EPSON

Supplemental A/V Support Specification

EH-LS7500
EH-LS7000
EH-LS6000
EH-LS5000

CH-LS7500
CH-LS7000
CH-LS6000
CH-LS5000

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Supplemental A/V Support Specification (HDMI1,HDMI2)

Signal Information				HDMI											
				YCbCr									RGB		
Mode	Resolution	Refresh Rate [Hz]	Link	4:2:0			4:2:2			4:4:4					
				8	10	12	8	10	12	8	10	12	8	10	12
PC	640 x 480	59.94p	Single	–	–	–	–	–	–	–	–	–	✓	–	–
PC	800 x 600	60.32p	Single	–	–	–	–	–	–	–	–	–	–	–	–
PC	1024 x 768	60p	Single	–	–	–	–	–	–	–	–	–	–	–	–
PC	1280 x 800	59.81p	Single	–	–	–	–	–	–	–	–	–	–	–	–
PC	1280 x 960	60p	Single	–	–	–	–	–	–	–	–	–	–	–	–
PC	1280 x 1024	60.02p	Single	–	–	–	–	–	–	–	–	–	–	–	–
PC	1366 x 768	59.79p	Single	–	–	–	–	–	–	–	–	–	–	–	–
PC	1400 x 1050	59.98p	Single	–	–	–	–	–	–	–	–	–	–	–	–
PC	1440 x 900	59.89p	Single	–	–	–	–	–	–	–	–	–	–	–	–
PC	1600 x 900	60p	Single	–	–	–	–	–	–	–	–	–	–	–	–
PC	1600 x 1200	60p	Single	–	–	–	–	–	–	–	–	–	–	–	–
PC	1680 x 1050	59.95p	Single	–	–	–	–	–	–	–	–	–	–	–	–
PC	1920 x 1200	59.95p	Single	–	–	–	–	–	–	–	–	–	–	–	–
PC	2048 x 1536	59.95p	Single	–	–	–	–	–	–	–	–	–	–	–	–
PC	2560 x 1440	59.95p	Single	–	–	–	–	–	–	–	–	–	–	–	–
PC	2560 x 1600	59.97p	Single	–	–	–	–	–	–	–	–	–	–	–	–
Video	720 x 480	59.94p	Single	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	720 x 576	50p	Single	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	1280 x 720	50p	Single	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	1280 x 720	59.94p	Single	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	1280 x 720	60p	Single	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video *1	720 x 480	59.94i	Single	–	–	–	–	–	–	–	–	–	–	–	–
Video *1	720 x 576	50i	Single	–	–	–	–	–	–	–	–	–	–	–	–
Video	1920 x 1080	23.98p	Single	–	–	–	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	1920 x 1080	24p	Single	–	–	–	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	1920 x 1080	25p	Single	–	–	–	–	–	–	–	–	–	–	–	–
Video	1920 x 1080	29.97p	Single	–	–	–	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	1920 x 1080	30p	Single	–	–	–	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	1920 x 1080	50p	Single	–	–	–	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	1920 x 1080	59.94p	Single	–	–	–	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	1920 x 1080	60p	Single	–	–	–	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	1920 x 1080	50i	Single	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	1920 x 1080	59.94i	Single	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	1920 x 1080	60i	Single	–	–	–	✓	✓	✓	✓	✓	✓	✓	✓	✓
Video	1920 x 1080	100p	Single	–	–	–	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	1920 x 1080	119.88p	Single	–	–	–	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	1920 x 1080	120p	Single	–	–	–	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	3840 x 2160	23.98p	Single	–	–	–	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	3840 x 2160	24p	Single	–	–	–	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	3840 x 2160	25p	Single	–	–	–	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	3840 x 2160	29.97p	Single	–	–	–	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	3840 x 2160	30p	Single	–	–	–	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	3840 x 2160	50p	Single	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	3840 x 2160	59.94p	Single	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	3840 x 2160	60p	Single	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	4096 x 2160	23.98p	Single	–	–	–	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	4096 x 2160	24p	Single	–	–	–	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	4096 x 2160	25p	Single	–	–	–	–	–	–	–	–	–	–	–	–
Video	4096 x 2160	29.97p	Single	–	–	–	–	–	–	–	–	–	–	–	–
Video	4096 x 2160	30p	Single	–	–	–	–	–	–	–	–	–	–	–	–
Video	4096 x 2160	50p	Single	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	4096 x 2160	59.94p	Single	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	4096 x 2160	60p	Single	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	3840 x 2160	100p	Single	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	3840 x 2160	119.88p	Single	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	3840 x 2160	120p	Single	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	4096 x 2160	100p	Single	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	4096 x 2160	119.88p	Single	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A
Video	4096 x 2160	120p	Single	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A	✓	✓*A	✓*A

■H/VSync,Pixel Clock Min/Max		HDMI
HSync [kHz]	MIN	26.97
	MAX	270.00
VSync [Hz]	MIN	23.98
	MAX	120.00
Pixel Clock [MHz]	MIN	25.175
	MAX	1188.000

■Common note

・Formats with a checkmark "✓" in 10 bit and 12 bit support "Deep Color".
10bit、12bitに✓が入っているフォーマットは、ディープカラーに対応しています。

■Notes (*1,2,3・・・・)

*1 : Pixel repetition : H active is 720(1440)
Pixel repetition：有効な水平解像度は720(1440)です

■HDR Support Information (*A,B,C・・・・)

	HDR Supported	Color Space	Standard
*A	HDR10, HLG	BT.2020	BT.2100

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Supplemental A/V Support Specification (eARC/ARC)

Output Audio Format		eARC	ARC
LPCM	2～8ch(Max 192kHz/24bit)	✔	✔*1
Dolby	Dolby Digital(AC-3)	✔	✔
	Dolby Digital Plus	✔	–
	Dolby TrueHD	✔	–
	Dolby Atmos	✔	–
DTS	DTS	–	–
	DTS-HD High Resolution Audio	–	–
	DTS-HD Master Audio	–	–
	DTS:X	–	–
AAC		✔	✔

■Common note

・You can output (pass-through) HDMI audio signals with eARC/ARC when using an HDMI cable (with Ethernet). The audio format is determined by the specifications of the connected AV system or external speakers such as a sound bar.

HDMI音声信号は、イーサネット対応のHDMIケーブルを使用して、eARC/ARCでパススルー可能です。
音声フォーマットは、接続されるアンプやサウンドバーなどの外部スピーカーの仕様で決定されます。

■Notes (*1,2,3・・・・)

*1 Supports up to 2 ch/48 kHz for ARC.
ARCは、2ch/48kHzまでのサポートとなります。

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