

Technical specifications

Product	PCV-DPHMH13- 2K	PCV-DPHMH12- 4K	PCV-DPHMH28- 2K	PCV-DPHMH14_5S	PCV-DPHMH24- 4K	PCV-DPHMH39-2K	PCV-DPHMH14-2K
Part number	PCV-DPHMH13-2K	PCV-DPHMH12-4K	PCV-DPHMH28-2K	PCV-DPHMH14-5S	PCV-DPHMH24-4K	PCV-DPHMH39-2K	PCV-DPHMH14-2K
Product type	Video Splitter Box	Video Splitter Box	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	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	DP 1.4/HDMI 2.1 with Audio	DP1.2 / HDMI 2.0 no Audio	DP 1.4/HDMI 2.1 with Audio	DP 1.4/HDMI 2.1 with Audio	DP 1.4 /HDMI 2.1with Audio
Max input resolutions	--5760x1200@120Hz 5760x3240@50Hz	7680x2160@60Hz 7680x4320@30Hz	7680x1200@100Hz x2 7680x4320@30Hz x2	7680x1080@60,1920x4320@60 5760x1080@60,1920x3240@60 3840x2160@60Hz	7680x2160@60Hz x2 7680x4320@30Hz x2	5760x1200@120Hz x3 5760x3240@50Hz x3	7680x1200@100Hz 7680x4320@30Hz
Output connectors (video & audio support)	HDMI 2.0 with Audio	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	HDMI 2.0 with Audio
Max output resolutions	1920x1200@120Hz x3 1920x3240@50Hz x3	3840x2160@60Hz x2 3840x4320@30Hz x2	1920x1200@100Hz x8 1920x4320@30Hz x8	1920x1080@60Hz x3 / x4	3840x2160@60Hz x4 3840x4320@30Hz x4	1920x1200@120Hz x9 1920x3240@50Hz x9	1920x1200@100Hz x4 1920x4320@30Hz 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-	-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	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-	-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	HW Not Support	HW Not Support
HDCP support	-Support-	- 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-	-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	HW Not Support	HW Not Support
Audio format	LPCM, AC-3, MP3, DTS 4 Channel	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	LPCM, AC-3, MP3, DTS 4 Channel
Audio sampling rate	32KHz,44.1KHz,48KHz, Max 128Khz	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	32KHz,44.1KHz,48KHz, Max 128Khz
Control & update protocols							
Control interface	--mUSB	--mUSB	--mUSB	mUSB	mUSB	mUSB	mUSB
IP version / IP addressing	--Not Support	-Not Support	-Not Support	-Not Support	-Not Support	-Not Support	-Not Support
Command & control protocols	--UART	UART	UART	UART	UART	UART	UART
Firmware update	--No Support	No Support	No Support	No Support	No Support	No Support	No Support
Color space							
Input color space	--8/10 bpp (12/16 bpp Option)	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)	8/10 bpp (12/16 bpp Option)
Output color space	--8/10 bpp (12/16 bpp Option)	8/10 bpp (12/16 bpp Option)	8/10 bpp (12/16 bpp Option)	8 bpp	8/10 bpp (12/16 bpp Option)	8/10 bpp (12/16 bpp Option)	8/10 bpp (12/16 bpp Option)
Environmental & power consumption							
Operating conditions	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C	0~50°C
Power supply	+5V	+5V	+5V	+12V	+5V	+5V	+5V
Maximum power consumption	~5W	~8W	~15W	~20W	~15W-	~15W-	~8W
Hardware							
Dimensions (WxHxD)/weight	--175x38x105mm/600g	175x38x105mm/600g	175x38x105mm/600g	110x30x155mm/700g	175x38x105mm/600g	175x38x105mm/600g	175x38x105mm/600g
Regulatory / environmental compliance	--	--	--	--	--	--	--
Warranty	--1years	1years	1years	1years	1years	1years	1years
Accessories (Option include)	DC 5V 3A Adapter 110V/220V USB Cable	DC 5V 3A Adapter 110V/220V USB Cable	DC 5V 3A Adapter 110V/220V USB Cable	DC 12V 3A Adapter 110V/220V USB Cable	DC 5V 3A Adapter 110V/220V USB Cable	DC 5V 3A Adapter 110V/220V USB Cable	DC 5V 3A Adapter 110V/220V USB Cable
Software							
UMCC Dynamic Resolution Control / Setting APP	V3.11	V3.11	V3.11	V1.02	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	Build by NRE	Build by NRE
HDMI 2.1 Input							
HDMI to DP Dongle Option Parts	--	--	--	--	--	--	--
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