

# LUM-242H *New* 24" 4K / UHD High Brightness HDR Emulation Monitor



UHD

HDR  
Emulation

3D  
LUT

HDMI  
2.0

12G  
SDI

1:1  
Pixel Mapping

3G  
Quad Link

1500  
nits

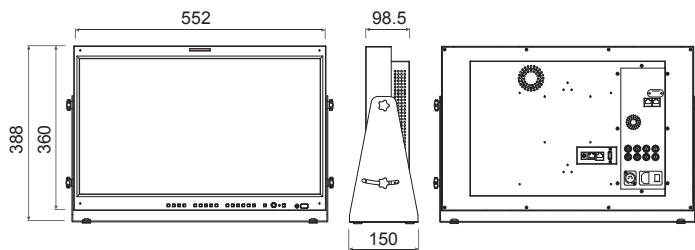
95%  
DCI

## Main Body Dimensions

**Main Body** 552 x 360 x 98.5 (mm) / 21.73 x 14.17 x 3.88 (inch)

**With Stand** 586 x 388 x 150 (mm) / 23.07 x 15.27 x 5.9 (inch)

**Weight** 10.3kg / 22.71lbs



## Product Highlights

- 24", True UHD Resolution (3840x2160)
- Max Luminance 1,500cd/m<sup>2</sup>
- Color Gamut Covers up to DCI-P3 95%
- Improved Color Standard Switching Speed
- HDR Emulation (PQ,HLG,S-Log3)
- 1.07 Billion Colors (10bit)
- 4K / UHD Interface
  - 2x12G-SDI & 2x3G-SDI in
  - 4x3G-SDI In/Out (Active Through Out)
  - 1xHDMI in (HDMI 2.0)
- TVLogic Color Calibration Utility

## Optional Accessories



Size	24"
Resolution	3840 x 2160 (16:9)
Pixel Pitch	0.137mm
Color Depth	1.07B (10bit)
Viewing Angle (Typ.)	178°(H)/178°(V)
Luminance (Max.)	1500cd/m <sup>2</sup>
Contrast Ratio	1000:1
Display Area	527(H)X296(V)mm

Input	
4 x BNC	12G-SDI A/B Channel Input, 3G-SDI C/D Channel Input
1 x HDMI	HDMI Input (HDMI 2.0)

Output	
4 x BNC	12G-SDI A/B, 3G-SDI C/D Channel (Loop Through Out)

Input Signal	
12G-SDI	12Gb/s
6G-SDI	6Gb/s
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
HDMI	480p / 720p / 1080p / 2160p

SDI Input Signal Formats	
SMPTE ST 2082	3840x2160 (60/50/59.94p)
SMPTE ST 2081	3840x2160 (30/25/24p/23.98p/29.97p)
SMPTE-425M-A/B	1080p(60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)
SMPTE-274M	1080i(60/59.94/50)
	1080p(30/29.97/25/24/24sF/23.98/23.8sF)
SMPTE-296M	720p(60/59.94/50)
SMPTE-125M	480i(59.94)
ITU-R BT.656	576i(50)
Audio In	Analog Stereo
Audio Out	Analog Stereo (Phone Jack)
Power	DC 12V /24V / AC 100~240V(50~60Hz)
Power Consumption (Approx.)	TBD
Operating Temperature	0°C to 35°C (32°F to 95°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Basic Accessory	AC Power Cable / Stand