LCM240-E

Centered on a 10-bit wide gamut IPS panel, OSEE LCM240-E is designed for post production. The LCM240-E displays DCI-P3, REC 2020 and REC 709 color space. The monitor accepts two SDI inputs; one HDMI input and loop out on each SDI respectively.

Undergone rigorous calibration by Calman in house the LCM240-E is capable of rendering accurate color. The LCM240-E brags to have a nearly 100% DCI-P3 color space, and its wide color gamut allows you to make full use of your camera's wide gamut without clipping.

The LCM240-E is integrated with 10 pre-loaded camera de-log LUTs and can display correct video that is shot in log thus avoiding the flat images. In addition the monitor is also pre-loaded with 4 film stock LUTs that can be replaced by User LUTs at customer's discretion.

The LCM240-E provides variety of tools to help you assure you have perfect exposure setup. False color, Zebra, and Waveform (Luma, RGB Parade and Histogram) are major means to help set your exposure properly.

The LCM240-E can properly restore the video shot by anamorphic lens. It can work with a camera without internal anamorphic de-squeeze to support 1.3x and 2x anamorphic lens.

When in the studio production or on DIT cart, OSEE LCM240-E is equipped with sun hood with 4-side enclosure to best eliminate the impact of ambient lights and for ease of use on DIT cart the monitor can also be run on battery either on V-mount or AB mount.

Specifications

Display	
Size	24"
Resolution	1920*1200
Signal Process	10bits
Aspect Ratio	16:10
Color Depth	1.073G
Brightness	250nits
Contrast Ratio	1000:1
Backlight	LED
Viewing Angle	178°x 178°
Input	
3G/HD/SD-SDI	BNC*2
HDAMI	HDMI * 1
Output	LCM240-E
3G/HD/SD-SDI	BNC*2
Audio	
Internal Speakers	Stereo
Phone Jack	3.5mm Mini-Jack
Control	
Ethernet	Ethernet (10/100M adaptive RJ45)x1
Power	
AC In	100-240V 50/60Hz
DC In	12-16.8V
Power Consumption	63W

*Specifications are subject to change without notice.

Signal Format

	Signal Format			SDI Static Image	SDI Motion Image	HDMI
SD	525I59.94	480I60		√	√	
	625I50	576I50		√	√	
HD	720P	720P24/23.98	4:2:2 YCbCr 10 BIT	√	√	
		720P25		√	√	
		720P30/29.97		√	√	
		720P50		√	√	√
		720P60/59.94		√	√	√
	1080SF	1080SF24/23.98		√	√	√
		1080SF25		√	√	√
		1080SF29.97		√	√	√
		1080SF30		√	√	√
	1035I	1035I60/59.94		√	√	
	1080I	1080I50		√	√	√
		1080I60/59.94		√	√	√
	1080P	1080P24/23.98		√	√	√
		1080P25		√	√	√
		1080P30/29.97		√	√	√
3G-A	1080P	1080P50		√	√	√
		1080P60/59.94		√	√	√
3G-B	1080I	1080I50	4:2:2 YCbCr 12 BIT 4:4:4 YCbCr 10 BIT 4:4:4 YCbCr 12 BIT 4:4:4 RGB 10 BIT 4:4:4 RGB 12 BIT 4:4:4_XYZ_10BIT 4:4:4_XYZ_12BIT	√	√	
		1080I60/59.94		√	√	
	1080P	1080P24/23.98		√	√	
		1080P25		√	√	
		1080P30/29.97		√	√	
	1080P	1080P50	4:2:2 YCbCr 10 BIT	√	√	
		1080P60/59.94		√	√	

	Signal Format			SDI Static Image	SDI Motion Image	HDMI
3GA-2K	1080SF	1080SF24/23.98	4:2:2 YCbCr 12 BIT 4:4:4 YCbCr 10 BIT 4:4:4 YCbCr 12 BIT 4:4:4 RGB 10 BIT 4:4:4 RGB 12 BIT 4:4:4_XYZ_10BIT 4:4:4_XYZ_12BIT			
		1080SF25				
		1080SF29.97				
		1080SF30				
	1080P	1080P24/23.98		√	√	
		1080P25		√	√	
		1080P30/29.97		√	√	
		1080P48/47.95	4:2:2 YCbCr 10 BIT	√	√	
		1080P50		√	√	
		1080P60/59.94		√	√	
3GB-2K	1080SF	1080SF24/23.98	4:2:2 YCbCr 12 BIT 4:4:4 YCbCr 10 BIT 4:4:4 YCbCr 12 BIT 4:4:4 RGB 10 BIT 4:4:4 RGB 12 BIT 4:4:4_XYZ_10BIT 4:4:4_XYZ_12BIT			
		1080SF25				
		1080SF29.97				
		1080SF30				
	1080P	1080P24/23.98		√	√	
		1080P25		√	√	
		1080P30/29.97		√	√	
		1080P48/47.95	4:2:2 YCbCr 10 BIT	√	√	
		1080P50		√	√	
		1080P60/59.94		√	√	