

LUM-313G (12G/4K/HDR) *New!*



31.1" True 4K Monitor with 12G-SDI & HDMI 2.0

The LUM-313G is a 31.1" native 4K resolution(4096x2160) monitor with maximum luminance of 350nit, contrast ratio of 1500:1, wide color gamut and wide viewing angle. Equipped with 4 BNCs (2x12G-SDI + 2x3G-SDI) and HDMI 2.0 interface, it supports various video formats up to 4K/60p through single-link 12G-SDI, Quad 3G-SDI and HDMI 2.0.

In addition to various professional features such as Waveform monitor and Vectorscope, the LUM-313G provides HDR emulation function with HDR EOTFs of PQ, HLG and SLog3. More camera-specific HDR logs and gamuts will be supported by firmware update.



Size	31.1"
Resolution	4096 x 2160 (17:9)
Pixel Pitch	0.1704mm
Color Depth	1.07B
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	350cd/m ² (center)
Contrast Ratio	1500:1
Display Area	698(H) x 368(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 ver)

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

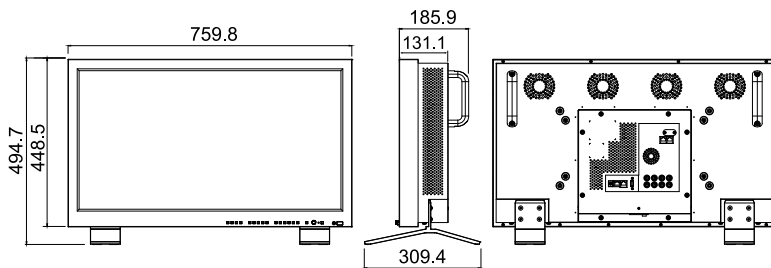
Input Signal	
12G-SDI	12Gb/s
6G-SDI	6Gb/s
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
HDMI	2160p/1080p/720p/480p

SDI Input Signal Formats	
SMPTE ST2082	3840x2160 60/50/30/25/24p
SMPTE ST2081	3840x2160 30/25/24p
SMPTE ST2048-1:2011	2048x1080 30/29.97/25/24/23.98p/psF, 60/59.94/50/48/47.95p
SMPTE ST2036-1:2009	3840x2160 60/59.94/59/30/29.97/25/24/23.98p
SMPTE ST425M-A/B	1080p(50/59.94/60)
SMPTE ST274	1080p(30/29.97/25/24/23.98p/psF)
SMPTE ST296	720p(60/59.94/50)

Audio IN	Embedded Audio / Analog stereo (Phone Jack)
Audio OUT	Analog stereo (Phone Jack)
Power	AC 100~240V(50~60Hz)
Power Consumption(Approx.)	125Watts (Max.)
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Accessory	AC Power Cord / Stand

Main body Dimensions

- Main Body : 759.8 x 448.5 x 131.1(mm) / 29.91 x 17.65 x 5.16(inch)
- With stand : 759.8 x 494.7 x 309.4(mm) / 29.91 x 19.47 x 12.18(inch)
- Weight : 19.4kg / 42.76lbs



Optional Accessories



Product Highlights

- 31.1", True 4K Resolution (4096 x 2160)
- Color gamut covers up to 98% DCI-P3
- HDR emulation function (PQ, HLG, S Log3)
- High Contrast Ratio of 1500:1
- 1.07 Billion Colors (10bit)
- Luminance up to 350cd/m²
- 4K / UHD Interface
 - 2 x 12G-SDI & 2 x 3G-SDI in
 - 4 x SDI out (Active Through Out)
 - 1 x HDMI in (HDMI 2.0)
- TVLogic Color Calibration Utility
- 1:1 Pixel Mapping Modes for SD/HD/FHD
- Wide Viewing Angle
- Time Code Display
- Audio Level Meter
- Blue Only
- Marker
- Focus Assist
- 3D LUT
- H/V Delay
- Mono