

Technical specifications

Product	PCV-DPHMH12- 4K	PCV-DPHMH24- 4K
Part number	PCV-DPHMH12-4K	PCV-DPHMH24-4K
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	DP 1.4
Max input resolutions (per port)	7680x2160@60Hz	7680x2160@60Hz x2
Output connectors (video & audio support)	HDMI 2.0 with Audio	HDMI 2.0 with Audio
Max output resolutions (per port)	3840x2160@60Hz x2	3840x2160@60Hz 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 12V 5A Adapter 110V/220V USB Cable