

# 17", 24" 4K 12G-SDI Single Link Monitors

## LUM-171G LUM-240G



The LUM-240G is a 24" 4K(3840x2160) monitor with 12G-SDI interface - 2x12G-SDI & 2x3G-SDI. It supports various video formats including 12G / 6G / 3G / HD-SDI and HDMI 2.0. It also provides wide color gamut up to DCI and includes 3D LUT support and various professional features. The LUM-171G is the practical combination of FHD panel and 4K interface that is best for 4K/UHD monitoring and field production.

### FRONT



LUM-171G

- Power On/Off
- Source
- Scan
- Aspect
- Marker
- Function (F1~F3)
- Menu / Exit
- Enter

LUM-240G



- HDMI
- Single
- 2SI
- Quad
- Function(F1~F5)
- Scan
- Aspect
- Marker
- Back Light
- Video Range
- Information
- Menu / Exit
- Enter
- Power On/Off

### REAR



- 2 x 12G-SDI In : SDI-A / B
- 2 x 3G-SDI In : SDI-C / D
- 4 x 3G-SDI Out : SDI-A / B / C / D
- 1 x HDMI In : HDMI 2.0

### FEATURES

- Practical hybrid of FHD panel + 4K Interface
- 16.5", 1920x1080 Resolution (16:9)
- **23.8", UHD Resolution (3840x2160)\***
- **Color gamut covers up to DCI-P3\***
- 1.07 Billion Colors (10bit)
- TVLogic Color Calibration Utility
- True 24p(48Hz) driving for Digital Cinema
- 1:1 Pixel Mapping Modes for HD
- Wide Viewing Angle
- 4K / UHD Interface
- Matte Finish Panel
- 3D LUT (New)\*
- Time Code Display
- Focus Assist
- Audio Level Meter
- Internal Pattern
- Blue Only
- H/V Delay
- Marker
- Mono

\* Only available with LUM-240G

### LUM-171G Dimensions

- Main Body : 421.5 x 264 x 74.1 (mm)  
16.59 x 10.39 x 2.91 (inch)
- With stand : 483.5 x 310.3 x 137.5 (mm)  
19.03 x 12.2 x 5.41 (inch)

### LUM-240G Dimensions

- Main Body : 552 x 360 x 95.9 (mm)  
21.73 x 14.17 x 3.77 (inch)
- With stand : 586 x 388 x 150 (mm)  
23.07 x 15.27 x 5.9 (inch)

	LUM-171G	LUM-240G
Size	16.5"	23.8"
Resolution	1920 x 1080 (16:9)	3840 x 2160 (16:9)
Pixel Pitch	0.1905mm	0.13725mm
Color Depth	1.07B	1.07B
Viewing Angle (Typ.)	178°(H)/178°(V)	178°(H)/178°(V)
Luminance (Max.)	450cd/m <sup>2</sup>	350 cd/m <sup>2</sup>
Contrast Ratio	1400 : 1	1000 : 1
Display Area	365.8(H) x 205.7(V)mm	527.04(H) x 296.46(V)mm

12G-SDI Single Link  
No more 4 cables

**4K**

Support HDMI 2.0  
for 4K/60p

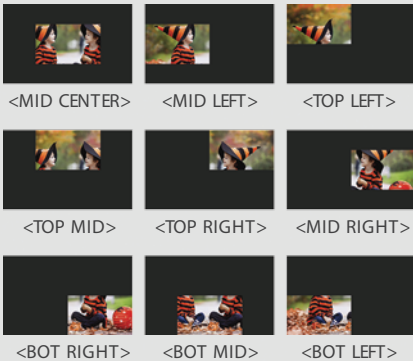
**HDMI**  
2.0 is Here!



LUM-171G : UHD mode (16:9)  
Displays 3840 x 2160 video downscaled to  
1920 x 1080 LCD panel

LUM-171G : Zoom for 1:1 pixel  
mapping

Zoom function for Focus Check

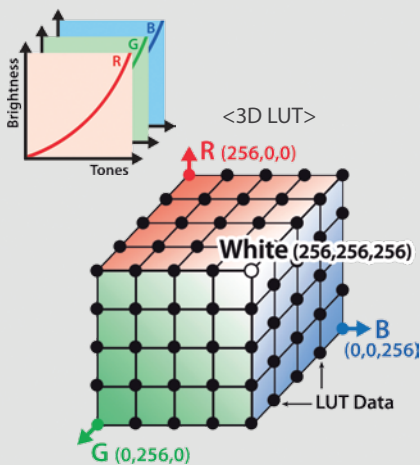


1:1 pixel mapping of 1920x1080 area from  
3840x2160 Video (9 selective areas)

LUM-240G : 3D LUT

- 3D LUT for Accurate Color Reproduction

<Standard LUT>



LUM-240G : 4K Mode  
12G-SDI, 6G-SDI Single Link



- \* 12G-SDI : It supports 4K signals up to 2160/60p
- \* 6G-SDI : It supports 4K signals up to 2160/30p

3G-SDI Quad Link(Quad Mode)



- \* It supports 4K signals up to 2160/60p

3G-SDI Quad Link(2 Sample Interleave Mode)



- \* It supports 4K signals up to 2160/60p

HDMI 2.0 Single Link



- \* It supports 4K signals up to 2160/60p

Single Mode



4K (3840x2160) Video Input



Displays one quadrant (1920x1080) to full fill  
the screen (zoom)

- \* It supports HD signals up to 1080/60p &  
1080/60i

Model	LUM-171G	LUM-240G
<b>Input</b>		
4×BNC	12G-SDI A/B Channel Input, 3G-SDI C/D Channel Input	
1×HDMI	HDMI Input (HDMI 2.0)	
<b>Output</b>		
4×BNC	12G-SDI A/B, 3G-SDI C/D Channel (Active Through Out)	
<b>Input Signal</b>		
12G SDI	12Gb/s	
6G SDI	6Gb/s (~2160/30p)	
3G SDI	2.970Gb/s	
HD-SDI	1.485Gb/s	
HDMI	2160p / 1080p / 720p / 480p	
<b>SDI Input Signal Formats</b>		
SMPTE-425M-A/B	1080p (50/59.94/60)	
SMPTE-274M	1080p (23.98/24/25/29.97/30p/psf)	
SMPTE-296M	720p(60/59.94/50)	
SMPTE ST 2036-1:2009	3840×2160(23.98/24/25/29.97/30/50/59.94/60p)	
SMPTE ST 2048-2:2011	2048x1080(23, 98/24/25/29.97/30p/psf, 47.95/48/50/59.94/60p)	
SMPTE ST 2081	3840x2160 (30/25/24p)	
SMPTE ST 2082	3840x2160 (60/50/30/25/24p)	
Audio IN	Analog Stereo	
Audio OUT	Analog Stereo (Phone Jack)	
Power	DC 24V / AC 100~240V(50~60Hz)	
Power Consumption (Approx.)	48Watts (Max.)	115Watts (Max.)
Operating Temperature	0°C to 35°C (32°F to 95°F)	
Storage Temperature	-20°C to 60°C (-4°F to 140°F)	
Accessory	AC Power Cord / Stand	

\* Specifications may be changed without notice.