

# 12G/ 4K Monitors

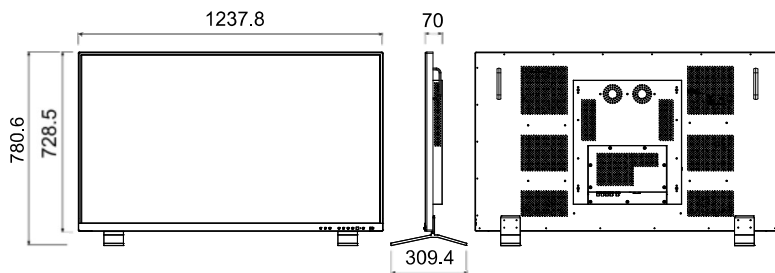
## LUM-550M (UHD)

12G/4K | 36



### Main body Dimensions

- Main Body : 1237.8 x 728.5 x 70 (mm) / 48.73 x 28.68 x 2.76 (inch)
- With stand : 1237.8 x 780.6 x 309.4 (mm) / 48.73 x 30.96 x 12.18 (inch)
- Weight : 31kg / 66.14lbs



### 55" UHD 12G-SDI Monitor

UHD/4K monitor with a 55" native UHD (3840x2160) resolution, true 10-bit driver and multiple color gamut support. Accepts single 12G-SDI, quad 3G-SDI and HDMI 2.0 inputs.



### Product Highlights

- 55", True UHD Resolution (3840×2160)
- 3G-SDI Through out
- High Contrast Ratio of 1100:1
- 1.07 Billion Colors (10bit)
- Wide Viewing Angle
- 4K/ UHD Interface
  - 2× 12G-SDI (Single Link) or 4×3G-SDI in (Quad Link)
  - 1×HDMI 2.0 in (New)
  - 1×12G-SDI out
- 1:1 Pixel Mapping
- Marker
- IRRemote Control
- 3G-SDI Level A/B
- TVLogic Color Calibration Utility
- Firmware Upgrade via USB flash drives
- Audio Level Meter
- Time Code Display
- Ultra Slim Bezel
- HDMI to SDI Conversion

Size	55"
Resolution	3840 x 2160 (16:9)
Pixel Pitch	0.315mm
Color Depth	1.07B (10bit)
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	500cd/m <sup>2</sup> (center)
Contrast Ratio	1100:1
Display Area	1209.6(H) × 680.40(V) mm

### Optional Accessories



Input	
4 x BNC	12G/3G/HD/SD SDI Input 2Ch 3G/HD SDI Input 2Ch
1 x HDMI	HDMI V2.0 Input 1Ch
Output	
1 x BNC	12G/3G/HD/SD SDI Output 1Ch (SDI A/B Selected channel output) 12G Mode : 3840x2160 60p/59.94p/50p (All Input Format Converted to 12G-SDI)

Input Signal	
12G-SDI	12Gb/s
6G-SDI	6Gb/s
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
HDMI	2160p/1080p/720p (HDMI 2.0 ver)

SDI Input Signal Formats	
SMPTE ST2082-10 Mode1	3840x2160 60p/59.94p/50p (12G-SDI x 1Ch)
SMPTE ST2081-10 Mode1	3840x2160 30p/29.97p/25p/24p*/23.98p* (6G-SDI x 1Ch)
SMPTE ST425-5	3840x2160 60p/59.94p/50p (3G-SDI x 4Ch)
SMPTE ST274	3840x2160 30p/29.97p/25p/24p*/23.98p* (HD-SDI x 4Ch)
SMPTE ST425	1920x1080 60p/59.94p/50p (3G-SDI LEVEL A) 1920x1080 60i/59.94i/50i (3G-SDI LEVEL A) 1920x1080 30p/29.97p/25p/24p*/23.98p* (3G-SDI LEVEL B) 1280x720 60p/59.94p/50p (3G-SDI LEVEL B)
SMPTE 274M	1920x1080 30p/29.97p/25p/24p*/23.98p* 1920x1080 60i/59.94i/50i
SMPTE-296M	1280x720 60p/59.94p/50p
SMPTE-259M	720x487.59.94i 720x576 50i

\* 24P/23.97P : 60p/59.94p Frame-rate Converted Display

HDMI Input Signal Formats	
HDMI V2.0	3840x2160 60p/59.94p/50p (RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2 8/10/12bit, YCbCr 4:2:0 8bit)
HDMI V1.4	3840x2160 30p/29.97p/25p/24p*/23.98p* (RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2 8/10/12bit)
HDMI V1.2	1920x1080 60p/59.94p/50p/30p/29.97p/25p/24p*/23.98p* 1920x1080 60i/59.94i/50i 1280x720 60p/59.94p/50p (RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2 8bit)
Audio In	SDI Embedded Audio (Group, Ch Selectable)
Audio Out	External Output Port (3.5mm Phone Jack)
Power	100~240V, 1.3~0.6A/ 50/60Hz
Power Consumption (Approx.)	96Watts (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 / Remote Control / Stand