

# plura® LCM-4K (UHD) Series

Screen Sizes: 49" & 84"



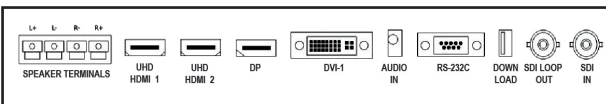
The Plura LCM-4K-UHD Series brings together the exceptional built-in feature set Plura monitors are known for, while doubling down on quality, detail and performance to give production facilities an edge in Ultra HD monitoring.

The LCM-4K-UHD Series, which supports resolutions up to 3840x2160, focuses on delivering the highly detailed, accurate colour representation and stunning picture consistency that high-end production applications require. The series also adopts the exceptionally slim form factor that Plura customers enjoy, ensuring that even the largest 4K monitors in the portfolio demand a modest slice of real estate.

LCM-4K-UHD Series will suit any studio or mobile production workflow, and will be especially valuable to our customers in sports that lack affordable options for buying a 4K monitor. However, our customers can rest assured that larger 4K monitors today will give them the flexibility to work across multiple formats.

The LCM-4K-UHD Series supports SMPTE 2082 and other earlier, industry standards. 2 x 12G/3G/HD-SDI inputs with active loop, 1 x SFP slot to support multiple IP & fiber I/O standards. 1 x HDMI 2.0. in addition to all other legacy I/O.

## I/O Ports



## LCM-4K Specifications

FUNCTION		LCM-149-4K	LCM-184-4K
INPUT	SDI Input	1 x12G-SDI SD /HD/4K auto switching	
	Display Port	1EA, DP, C connector Female	
	DVI / VGA Input	1EA, DVI-I, 24pin, Female	
	HDMI	2 EA, HDMI-UHD , 19pin Female	
OUTPUT	SDI Output	1 x12G-SDI SD/HD/4K auto switching	
ANALOG INPUT FORMAT	RGB	1.0Vpp (G with Sync), 0.7Vpp (R/B)	
	DVI - (Analog PC)	H Frequency Range : 22~82KHz, V Frequency Range : 55~90Hz, Maximum Resolution : UXGA at 60Hz, Maximum Pixel Rate : 162MHz - Separate Sync Support	
DIGITAL INPUT FORMAT	SMPTE- ST 2082	3840x2160 (23.98/24/25/29.97/30/50/59.94/60p)	
	SMPTE 428.1M	2048x1080P ( 24/25)	
	SMPTE-425M(3G)	1920x1080P (50/60)	
	SMPTE-260M	1920x1035i(60/59.94)	
	SMPTE-292M	1920x1080i (50/59.94/60)	
		1920x1080P (30Psf/25Psf/24Psf/30/25/24)	
	SMPTE 372M	Dual Link HD-SDI YPbPr(4:2:2) : 1080P(50/59.94/60)	
		Dual Link HD-SDI YpbPr/RGB(4:4:4)	
		1080P(30/29.97/25/24/23.98)	
		1080i(29.97/25/24/23.98)	
		720P(60/59.94/50)	
	SMPTE 296M	1280x720P (50/59.94/60)	
	SMPTE 259M/C	480i(59.94)	
		576i(50)	
AUDIO OUTPUT	Component	640 X 480 up to 1920 X 1080p	
	UHD HDMI	Supports 4K2k@30Hz	
	UHD DP	Supports 4K2k@30Hz	
	FHD HDMI	Up to 1920x1080@60Hz	
	DVI	Up to 1920x1080@60Hz	
	PC-RGB	Up to 1920x1080@60Hz	
	Speaker Output	STEREO 7W + 7W	
I/O PORT	GPI	RJ-45 8 Pin (Programmable for General Purpose Input)	
	RS422/485	RJ-45 8 Pin for upgrade	
	Upgrade Port	D-sub 9 pin female for software upgrade	
	RS232	D-sub 9 pin female I/P for Wall Control	
LCD	Size	LCD 49" Diagonal	LCD 84" Diagonal
	Aspect Ratio	16 : 9	
	Resolution	3840 x 2160	
	Refresh Rate	120 Hz	
	Display Color	10 Bit 16 Lane V by One	
	Brightness	400cd/m2	500cd/m2
	Contrast Ratio	1200:1 (Typical)	5000:1 (Typical)
	Response Time	Tr=8ms / Tf=8ms	Tr=7.5ms / Tf=7.5ms
	Viewing Angle (deg)	Horizontal: 178 (Typ.) Vertical 178 (Typ.)	
	POWER REQUIREMENTS	AC 100V ~ 240 V (60/50 Hz)	
POWER CONSUMPTION		1.1A - 2.2A (230W)	2.1A - 4.2A (470W)
OPERATING TEMPERATURE		0°C - 40° C (32° ~ 104°F)	
OPERATING HUMIDITY		10% RH ~ 85%RH ( Non Condensed)	
STORAGE TEMPERATURE		-10°C - 80° C (14° ~ 176°F)	
STORAGE HUMIDITY		10% RH ~ 85%RH ( Non Condensed)	
WEIGHT ( w/o stand & packing)		22.6 Kg - 50 lbs	120 Kg - 265 lbs
DIMENSION (W*H*D*) w/o Box & Stand		1106 X 653 x 75.4 mm 43.54 x 25.7 x 2.96 inch	1953 X 1145 X 88 mm 76.9 X 45 X 3.5 inch
PACKAGING DIMENSION		1269 X 812 X 295 mm 49.96 X 31.96 X 11.6 inch	2300 X 1450 X 300 mm 90.5 X 57 X 11.8 inch
ACCESSORY		Power Cord, Remote	Power Cord, Remote
OPTIONS		Wall Mount	Wall Mount

Please note that the technical details shown here are provisional specifications (as of April 2016) The information is subject to change without notice.

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