

HD/SD Multi-Format OLED Monitors

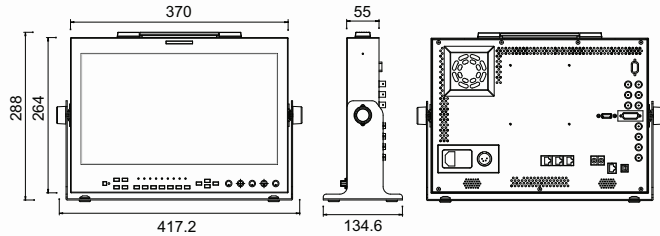
LEM-150

From 10" to 20"



Main body Dimensions

- Main Body : 370 x 264 x 55 (mm) / 14.6 x 10.4 x 2.16 (inch)
- with stand : 417.2 x 288 x 134.6 (mm) / 16.4 x 11.3 x 5.3 (inch)
- weight : 5.7Kg / 12.6lbs

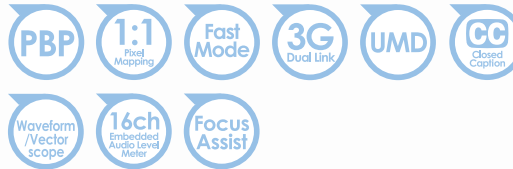


Optional Accessories



The world's First Professional OLED Monitor

The LEM-150 is the first broadcast monitor to utilize an Organic Light Emitting Diode(OLED) display. OLED offers many advantages over conventional flat panel technologies including highest possible contrast ratio and ultra-wide viewing angle(180°). In addition, due to extremely fast pixel response time, LEM-150 offers clean and smooth motion.



Product Highlights

- 15" 1366x768 Active Matrix OLED
- Ultra-Fast Panel Response Time
- High Refresh Rate (120Hz)
- Viewing Angle free
- Supports TVLogic Color Calibration Utility for proper color alignment
- Supports 3D LUT & Adjustable Gamma(1.0 to 3.0) and user defined mode
- Supports 3rd party 3D LUT formats for import and export
- Firmware update by using Ethernet or USB
- GPI (RJ45)
- Timecode Display (VITC/LTC)
- Waveform/Vectorscope (Y/Cb/ Cr, Wide type, Line waveform)
- Range Error
- Marker / User Aspect
- Blue Only / Mono
- Key lock
- Selectable 4 function keys
- H/V Delay
- UMD (ANC, Manual, Dynamic and User)
- Closed Caption : CEA-608/708 (SDI), OP-47
- Audio level metering (horizontal / vertical, position, size and decay time selects)
- Selectable audio channels for speaker left/right
- Monitor control by using RS422 / Ethernet
- Low power consumption
- Focus Assist

AM-OLED	
Size	15"
Resolution	1366 x 768 (16:9)
Pixel Pitch	0.243mm
Color Depth	134M (True 8bit, Dither 9bit)
Viewing Angle (Typ.)	180°(H) / 180°(V)
Luminance (Max.)	200cd/m ² (Center)
Contrast Ratio	100,000 : 1
Display Area	332(H) x 187(V) mm

Input	
1 x DVI-I	Analog & Digital RGB
3 x BNC	Analog Video Input
2 x BNC	SDI A/B Channel Input
1 x HDMI	HDMI Input

Output	
3 x BNC	Analog Output (Passive Loop Through)
2 x BNC	SDI A/B Channel (Active Loop Through)

Input Signal	
Analog	CVBS / S-Video / Component Video / RGB
3G-SDI	2.970Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
HDMI	480i/480p/720p/1080i/1080p/640x480/720x400/800x600/1024x768/1280x1024/1366x768
DVI-Analog	640x480/720x400/800x600/1024x768/1280x1024/1366x768
DVI-Digital(Graphic)	640x480/720x400/800x600/1024x768/1280x1024/1366x768

Analog Input Spec	
CVBS	1.0Vpp (With Sync)
S-Video	1.0Vpp (Y With Sync), 0.286Vpp (C)
Component Video	1.0Vpp (Y With Sync), 0.7Vpp (Pb,Pr)
RGB	1.0Vpp (G With Sync), 0.7Vpp (B,R)

SDI Input Signal Formats	
SMPTE-425M-A/B	1080p (60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF) / 1080i (60/59.94/50)
SMPTE-372M (Dual Link)	Dual HD-SDI YPbPr(4:2:2) 1080p (50/59.94/60)
	Dual HD-SDI YPbPr/RGB(4:4:4) 1080i (50/59.94/60)
	1080p/psf (30/29.97/25/24/23.98)
SMPTE-274M	1080i (60 / 59.94 / 50)
	1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-296M	720p (60/59.94/50)
SMPTE-260M	1035i (60/59.94)
SMPTE-125M	480i (59.94)
ITU-R BT.656	576i (50)
2K Format	2048 x 1080p (24/24sF/23.98/23.98sF)
Audio IN	Embedded Audio / Analog stereo (Phone Jack)
Audio OUT	Internal speaker (Stereo) / Analog stereo (Phone Jack)
Power	DC 12/24V / AC 100~240V (50~60Hz)
Power Consumption	42Watts (MAX)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Accessory	AC Power Cord

* Specifications may be changed without notice.