Technical specifications

Product	PCV-DPHMH13-2K	PCV-DPHMH28- 2K	PCV-DPHMH14_5S	PCV-DPHMH39-2K	PCV-DPHMH14-2K
Part number	PCV-DPHMH13-2K	PCV-DPHMH28-2K	PCV-DPHMH14-5S	PCV-DPHMH39-2K	PCV-DPHMH14-2K
Product type	Video Splitter Box	Video Splitter Box	Video Splitter Box	Video Splitter Box	Video Splitter Box
Form factor	PCBA+ Black Metal Box	PCBA+ Black Metal Box	PCBA+ Black Metal Box	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	DP1.2 / HDMI 1.4 no Audio	DP 1.4/HDMI 2.1 with Audio	DP 1.4 /HDMI 2.1with Audio
Max input resolutions (per port)	5760x1080@120Hz	7680x1080@120Hz x2	7680x1080@60,1920x4320@60 5760x1080@60,1920x3240@60 3840x2160@60Hz	5760x1080@120Hz x3	7680x1080@120Hz
Output connectors (video & audio support)	HDMI 2.0 with Audio	HDMI 2.0 with Audio	HDMI 1.4 not Audio Support	HDMI 2.0 with Audio	HDMI 2.0 with Audio
Max output resolutions (per port)	1920x1080@120Hz x3	1920x1080@120Hz x8	1920x1080@60Hz x3 / x4	1920x1080@120Hz x 9	1920x1080@100Hx x4

Configurations

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

Video & audio processing

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

Control & update protocols

Control interface	mUSB	mUSB	mUSB	mUSB	mUSB
IP version / IP addressing	Not Support	Not Support	Not Support	Not Support	Not Support
Command & control protocols	UART	UART	UART	UART	UART

Color space

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

Software

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

HDMI 2.1 Input

HDMI to DP Dongle Option Parts	Support	Support	built-in	Support	Support
Operating conditions	0~50℃	0~50℃	0~50℃	0~50℃	0~50℃
Power supply	5V	5V	12V	5V	5V
Maximum power consumption	~5W	~15W	~20W	~15W-	~8W

Hardware

Dimensions (WxHxD)/weight	175x38x105mm/600g	175x38x105mm/600g	175x38x105mm/600g	175x38x105mm/600g	175x38x105mm/600g
Warranty	1year	1year	1year	1year	1year
Accessories (Option include)	DC 5V 3A Adapter 110V/220V USB Cable	DC 5V 3A Adapter 110V/220V USB Cable	DC 12V 5A Adapter 110V/220V USB Cable	DC 5V 3A Adapter 110V/220V USB Cable	DC 5V 3A Adapter 110V/220V USB Cable