▶ CDPS-4KQ-AD

UHD⁺ 1x4 HDMI Video Wall Processor

This unit can take any standard 4K UHD source from HDMI and generate a high quality 2×2 video wall with bezel compensation and full audio bypass. Input supports 4K UHD HDMI video, up to and including 4K@60Hz (4:4:4, 8-bit) as well as 10/12-bit. Each of the 4 outputs supports resolutions fixed 1080p@60Hz to generate a true 4K video wall with an RS-232 port support for event-triggered commands to be sent via RS-232. Built in advanced EDID management options including Internal, External, and User configurations as well as advanced HDCP processing allows this video wall unit to handle almost any source situation. A dedicated PC application allows the user to fully customize the video wall and associated features. Multiple control interfaces are available including OSD, RS-232, Telnet and PC tool.
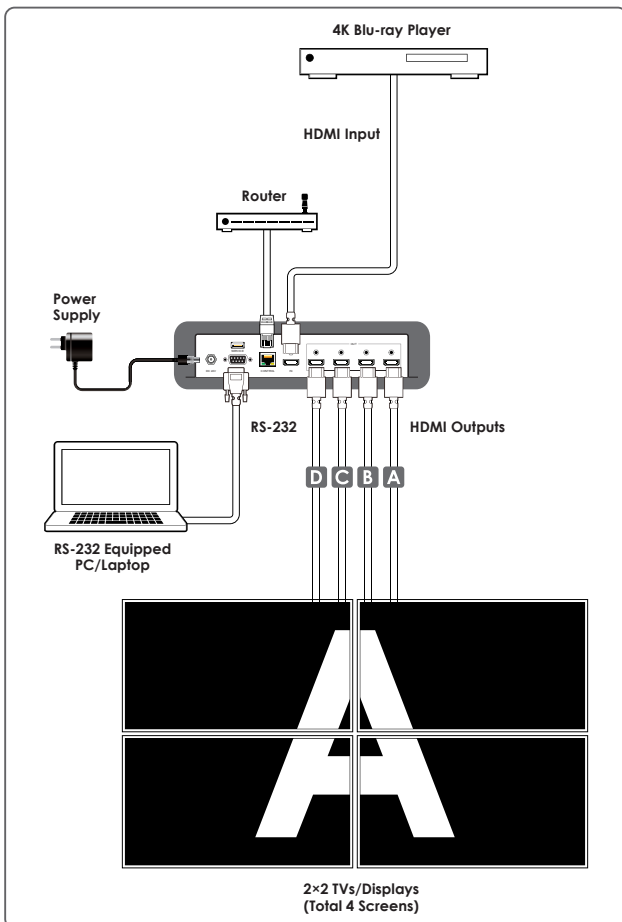
PANELS

Front View

Rear View

DIAGRAM

4K Blu-ray Player

HDMI Input

Router

Power Supply

RS-232

HDMI Outputs

D C B A

RS-232 Equipped PC/Laptop

2×2 TVs/Displays (Total 4 Screens)

FEATURES

- 1 HDMI input supports sources up to 18Gbps (600MHz) 4K UHD
- 4 HDMI output support output resolutions fixed 1080p@60Hz
- Input supports UHD resolutions up to 4096×2160@60Hz (4:4:4, 8-bit)
- Input supports 4K at 24Hz (4:4:4) and 60Hz (YUV 4:2:0) with up to 12-bit color (HDR is automatically converted to SDR for 1080p output)
- Supports pass-through of audio formats including LPCM 2.0/5.1/7.1, Bitstream, and HD Bitstream
- Basic signal event automation (via RS-232) to connected HDMI display
- Dedicated PC application for easy control of the unit

SPECIFICATIONS

Interfaces

Input Port	1 HDMI (Type-A)
Output Ports	4 HDMI (Type-A)
Control I/O	1 CONTROL (RJ-45) 1 RS-232
Service Port	1 USB (Type-A)

Video

HDMI Compliance	HDMI 2.0 (DVI 1.0)	
HDCP Compliance	2.2	
Input Signal Types	4K@60 8bit YUV 4:4:4	
Output Signal Types	1080p@60 8bit	
	Resolutions	
Maximum Input	HDMI	4096×2160p@60
Maximum Output	HDMI	1920x1080p@60

Audio

Input Signal Types	HDMI 2CH/7.1CH LPCM, Bitstream, HD Bitstream
Output Signal Types	HDMI 2CH/7.1CH LPCM, Bitstream, HD Bitstream

Power

Power Supply	24V/0.75A
Power Consumption	9W

Enclosure

Chassis Material	Metal (Steel)
Chassis Color	Black
Dimensions (W×H×D)	213.5mm×44mm×153mm [Case Only] 215mm×47mm×158mm [All Inclusive]
Weight	652g

Field Firmware Update

USB Flash Drive, PC application

ORDERING INFORMATION

Model No.	Product Description
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