

# 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 with Audio	DP 1.4 with Audio	DP 1.4 with Audio	DP1.2 / HDMI 1.4-no Audio	DP 1.4 with Audio	DP 1.4 with Audio	DP 1.4 with 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 1920x3240@50Hz	3840x2160 @60Hz 3840x4320@30Hz	1920x1200@100Hz 1920x4320@30Hz	1920x1080@60Hz	3840 x2160 @ 60 Hz 3840x4320@30Hz	1920 x1200 @ 120 Hz 1920x3240@50Hz	1920x1200@100Hz 1920x4320@30Hz

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	Not Support	Not Support	Not Support	Not Support	Not Support	Not Support	Not 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	1 years	1years	1years	1years	1years	1years	1years

Software							
UMCC Dynamic Resolution Control/ Setting APP I	V3.11	V3.11	V3.11	V3.11	V3.11	V3.11	V3.11
Accessories (Option not include)	DC 5V 3A Adapter 110V/220V DP to DP 30cm Cable mDP to DP 30cm Cable USB Cable	DC 5V 3A Adapter 110V/220V DP to DP 30cm Cable mDP to DP 30cm Cable USB Cable	DC 5V 3A Adapter 110V/220V DP to DP 30cm Cable mDP to DP 30cm Cable USB Cable	DC 12V 3A Adapter 110V/220V DP to DP 30cm Cable mDP to DP 30cm Cable HDMI 30cm Cable USB Cable	DC 5V 3A Adapter 110V/220V DP to DP 30cm Cable mDP to DP 30cm Cable USB Cable	DC 5V 3A Adapter 110V/220V DP to DP 30cm Cable mDP to DP 30cm Cable USB Cable	DC 5V 3A Adapter 110V/220V DP to DP 30cm Cable mDP to DP 30cm Cable USB Cable