

Technical specifications

Product	PCV-DPHMH12- 4K	PCV-DPHMH24- 4K_S
Part number	PCV-DPHMH12-4K	PCV-DPHMH24-4K_S
Product type	Video Splitter Box	Video Splitter Box
Form factor	PCBA+ Black Metal Box	PCBA+ Black Metal Box
Input connector (video & audio support)	DP 1.4/HDMI 2.1 with Audio	DP 1.4/HDMI 2.1 with Audio
Max input resolutions	7680x2160@60Hz 7680x4320@30Hz	7680x2160@60Hz x2 7680x4320@30Hz x2
Output connectors (video & audio support)	HDMI 2.0 with Audio	HDMI 2.0 with Audio
Max output resolutions	3840x2160@60Hz x2 3840x4320@30Hz x2	3840x2160@60Hz x4 3840x4320@30Hz x4

Configurations

Rotation (Support by Visuade)	-HW Not Support-	-HW Not Support-
Multi-unit support (Support by Visuade)	HW Not Support	HW Not Support
Bezel management (Support by Visuade)	-HW Not Support-	-HW Not Support-
Clone mode (Support by Visuade)	HW Not Support	HW Not Support
HDCP support	- Support--	- Support--
Out-of-box supported configurations	--	--

Video & audio processing

Video scaling (Support by Visuade)	Pixel to Pixel without scaling-	Pixel to Pixel without scaling-
Video cropping	HW Not Support	HW Not Support
Audio format	LPCM, AC-3, MP3, DTS 4 Channel	LPCM, AC-3, MP3, DTS 4 Channel
Audio sampling rate	32KHz,44.1KHz,48KHz, Max 128KHz	32KHz,44.1KHz,48KHz, Max 128KHz

Control & update protocols

Control interface	mUSB	mUSB
IP version / IP addressing	-Not Support	-Not Support
Command & control protocols	UART	UART
Firmware update	No Support	No Support

Color space

Input color space	8/10 bpp (12/16 bpp Option)	10/12 bpp
Output color space	8/10 bpp (12/16 bpp Option)	10/12 bpp

Environmental & power consumption

UMCC Dynamic Resolution Control / Setting APP	V3.11	V3.11
Customize Resolution Control APP	Build by NRE	Build by NRE

HDMI 2.1 Input

HDMI to DP Dongle Option Parts	Support	Support
Operating conditions	0~50°C	0~50°C
Power supply	+5V	+12V
Maximum power consumption	~5W	~20W

Hardware

Dimensions (WxHxD)/weight	--175x38x105mm/600g	175x38x105mm/600g
Regulatory / environmental compliance	--	--
Accessories (Option include)	DC 5V 3A Adapter 110V/220V USB Cable	DC 5V 3A Adapter 110V/220V USB Cable