

# Technical specifications



Product	PCV-DPHMH13-LED	PCV-DPHMH14-LED
Part number	PCV-DPHMH13-LED	PCV-DPHMH14-LED
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 with Audio	DP 1.4 with Audio
Max input resolutions	2880x540@360Hz 5760x4320@40Hz	3840x540@360Hz 7680x4320@30Hz
Output connectors (video & audio support)	HDMI 2.0 with Audio	HDMI 2.0 with Audio
Max output resolutions	960x540@360Hz x3 1920x4320@40Hz x3	960x540@360Hz x4 1920x4320@30Hz x4

## HDMI Output Configurations

Output Mode	Hx3 / Hx2 (Setting by UMCC)	Hx4
Horizontal resolution support range	960~2560 / 960~3840	960~1920
Vertical resolution support range	540~4320	540~4320
Vertical Rate support range	30Hz~360Hz (480Hz Option)	30Hz~360Hz(480Hz Option)
Display Rotation	Support by GPU Driver	Support by GPU Driver
HDCP support	Support	Support

## 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	Not Support	Not Support

## Color space

Input color space	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)

## Environmental & power consumption

Operating conditions	0~50°C	0~50°C
Power supply	+5V	+5V
Maximum power consumption	~6W	~8W

## Hardware

Dimensions (WxHxD)/weight	175x38x105mm/600g	175x38x105mm/600g
Regulatory / environmental compliance	--	--
Warranty	1 years	1 years
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

## Software

UMCC Dynamic Resolution Control/Setting APP I	V3.11	V3.11
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