



# LCM170-A

## An Ideal Monitoring Tool for Field and Production within Your Budget

OSEE LCM170-A can deliver sharp image and reproduce accurate color coupled with tons of professional tools it is thus perfect for field shooting, post production as well as technical monitoring for DIT.

## User Configurable Settings

As a field monitor, fast operation is of vital importance for crew to complete their shooting for the day. OSEE LCM170-A can cater such needs with readily configured four user pre-set that can be customized to serve for exposure, focus, viewing flat image with LUTs and any other utilities you may need.

## Precise and Handy Exposure Assist Tools

When it comes to shooting, how accurately you can have your exposure set really matters.

OSEE owns On Screen Spot Meter patent for technology of false color that can guarantee the inaccuracy of your exposure will be less than 0.5 stop applicable to ARRI ALEXA to DSLR. Removing the guesswork out of from your exposure setup can easily be achieved by using OSEE On Screen Spot Meter. Another monitoring tool, waveform (LUMA, RGB Parade, Vector and Histogram) can further assure the accuracy of exposure and help DIT to confirm the video technical quality.

Out of a pool of monitoring tools, there are many other tools like Focus Assist, Anamorphic de-squeeze, and all markers and many other more.

OSEE LCM170-A provides up to 108 LUTs for monitoring Log video shot on all major cameras.

The list of camera manufactures is as follows



And in addition creative and DIT LUTs can be loaded via flash disk as USER LUTs.

Each LCM170-A is undergone rigorous color calibration to be used in post production.





### Very Light Weight to Ease Mobility in the Field

It cannot be over emphasized on the mobility of field monitor. Being light, portable and easily packed and disassembled on the field is another great merit of OSEE LCM170-A. It weighs 3Kg only and you can easily move it around in the field. The monitor consumes only 14W, and it can work full day on a battery of 130Wh. OSEE LCM170-A can survive working properly under summer sunlight.

A bunch of accessories can be housed up in OSEE LCM170-A. The accessories include sun hood, screen impact protector, c-stand adapter and cheese plate for 1/4 and 3/8 accessories.

*A monitor, helping do your job efficiently*

**JUST TRY IT!**

## Accessories



Sun Hood



Protective Screen



D-tap to DC



Cheese Plate



V-Mount Plate



D-tap to XLR



C-Stand adapter

## Specifications

Display	
Size	17.3"
Resolution	1920*1080
Aspect Ratio	16:9
Brightness	300nits
Contrast Ratio	800:1
Backlight	LED
Viewing Angle	178°x 178°
Input	
3G/HD/SD-SDI	BNC*2
HDAMI	HDMI * 1
Video Analog	CVBS*1
Analog audio input	√
Output	
3G/HD/SD-SDI	BNC*1
Ear phone jack	√
Control	
RS485	√
USB	√
Built in Speaker	4Q5W*2
Power	
AC In	√
Range	AC 100~240V 50/60Hz
DC In	11-17V/3A
Power Consumption	14W

\*Specifications are subject to change without notice.

# Signal Format

Signal Format				SDI Static Image	SDI Motion Image	HDMI
SD	525I59.94	480I60	4:2:2 YCbCr 10 BIT	√	√	
	625I50	576I50		√	√	
720P	720P24/23.98			√	√	
	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	√	√	
		1080I60/59.94	4:4:4 YCbCr 10 BIT	√	√	
	1080P	1080P24/23.98	4:4:4 YCbCr 12 BIT	√	√	
		1080P25	4:4:4 RGB 10 BIT	√	√	
		1080P30/29.97	4:4:4 RGB 12 BIT	√	√	
	1080P	1080P50	4:4:4_XYZ_10BIT	√	√	
1080P60/59.94		4:4:4_XYZ_12BIT	√	√		

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			√	√	
1080P50		4:2:2 YCbCr 10 BIT	√	√			
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			√	√	
1080P	1080P50	4:2:2 YCbCr 10 BIT	√	√			
	1080P60/59.94		√	√			

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