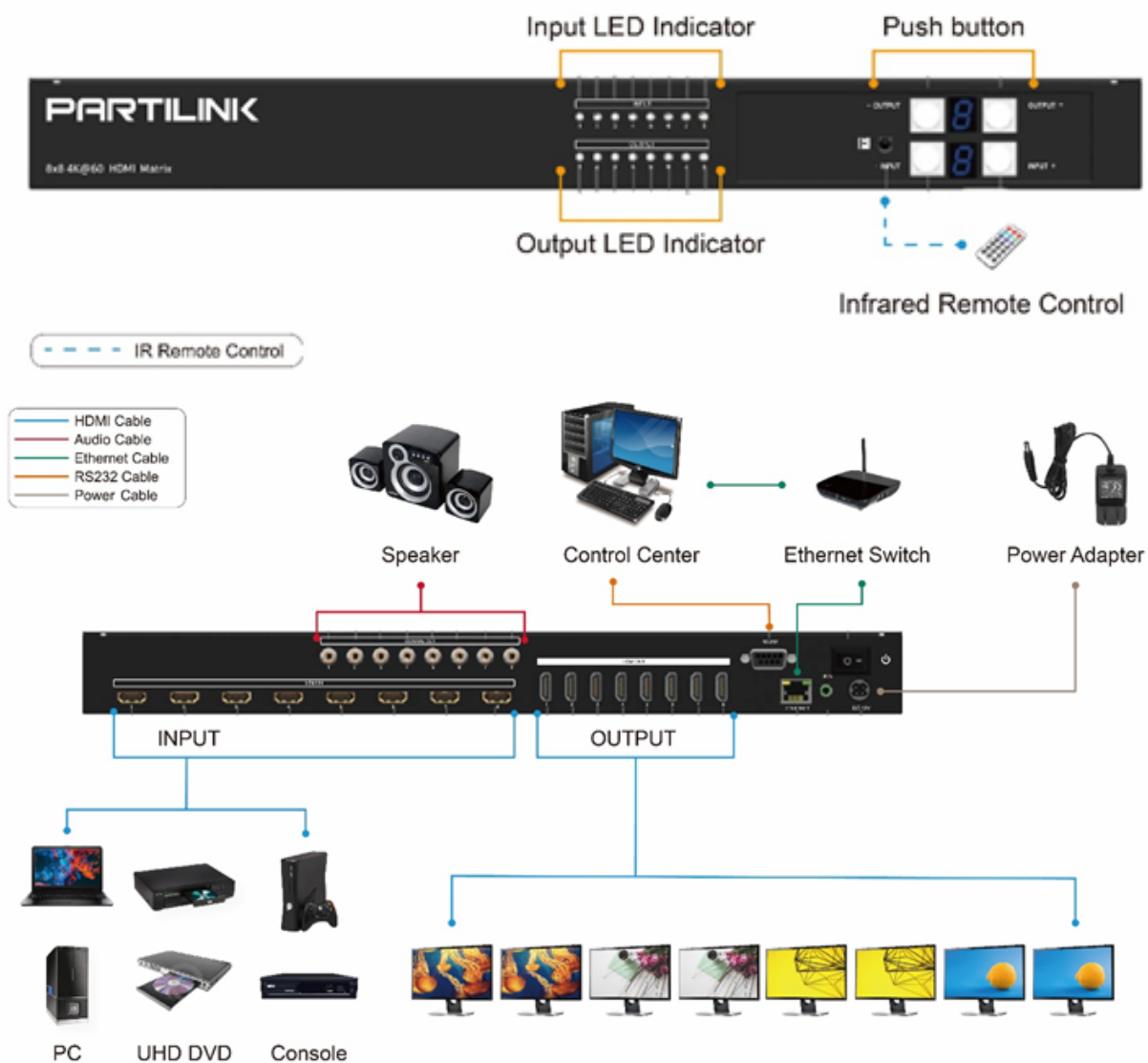


APPLICATION

- As the central component of an AV system
- Conference room presentation system
- Digital signage system



CONNECTION DIAGRAM

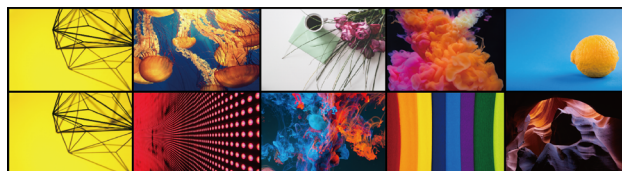


DISPLAY MODE

MODE1



MODE2



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) 720p (60Hz, 50Hz)	1080p (30Hz, 25Hz) 480i (60Hz, 50Hz)	1080i (60Hz, 50Hz) 480p (60Hz, 50Hz)
HDMI OUTPUT RESOLUTION	1080p (60Hz, 50Hz) 720p (60Hz, 50Hz)	1080p (30Hz, 25Hz) 480i (60Hz, 50Hz)	1080i (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 ± 8 KV, contact discharged ± 4 KV		
DIMENSION	130 x 82 x 30.25 mm (L x W x H)		
WEIGHT	290 G per transmitter or receiver unit		

- TRANSMITTER -

- RECEIVER -

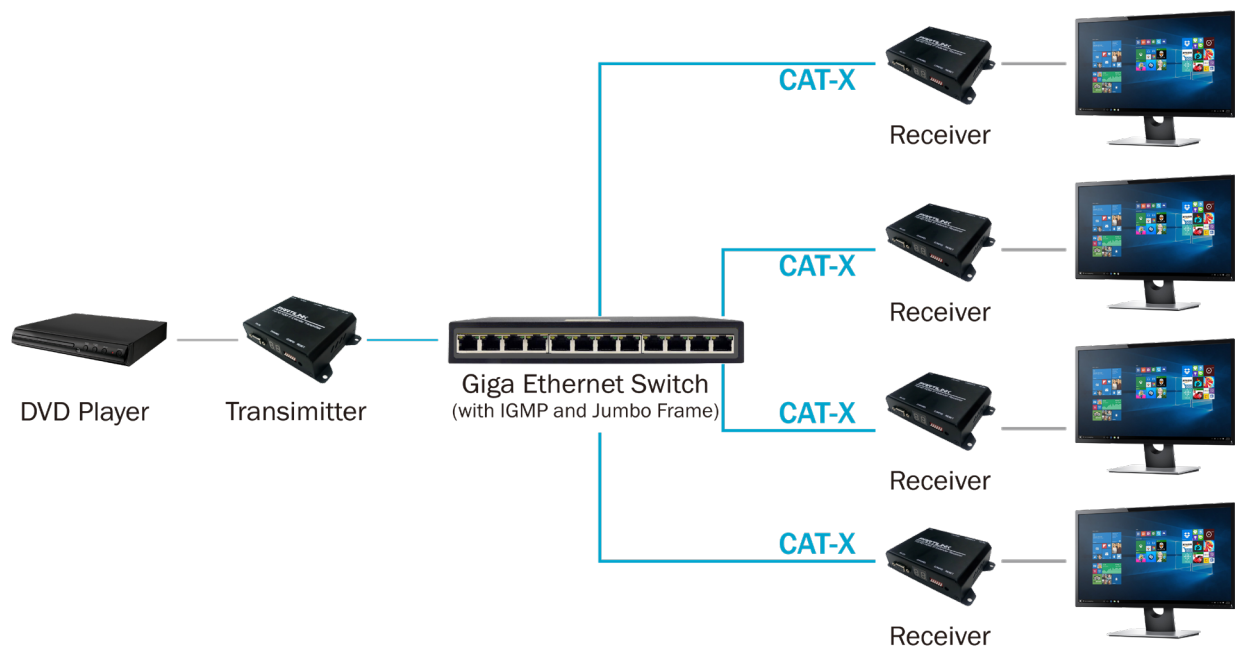

APPLICATION

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

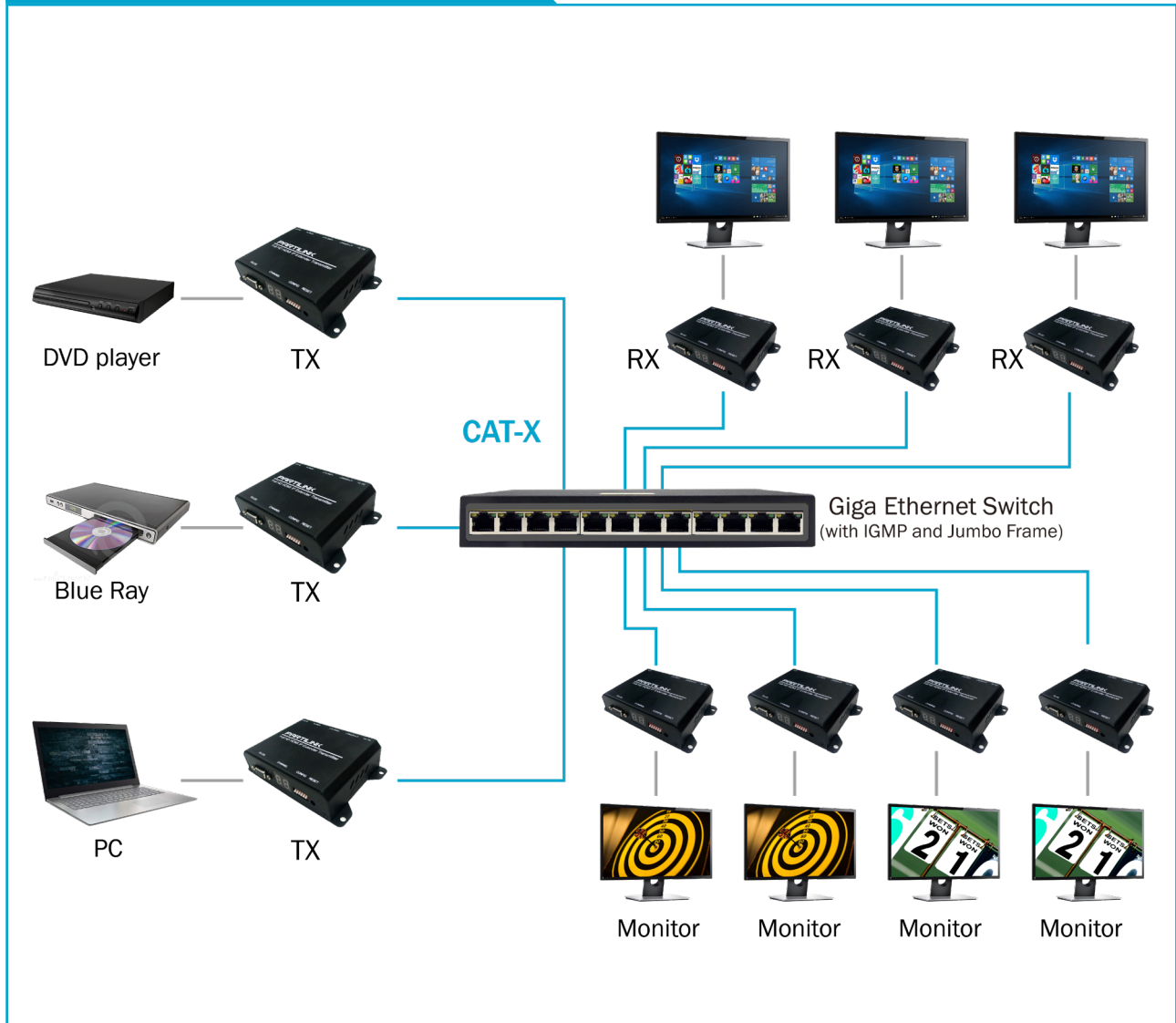
UNICAST



MULTICAST - VIDEO DISTRIBUTION



MULTICAST - MATRIX DISTRIBUTION



P4K-HRSL4E1 / P2K-LHRS1E4 P4K-HRSL4E1-P / P4K-LHRS1E4-P (PoE) 4K UHD HDMI&USB EXTENDER OVER IP



- TRANSMITTER -



- RECEIVER -

OVERVIEW

The Partilink 4K UHD HDMI / USB over IP Extender is composed of transmitter and receiver to extend HDMI, USB, RS232, and IR over IP via CATx cable and Gigabite Ethernet switch. It can be applied for point to point uni-cat, point to multi-point or multi-point to multi-point multi-cast and video wall. Easy installation with networking Giga Ethernet switch and CAT-5e cable for building up the extension or broadcast system.

FEATURES

- 4K UHD HDMI over IP extension
- USB 2.0 over IP extension
- RS-232 bi-directional extension
- 4 bits DIP switch for 16 stream channel selection
- HDCP 1.4 compliant and Blu-Ray ready
- Two way IR extension
- Output video rotation
- Output video partial enlargement
- Automatic EDID configuration
- Networking environment under Giga Ethernet switch and CAT-5e cable
- Point to point extension, unicast, multicast and video wall system
- Point to point extension via CAT-5e cable without Ethernet switch up to 100 m
- Ethernet webpage management
- RS-232 serial control command management
- P4K-HRSL4E1-P / P4K-LHRS1E4-P supports power over Ethernet

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 DC12V/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 $\pm 8KV$, contact discharged $\pm 4KV$	
DIMENSION	191.6 x 112.8 x 26.85 mm (L x W x H)	
WEIGHT	450 G	

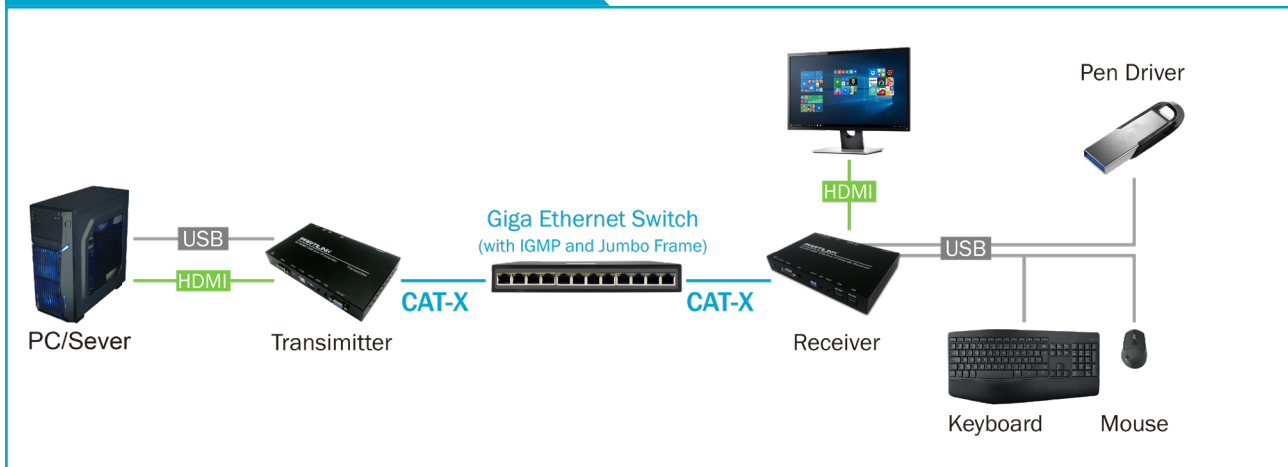
- TRANSMITTER -

- RECEIVER -

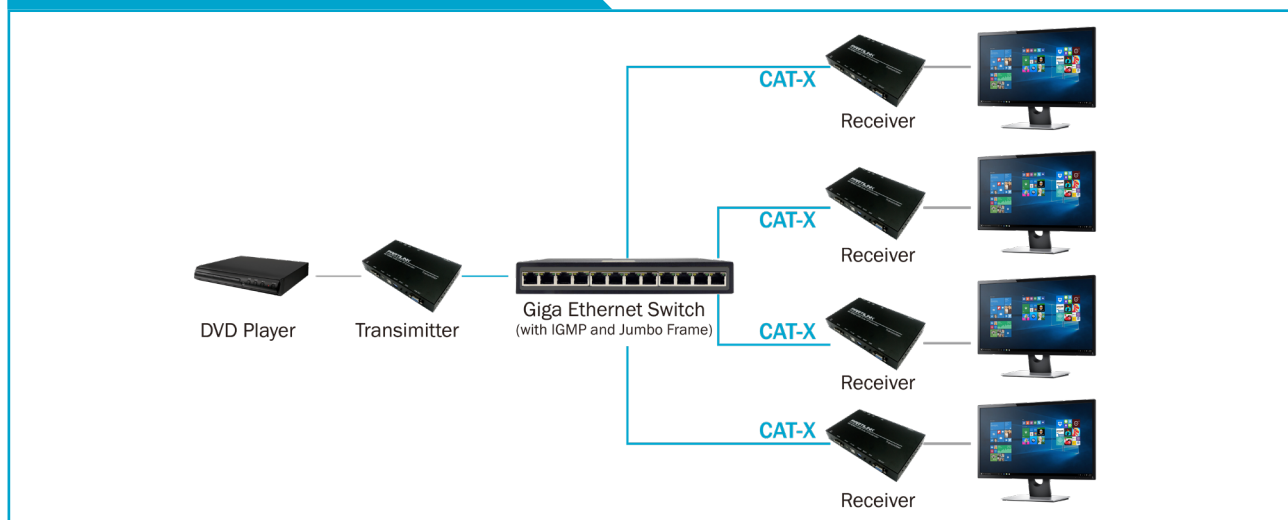

APPLICATION

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

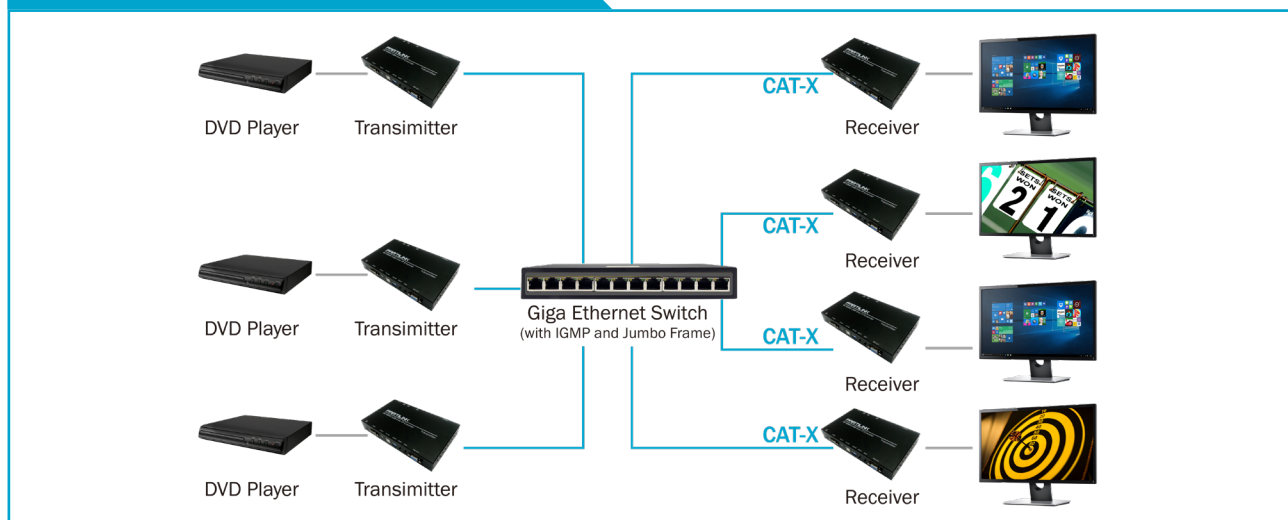
UNICAST



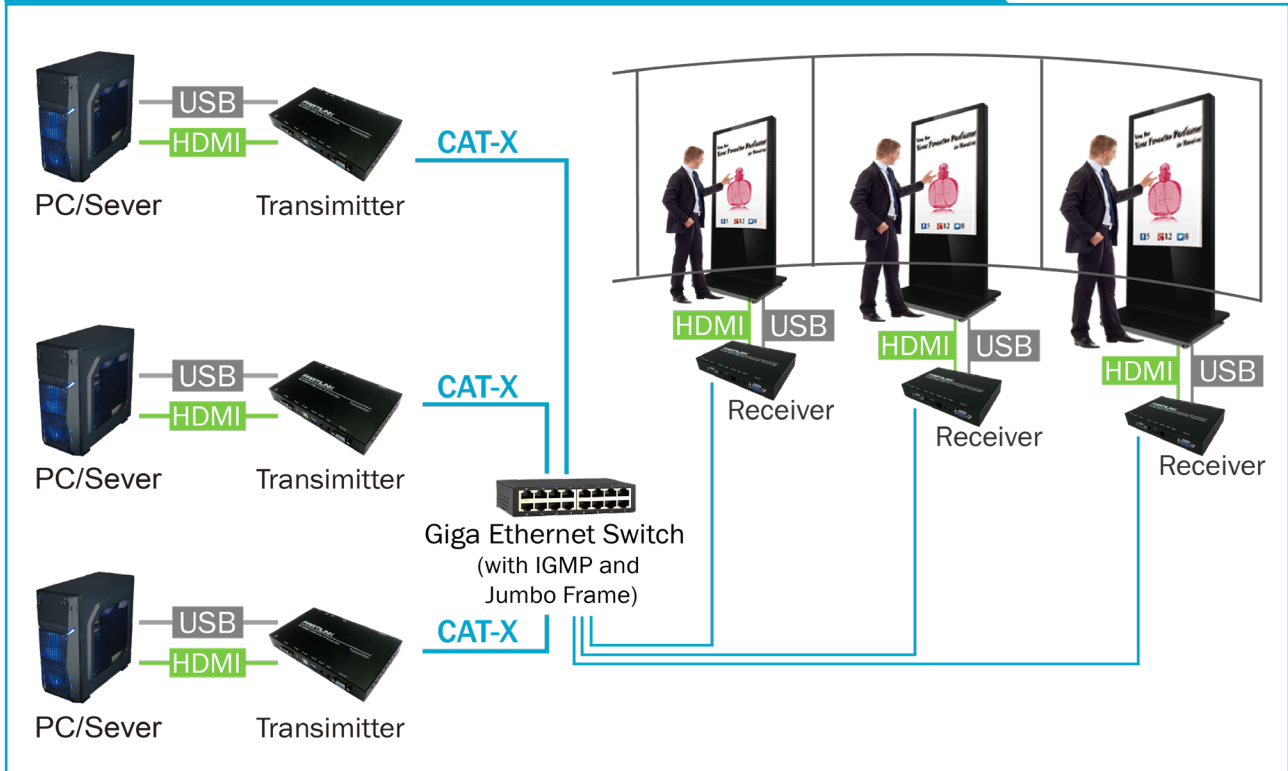
MULTICAST - VIDEO DISTRIBUTION



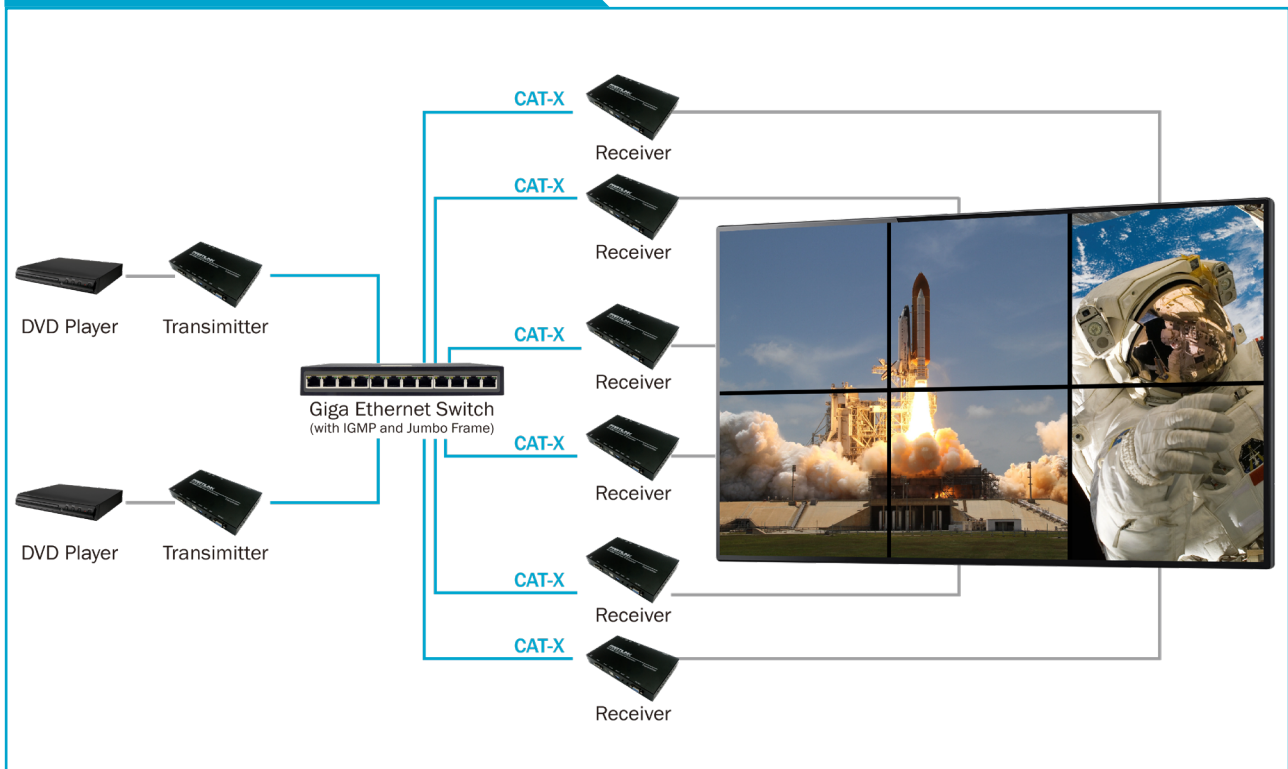
MULTICAST - MATRIX DISTRIBUTION



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



VIDEO WALL



P4K-HH1S2

HDMI 1.4 SPLITTER



OVERVIEW

P4K-HH1S2 is a HDMI 1.4 splitter to distribute one video image and audio to 2 displays. Its EDID parsing management feature provides the most effective and advanced HDMI splitter solution to avoid compatibility issue with various display models in the market. It is suitable for high quality HDMI broadcasting, digital signage and education applications.

FEATURES

- Supports Ultra HD video resolution up to 4K @30Hz display
- HDCP 1.4
- Wide frequency range: 25MHz ~ 600MHz
- EDID parsing
- Cascade up to 16 layers
- Supports display HDMI 2.0 YCbCr 420 format
- Supports 7.1 CH audio
- LED indicator for power and active status



SPECIFICATION

MODEL NO.	P4K-HH1S2
INPUT	HDMI x 1, Type-A female connector
OUTPUT	HDMI x 2, Type-A female connector
BANDWIDTH	3 Gbps
HDMI VERSION	HDMI 1.4 and 2.0 compliant
HDCP VERSION	HDCP 1.4
HDMI RESOLUTION	4K@60Hz (4:2:0) 4k@30Hz, 1080p@60Hz
AUDIO FORMAT	LPCM/Dolby~AC3/ DTS/Dolby True HD/DTS-HD master audio
FIRMWARE UPDATE	Micro USB port
ESD PROTECTION	Air-gap discharge 38KV, contact discharge 3 4KV
POWER SUPPLY	DC5V 1A, power jack 2.0mm
POWER CONSUMPTION	Maximum 10 Watts
ENVIRONMENT	Operating Temperature: 0°C ~ 55°C
	Storage Temperature: -20°C ~ 60°C
	Operating Humidity: 5% ~ 90% RH
DIMENSION	112 x 62 x 18 mm (L x W x H)
WEIGHT	170 G

P4K-HH1S2 CONNECTION DIAGRAM



S13-H01H04 / S13-H01H08

HDMI 2.0 SPLITTER



S13—H01H04



S13—H01H08

OVERVIEW

S13-H01H04 and S13-H01H08 are HDMI 2.0 splitter to distribute one video image and audio to 4 and 8 displays respectively. Its adjustable EDID management feature provides the most effective and advanced HDMI splitter solution to avoid compatibility issue with various display models in the market.

It's capable of upgrading the firmware via USB port for specific request in technical support. With the upmost HDR/4K@60Hz 4:4:4 8 bits and high definition audio support, Partilink HDMI 2.0 Splitter is suitable for high quality HDMI broadcasting, digital signage and education applications.

FEATURES

- Supports 4K @60Hz 4:4:4 8 bits
- HDCP 1.4 / 2.2
- Supports HDR, which is 4K@60Hz 4:2:0 10 bits
- Wide frequency range: 25MHz ~ 600MHz
- Video bandwidth 18 Gbps
- Supports resolution downscaling from 4K to 1080p
- EDID management including default EDID and EDID learning from display
- Supports xvYCC, x.v. Color & Deep Color
- Firmware upgradable via micro USB
- Supports Dolby Digital, DTS-HD and Dolby TrueHD audio

SPECIFICATION

MODEL NO.	S13-H01H04	S14-H01H08
INPUT	HDMI x 1, Type-A female connector	HDMI x 1, Type-A female connector
OUTPUT	HDMI x 4	HDMI x 8
BANDWIDTH	18 Gbps	
HDMI VERSION	HDMI 1.4 and 2.0 compliant	
HDCP VERSION	HDCP 1.4 / 2.2	
HDMI RESOLUTION	4K @60Hz (4:4:4 8 bits) HDR 4K@60Hz (4:2:0 10 bits)	
AUDIO FORMAT	LPCM/DTS/Dolby True HD/DTS-HD master audio	
FIRMWARE UPDATE	Micro USB port	
ESD PROTECTION	Human body model -3 15KV (air-gap discharge), 3 8KV (contact discharge)	
POWER SUPPLY	DC5V 2A	
POWER CONSUMPTION	Maximum 10 Watts	
ENVIRONMENT	Operating Temperature: 0°C ~ 40°C	
	Operating Humidity: -20% ~ 60%	
	Operating Humidity: 20% ~ 90% RH	
DIMENSION	112 x 62 x 18 mm (L x W x H)	232 x 68 x 23 mm (L x W x H)
WEIGHT	170 G	435 G

**S13-H01H04
4PORTS**

**S14-H01H08
8PORTS**

S13-H01H04 CONNECTION DIAGRAM

S13-H01H08 CONNECTION DIAGRAM


HR-11

HDMI 2.0 REPEATER BOX (Booster)



OVERVIEW

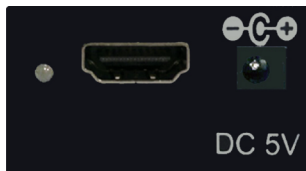
The Partilink HR-11 repeater box is a booster to regenerate the HDMI 2.0 signal for extension distance up to 20 m. Just connect the repeater between HDMI source and HDMI display such as monitor or projector. The maximum distance from the repeater to display can be up to 20 m. It's also capable to cascade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

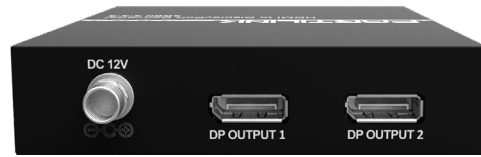
SPECIFICATION

MODEL NO.	P4K2-H1D2	
INPUT	1 x HDMI Type A female , HDCP 1.4/2.2	
MAX INPUT RESOLUTION	3840 x 2160p 4096 x 2160p @60Hz YUV 4:4:4	
OUTPUT	2 x DisplayPort female , HDCP 1.3	
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 -

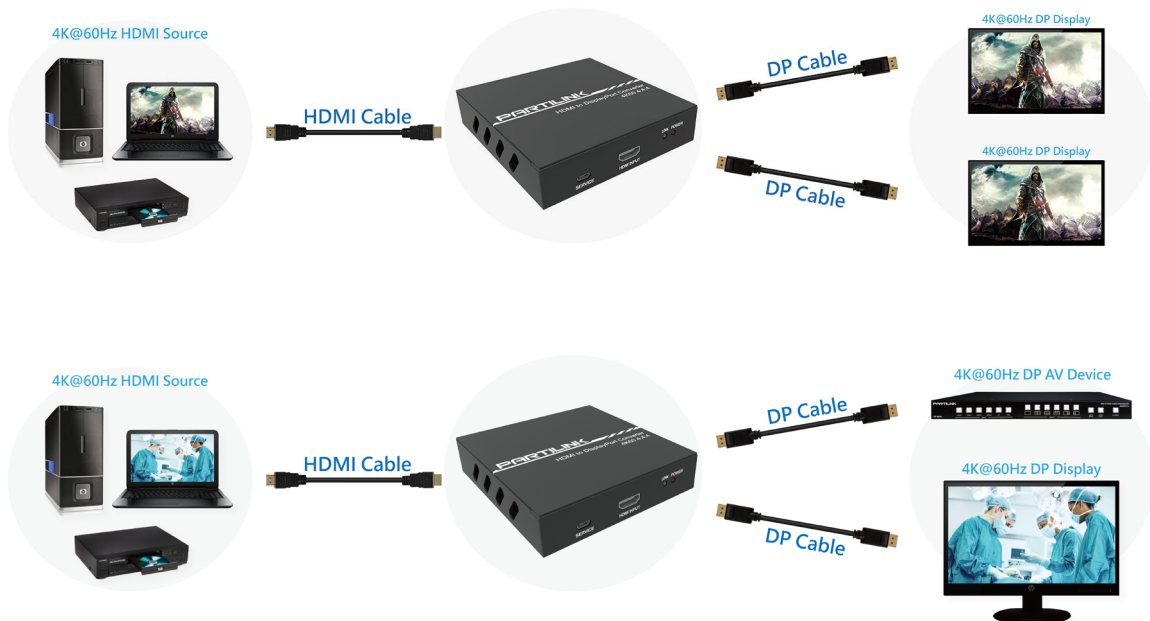


- REAR PANEL -

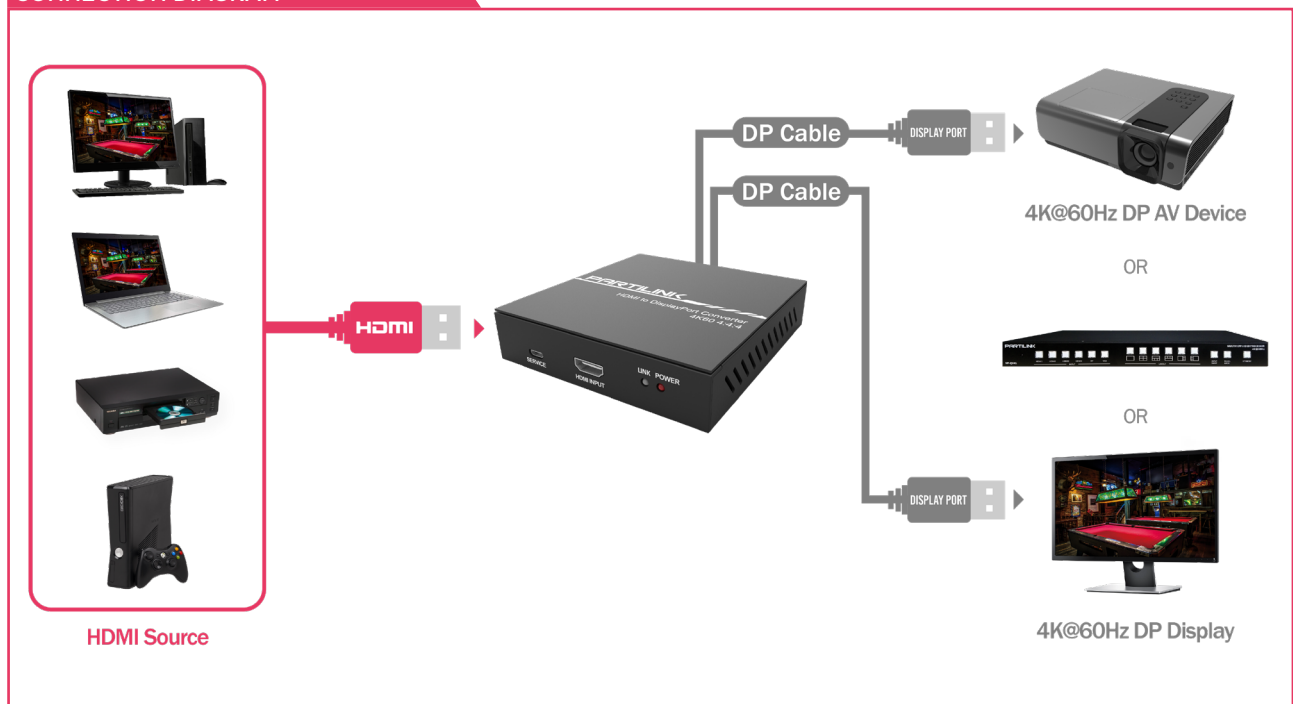


APPLICATION

- 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	0°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.

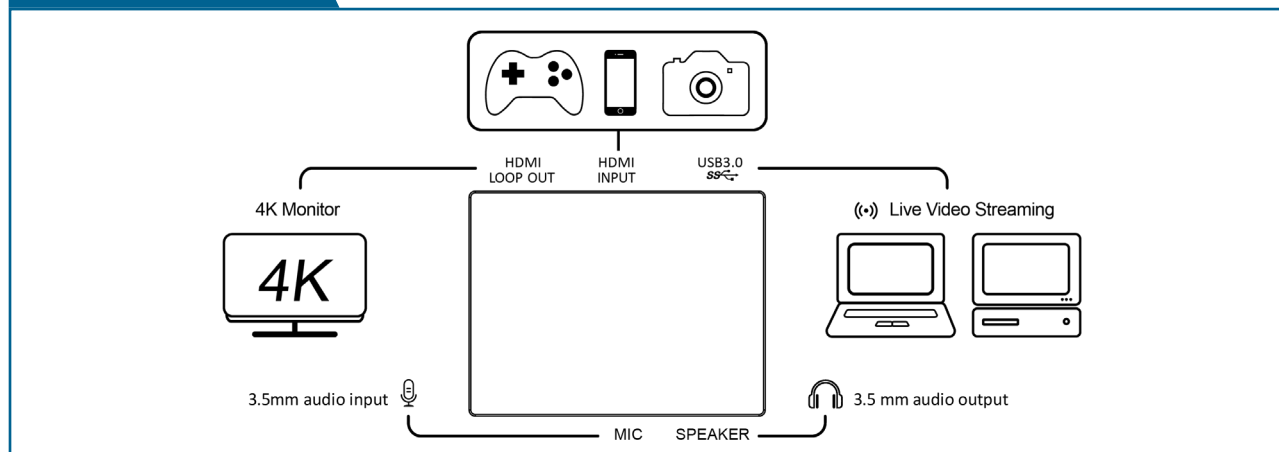
FEATURES

- 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) 640 x 480p (60Hz)	
	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



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		

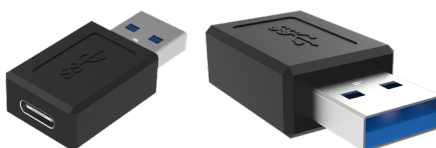
- INPUT INTERFACE -



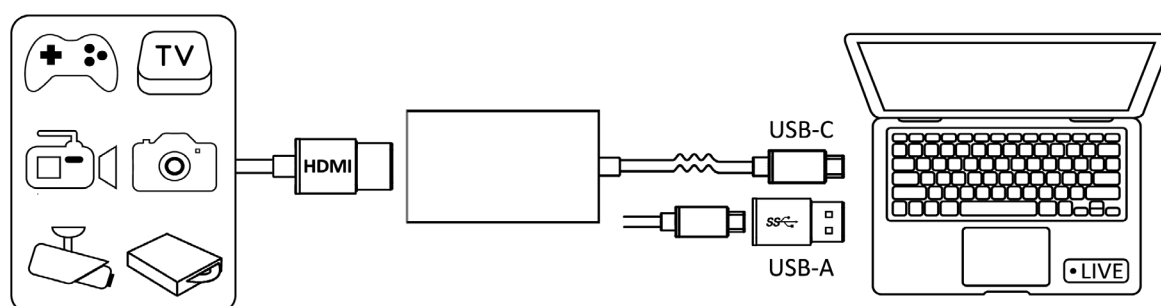
- OUTPUT INTERFACE -



- USB-C TO USB-A 3.0 ADAPTER -



CONNECTION DIAGRAM



GRA-H01C01

HDMI 2.0 TO USB-C 4K CAPTURE



OVERVIEW

Partilink 4K Capture is a dongle designed to capture 4K@60Hz HDMI video/ audio source and uplink 4K@30Hz video/audio data to the connected computer through USB-C for filing, editing and streaming the video simultaneously in various media platform.

It's easy to apply for capturing HDMI signal from Camera, PS4, XBOX, Switch and other AV devices and stream captured HDMI audio/video through PC/NB with USB-C and integrate with other media for application in video conference, YouTube video upload, gaming and any purposed video filing and editing.

FEATURES

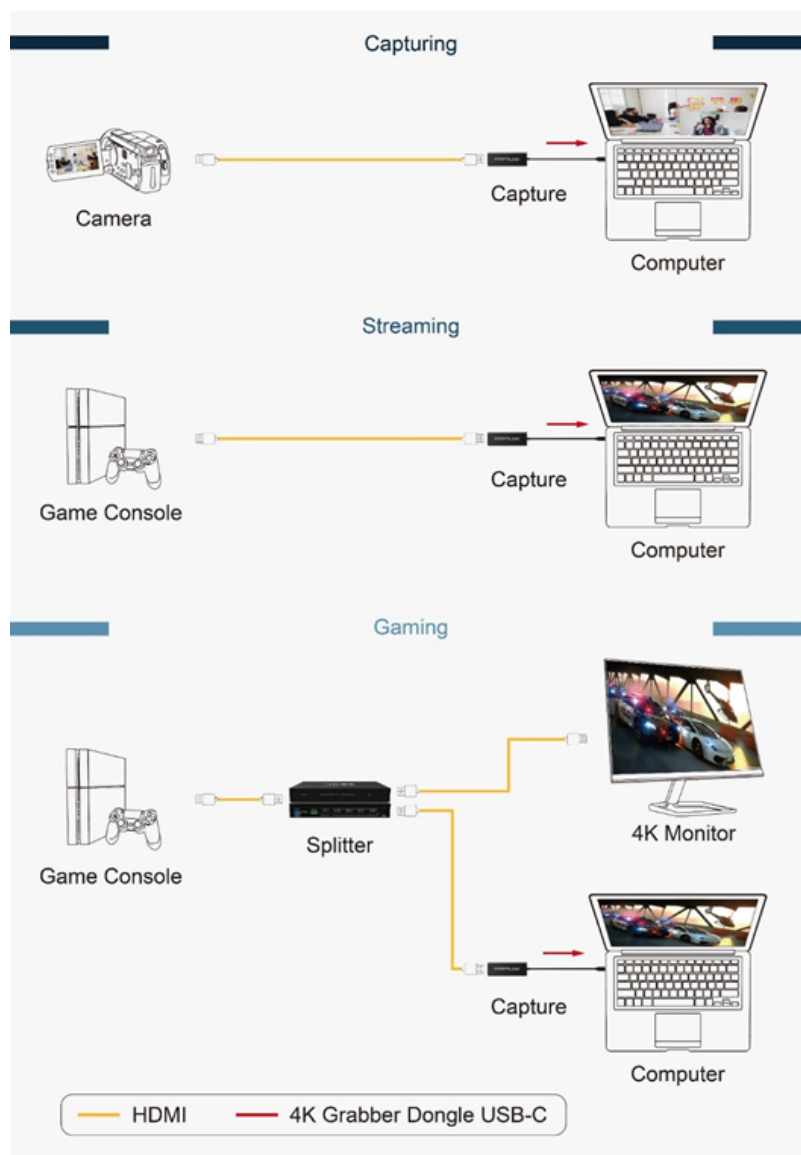
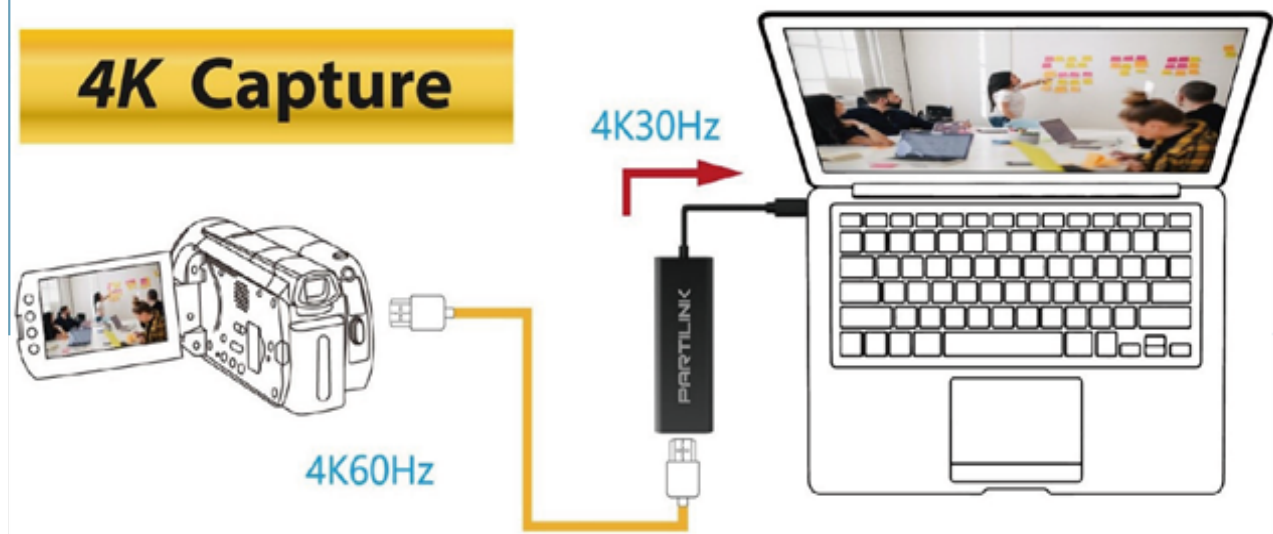
- Capturing and streaming
- Supports HDMI 2.0 standard up to 3840 x 2160@60Hz input
- USB 3.1 Gen1 with Type-C connector
- Supports video capture at 3840x 2160@30Hz output
- Supports RGB 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
- Supports UVC 1.0
- Compatible with third-party application such as QuickTime, OBS, XSplit, vMix, Gamecaster and Broadcaster
- Works with gaming PC, Xbox, One/S, Playstation 4/ Pro....etc.
- Supports HDR input
- Plug & Play (no driver needed for Win 8 and above version)

SPECIFICATION

MODEL NO.	GRA-H01C01				
INPUT INTERFACE	1 x HDMI 2.0 type A				
INPUT RESOLUTION	3840x2160p 60/50/30/25/24Hz 16:9 1920x1080p 120/60/50/30/25/24Hz 16:9 1920x1080i 60/50Hz 16:9 2560x1440p 60Hz 16:9 1280x720p 60/50Hz 16:9 720x576p 50Hz 16:9 720x576p 50Hz 4:3 720x480p 60Hz 16:9 720x480p 60Hz 4:3 640x480p 60Hz 4:3 720(1440)x576i 50Hz 16:9 720(1440)x576i 50Hz 4:3 720(1440)x480i 60Hz 16:9 720(1440)x480i 60Hz 4:3				
OUTPUT INTERFACE	1 x USB Type C (SuperSpeed) UVC				
OUTPUT RESOLUTION	USB3.0 SuperSpeed	NV12	YUY2		
		3840x2160p 30 Hz	2560x1440p 50 Hz		
		2560x1440p 60 Hz	1920x1080p		
		1920x1080p 120/60/50/30/25 Hz	60/50/30/25 Hz		
		1280x720p 60 Hz	1280x720p 60 Hz		
		720x480p 60 Hz	720x480p 60 Hz		
		720x576p 50 Hz	720x576p 50 Hz		
	640x480p 60 Hz	640x480p 60 Hz			
	USB2.0 Hi-Speed	1280x720p 30 Hz	720x576p 50 Hz		
		720x576p 50 Hz	720x480p 60 Hz		
720x480p 60 Hz		640x480p 60 Hz			
640x480p 60 Hz					
COLOR SAMPLING	RGB, YUV (YCbCr444, YCbCr422, YCbCr420)				
VIDEO FORMAT	NV12 , YUY2				
UAC AUDIO OUTPUT	Stereo / 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), MacOS (10.13 and above)		
ENVIRONMENT	Operating Temperature		0°C ~ 45°C		
	Operating Humidity		20% ~ 90%		
DIMENSION	42 x 352 x 13.5 mm (W x L x H including cable length)				
WEIGHT	60 G				
*DOES NOT CAPTURE HDCP CONTENT (ex: DVD, BlueRay player)					

APPLICATION

- Gaming: capturing to edit the file for storage on the connected computer, or live steaming to display in various media platform such as YouTube, FB, Instagram ...etc.
- Business: video conference, live streaming to promote product and demonstrate product
- Education: remote teaching and training



GRA-HU2HU3

HDMI 2.0 TO 4K@30HZ USB-C



OVERVIEW

Partilink GRA-HU2HU3, HDMI 2.0 to 4K@30Hz USB-C Capture Pro, is designed to capture 4K@60Hz HDMI video then uplink 4K@30Hz data to the connected computer via USB-C. It allows the user to capture video from HDMI sources such as PS4, XBOX, Switch, camera ... etc. for filing, re-editing and streaming on connected PC, laptop and tablet.

With this tool, streaming media is made easy to capture every sound and movement beautifully. This is a professional level capture tool for gamer or YouTuber to realize the captured video professionally in front of the audiences.

FEATURES

- HDMI 2.0 input supports 4K@60Hz and HDR
- HDMI 2.0 loop-out port supports 4K@60Hz and HDR
- Video captures resolution up to 3840x2160@30Hz or 1920x1080@120Hz
- Supports deep color (36-bit color)
- Supports USB 3.1 Type-C Gen1
- Supports UVC 1.0
- Supports audio LINE-IN
- Supports AUDIO headset (TRRS only)
- Supports USB port power supply, no external power supply required
- Compatible with third-party applications, such as QuickTime, OBS, XSplit, vMix, Zoom, Skype, Gamecaster, Broadcaster...etc.

SPECIFICATION

MODEL NO.	GRA-HU2HU3			
INPUT INTERFACE	HDMI 2.0 Type-A x 1			
OUTPUT INTERFACE	USB Type-C (SuperSpeed) UVC x 1, HDMI 2.0 Type-A x 1			
INPUT/ OUTPUT (LOOPOUT) RESOLUTION	3840x2160p 60/50/30/25/24Hz 2560x1440p 144/60Hz 1920x1080p 240/ 144/120/60/50/30/25/24Hz 1920x1080i 60/50Hz 1280x720p 60/50Hz 720x576p 50Hz 720x480p 60Hz 720(1440)x576i 50Hz 720(1440)x480i 60Hz 640x480p 60Hz			
CAPTURE RESOLUTION	USB3.0 SuperSpeed	NV12		YUY2
		3840x2160p 30 Hz 2560x1440p 60 Hz 1920x1080p 120/60/50/30/25 Hz 1280x720p 60 Hz 720x480p 60 Hz 720x576p 50 Hz 640x480p 60 Hz		2560x1440p 50 Hz 1920x1080p 60/50/30/25 Hz 1280x720p 60 Hz 720x480p 60 Hz 720x576p 50 Hz 640x480p 60 Hz
		1280x720p 30 Hz 720x576p 50 Hz 720x480p 60 Hz 640x480p 60 Hz		1280x720p 30 Hz 720x576p 50 Hz 720x480p 60 Hz 640x480p 60 Hz
COLOR SAMPLING	RGB, YUV (YCbCr444, YCbCr422, YCbCr420)			
VIDEO FORMAT	NV12 , YUY2			
UAC AUDIO OUTPUT	Stereo / 16-bit PCM encoded audio at 48KHz sampling rates			
AUDIO INTERFACE	3.5mm Headset (TRRS only) LINE-IN: 3.5 mm input			
SYSTEM REQUIREMENTS	CPU		i5 Dual Core 2.8GHz or higher	
	RAM		4GB or higher	
	OS		Windows 8 and above	
ENVIRONMENT	Operating Temperature		0°C~ 45°C	
	Operating Humidity		20% ~ 90%	
DIMENSION	106 x 106.4 x 21m (W x L x H including rubber pad)			
WEIGHT	235 G			
ACCESSORIES	USB-C to USB-A Cable x 1, USB-C to USB-C Cable x 1, Power Adapter x 1			

APPLICATION

- Gaming: capturing to edit the file for storage on the connected PC, or live steaming to display in various media platform such as YouTube, FB, Instagram ...etc.
- Business: video conference, live streaming to promote and demonstrate product
- Education: remote teaching and training

DIAGRAM

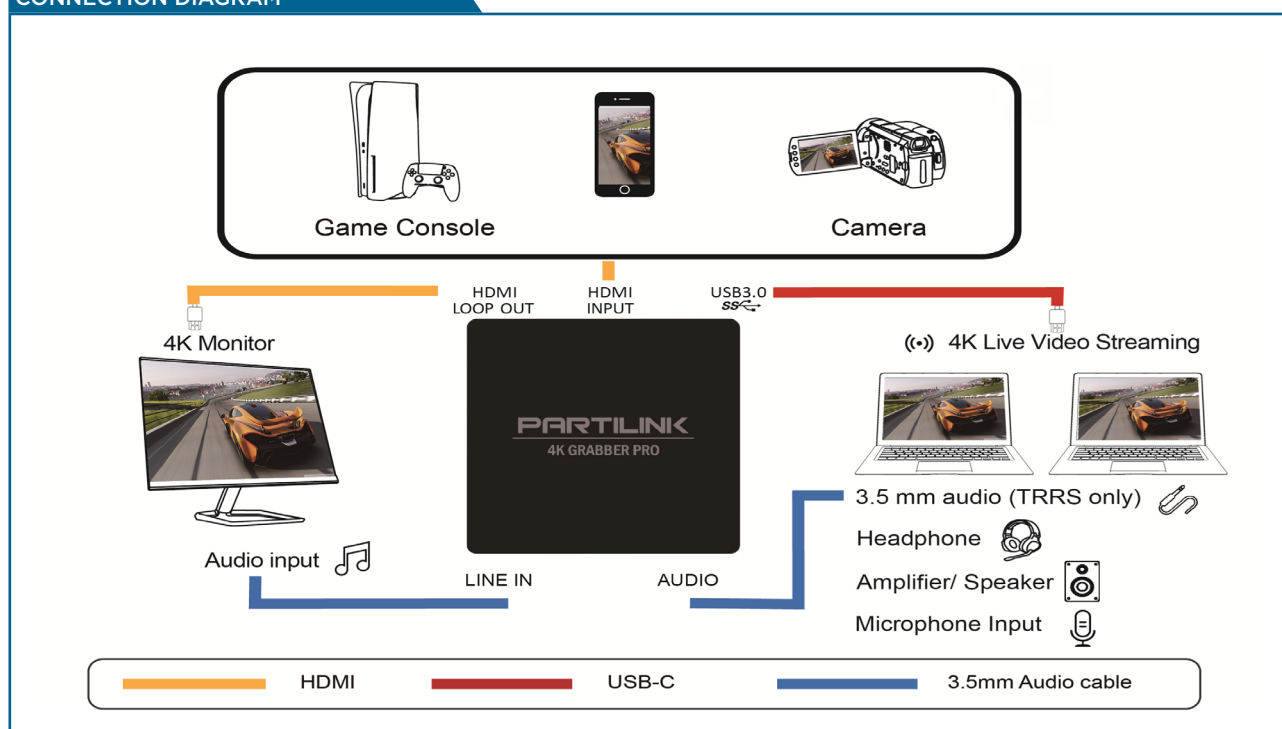


FRONT PANEL



REAR PANEL

CONNECTION DIAGRAM



GRA-H02C02

HDMI 2.0 TO 4K@30HZ USB-C VIDEOSYNC CAPTURE



OVERVIEW

Partilink GRA-H02C02, HDMI 2.0 to 4K@30Hz USB-C VideoSync Capture, is designed to capture 4K@60 HDMI video and pass-through with VRR mode, then uplink 4K@30Hz data to the connected computer via USB-C. It allows the user to capture video from sources such as PS4, XBOX, Switch, camera ... etc. for filing, re-editing and streaming.

With the function of VRR mode, streaming media is made easy to capture every sound and movement beautifully. This is the super capture tool for gamer to realize the captured video professionally in front of the audiences.

FEATURES

- HDMI 2.0 input supports 4K@60Hz and HDR
- Video captures resolution up to 3840x2160@30Hz or 1920x1080@120Hz
- HDMI 2.0 loop-out port supports resolution up to 3840x2160@60Hz, 2560x1440p@144Hz and 1920x1080@240Hz, HDR and VRR (FreeSync),
- Supports AUDIO headset (TRRS only)
- Captures dual HDMI input sources to display in PIP or PBP mode simultaneously when VRR mode disabled
- Compatible with third-party applications, such as QuickTime, OBS, XSplit, vMix, Zoom, Skype, Gamecaster, Broadcaster...etc.

SPECIFICATION

MODEL NO.	GRA-H02C02				
INPUT INTERFACE	HDMI 2.0 Type-A x 2				
OUTPUT INTERFACE	USB Type-C (SuperSpeed) UVC x 1, HDMI 2.0 Type-A x 1				
INPUT/ OUTPUT (LOOPOUT) RESOLUTION	3840x2160p 60/50/30/25/24Hz 1920x1080p 240/ 144/120/60/50/30/25/24Hz 2560x1440p 144/60Hz 1920x1080i 60/50Hz 1280x720p 60/50Hz 720(1440)x480i 60Hz				
CAPTURE RESOLUTION	USB3.0 SuperSpeed	NV12		YUY2	
		3840x2160p	30 Hz	2560x1440p	50 Hz
		2560x1440p	60 Hz	1920x1080p	
		1920x1080p	120/60/50/30/25 Hz	60/50/30/25 Hz	
		1280x720p	60 Hz	1280x720p	60 Hz
		720x480p	60 Hz	720x480p	60 Hz
		720x576p	50 Hz	720x576p	50 Hz
	640x480p	60 Hz	640x480p	60 Hz	
	USB2.0 Hi-Speed	1280x720p	30 Hz	1280x720p	30 Hz
		720x576p	50 Hz	720x576p	50 Hz
720x480p		60 Hz	720x480p	60 Hz	
640x480p		60 Hz	640x480p	60 Hz	
COLOR SAMPLING	RGB, YUV (YCbCr444, YCbCr422, YCbCr420)				
VIDEO FORMAT	NV12 , YUY2				
UAC AUDIO OUTPUT	Stereo / 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 MacOS 10.13 and above		
ENVIRONMENT	Operating Temperature		0°C ~ 45°C		
	Operating Humidity		20% ~ 90%		
DIMENSION	146.5 x 177.5 x 33.5m (W x L x H including rubber pad)				
WEIGHT	830 G				
ACCESSORIES	USB-C to USB-A Cable x 1, USB-C to USB-C Cable x 1, Power Adapter x 1				

APPLICATION

- Gaming: capturing to edit the file for storage on the connected computer, or live steaming to display in various media platform such as YouTube, FB, Instagram ...etc.
- Business: video conference, live streaming to promote product and demonstrate product
- Education: remote teaching and training

DIAGRAM

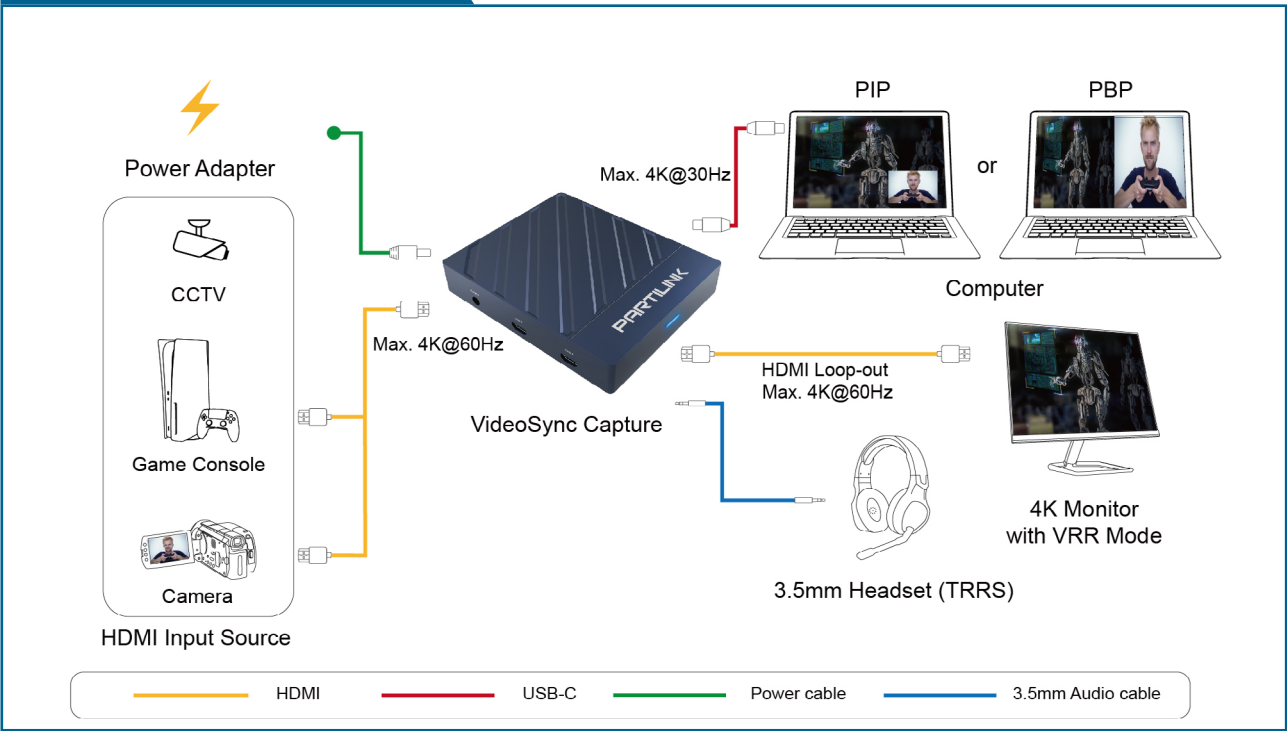


RIGHT PANEL



LEFT PANEL

CONNECTION DIAGRAM



PCI-H01HP2

HDMI 2.0 TO 4K@30HZ PCIE CAPTURE CARD



OVERVIEW

Partilink PCI-H01HP2, HDMI 2.0 to 4K@30Hz PCIe Capture Card, is designed to capture 4K@60Hz video, then uplink 4K@30Hz data to the computer through the PCIe. It allows the user to capture 4K HDMI video from sources such as PS4, XBOX, Switch, camera ...etc. for filing, re-editing and streaming via the PC.

It will not affect the performance of computer while maintaining a resolution up to 4K at 30Hz. with this 4K HDMI capture mate for PC, streaming media made easy to capture every sound and movement effectively and simultaneously.

FEATURES

- Supports HDMI input resolution up to 3840x2160@60Hz and HDR
- HDMI loop-out port supports resolution up to 3840x2160@60Hz and HDR
- Video capture resolution up to 3840x2160@30Hz or 1920x1080p@120Hz
- Supports deep color (36-bit color)
- Supports PCIe X 1 (Gen4)
- Compatible with third-party applications such as QuickTime, OBS, XSplit, vMix...etc.

SPECIFICATION

MODEL NO.	PCI-H01HP2	
INPUT INTERFACE	HDMI 2.0 Type-A x 2	
OUTPUT INTERFACE	PCI-E x 1, HDMI 2.0 Type-A x 1	
INPUT/ OUTPUT (LOOPOUT) RESOLUTION	3840 x 2160p 60/50/30/25/24Hz 2560 x 1440p 144/60Hz 1920 x 1080p 240/144/120/60/50/30/25/24Hz 1920 x 1080i 60/50Hz 1280 x 720p 60/50Hz 720 x 576p 50Hz 720 x 480p 60Hz 720 (1440) x 576i 50Hz 720 (1440) x 480i 60Hz 640 x 480p 60Hz	
CAPTURE RESOLUTION	NV12	YUY2
	3840x2160p 30 Hz 2560x1440p 60 Hz 1920x1080p 120/60/50/30/25 Hz 1280x720p 60 Hz 720x480p 60 Hz 720x576p 50 Hz 640x480p 60 Hz	2560x1440p 50 Hz 1920x1080p 60/50/30/25 Hz 1280x720p 60 Hz 720x480p 60 Hz 720x576p 50 Hz 640x480p 60 Hz
COLOR SAMPLING	RGB, YUV (YCbCr444, YCbCr422, YCbCr420)	
VIDEO FORMAT	NV12 , YUY2	
UAC AUDIO OUTPUT	Stereo / 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 MacOS 10.13 and above
ENVIRONMENT	Operating Temperature	0°C ~ 45°C
	Operating Humidity	20% ~ 90%
DIMENSION	120.9 x 133.7 x 21.6m (W x L x H)	
WEIGHT	160 G	

APPLICATION

- Gaming: capturing and editing the file for storage on PC, or live streaming to display in various media platform such as YouTube, FB, Instagram ...etc.
- Business: video conference, live streaming to promote and demonstrate product
- Education: remote teaching and training

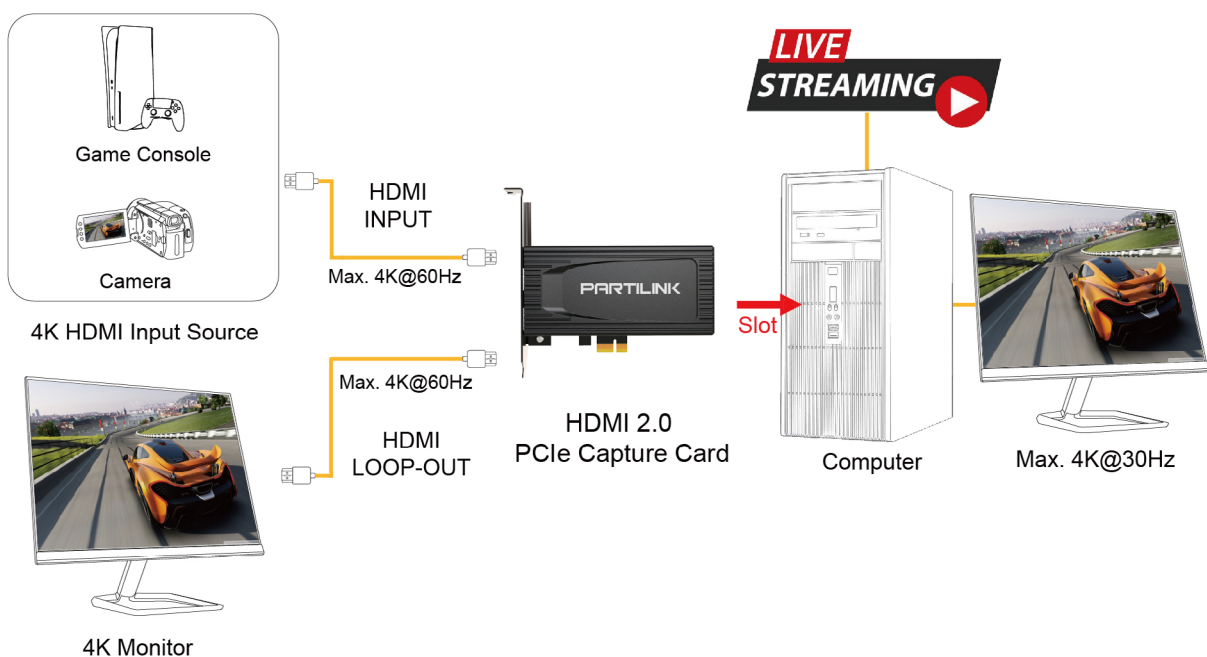
DIAGRAM



INTERFACE PANEL



CONNECTION DIAGRAM



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PARTILINK INC.

2F-2, No.18, Ln. 48. Xingshan Rd, Neihu Dist., Taipei City 114, Taiwan

TEL : +886 2 8791-0373 FAX : +886 2 8791-4665



PARTILINK

sales@partilink.com
www.partilink.com

