

# 4K Display LUM-550W (4K)



## Professional 55" UHD Monitor

The LUM-550W is the Ultra High Definition monitor utilizing a 55" UHD(3840x2160) resolution and 10-bit driving LCD panel. It is designed for various industrial applications along with the UHD broadcasting production and post production. The LUM-550W has the same interface with the LUM-300W ; 4x3G-SDI, 4xHDMI and 2xDisplayPorts.

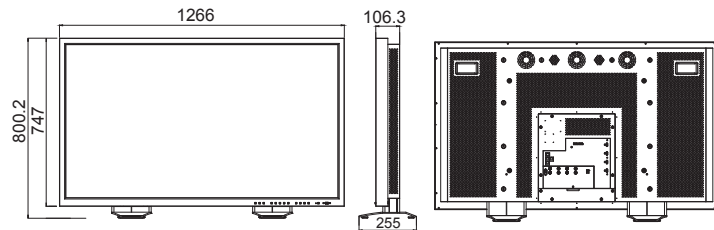


## Product Highlights

- 55" 3840 x 2160 Resolution
- True UHD Resolution of 3840x2160
- 1:1 Pixel Mapping Modes for HD
- Blue Only
- H/V Delay
- Key lock
- Marker
- Mono
- TVLogic Color Calibration Utility
- Single Mode (70% of full screen)

## Main body Dimensions

- Main Body : 1266 x 747 x 106.3 (mm) / 49.84 x 29.4 x 4.18 (inch)
- With stand : 1266 x 800.2 x 255 (mm) / 49.84 x 31.5 x 10 (inch)
- Weight : TBD



## LCD

Size	55"
Resolution	3840 x 2160 (16:9, 1920 x 1080 x 4ch)
Pixel Pitch	0.315mm
Color Depth	1.07B
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	450cd/m <sup>2</sup> (center)
Contrast Ratio	1400:1
Display Area	1209(H) x 680(V) mm

## Input

2 x Displayport	DISPLAY PORT A/B Input
4 x BNC	3G-SDI A/B/C/D Channel Input
4 x HDMI	HDMI A/B/C/D Channel Input

## Output

4 x BNC	3G-SDI A/B/C/D Channel Output (Active Through Out)
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## Input Signal

3G-SDI	2.970Gbps
HD-SDI	1.485Gbps
HDMI / DP	480p / 720p / 1080p / 2160p

## 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)
SMPTE-274M	1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-296M	720p (60/59.94/50)
SMPTE ST 2036-1:2009	3840x2160(23.98/24/25/29.97/30/50/59.94/60p)
SMPTE ST 2048-1:2011	2048x1080(23.98/24/25/29.97/30p/psf, 47.95/48/50/59.94/60p)

Audio OUT	Analog stereo (Phone Jack)
Power	AC 100~240V (50~60Hz)
Power Consumption (Approx.)	247 Watts(Max)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 50°C (-4°F to 122°F)
Accessory	AC Power Cord / Stand

## \*Support Resolution and Frame Rate

HD-SDI Quad link (4K)	4096x2160 / 24p, 25p, 60p 3840x2160 / 24p, 25p, 30p, 50p, 60p	YCbCr 4:2:2 10bit
	4096x2160 (23.98/24/25/29.97/30p/Psf)	
3G-SDI Quad link(4K)	3840x2160(50/59.94/60p) 3840x2160 (23.98/24/25/29.97/30p/Psf)	YCbCr 4:2:2 10bit YCbCr 4:4:4 10/12bit RGB 4:4:4 10/12bit
	4096x2160 (47.95/48/50/59.94/60p)	
3G-SDI 2-Sample Interleave Dual link(4K)	4096x2160 (23.98/24/25/29.97/30p/Psf)	YCbCr 4:4:4 10/12bit RGB 4:4:4 10/12bit
	3840x2160 (23.98/24/25/29.97/30p)	
3G-SDI 2-Sample Interleave Quad link(4K)	3840x2160 (23.98/24/25/29.97/30p)	YCbCr 4:2:2 10bit
	4096x2160 (23.98/24/25/29.97/30p)	
3G-SDI 2-Sample Interleave Quad link(4K)	3840x2160 (23.98/24/25/29.97/30p)	YCbCr 4:4:4 10/12bit RGB 4:4:4 10/12bit
	4096x2160 (47.95/48/50/59.94/60p)	

\* Specifications may be changed without notice.

## Optional Accessories



NOTE : Please refer to the user manual for the supporting video formats.