



The LUM-242G is a 24 inch UHD resolution (3840 x 2160) monitor with maximum luminance of 500nit, contrast ratio of 1,200:1, wide color gamut and wide viewing angle. Equipped with 4 BNCs (2×12G-SDI + 2×3G-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-242G provides HDR emulation function with HDR EOTFs of PQ, HLG and SLog3.

Overview

LUM-242G

24" 4K/ UHD HDR Emulation Monitor

24-inch UHD monitor offers an outstanding picture quality with 12G-SDI interface. LUM-242G provides HDR emulation function with HDR EOTFs of PQ, HLG and SLog3 and offers fast color standard switching speed.

Why LUM-242G ?



HDR Emulation

HDR EOTFs of
PQ, HLG and SLog3



Wide Color Gamut

Color gamut covers
up to DCI-P3 98%



12G-SDI

12G-SDI Single Link



3D LUT

Supports 3D LUT for
accurate color reproduction



True UHD

Native UHD Resolution
(3840 × 2160)



Convenient

Supports
Various Professional Features

Professional Features

- 24", True UHD Resolution (3840x2160)
- Max Luminance 500cd/m²
- Color Gamut Covers up to DCI-P3 98%
- Improved Color Standard Switching Speed
- HDR Emulation (PQ, HLG, S-Log3)
- TVLogic Color Calibration Utility
- 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)

Detail

Dimension

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

Accessories

- AC Power Cable
- Stand
- ND Filter
- Carrying Case
- V-Mount / G-Mount
- Rack Mount Kit (Single)

Monitor

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[4K/UHD Monitors](#)
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Display Specification

Size	24"
Resolution	3840 x 2160 (16:9)
Pixel Pitch	0.137mm
Color Depth	1.07B
Viewing Angle	178°(H) / 178°(V)
Luminance	500cd/m ²
Contrast Ratio	1,200:1
Display Area	526(H) X 296(V) mm

Input

4 X BNC	12G-SDI A/B Channel Input, 3G-SDI C/D Channel Input
1 X HDMI	HDMI Input

Output

4 X BNC	12G-SDI A/B, 3G-SDI C/D Channel (Loop Through Out)
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Input Signal

3G SDI	2.970Gbps
12G SDI	11.880Gbps
HD SDI	1.485Gbps
SD SDI	270Mb/s
HDMI	480i/480p/576i/576p/720p/1080i/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) / 1080i (60/59.94/54)
SMPTE 296	720p (60/59.94/54)
SMPTE 274	1080i (60 / 59.94 / 50) 1080p (30/29.97/25/24/24sF/23.98/23.102sF)
SMPTE 260	47.95/48/50/59.94/60p)

Audio

Audio In	Embedded Audio/Analog Stereo (Phone Jack)
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FPGA Functions

, 3G-SDI Level A/B, Audio Level Meter Display, Blue Only, Focus Assist, H/V Delay, Key Lock, Luma(Y') Zone Check, Marker, Max Brightness On/Off, Mono, Range Error, Time Code Display, UMD, User Aspect, Various Scan Modes, Waveform/Vector, SingleMode

Closed Caption

CC-608 ANC, CC-608 LINE 21, CC-708

Calibration

TVLogic Color Calibration Utility, 3D LUT & Adjustable Gamma, 3rd Party 3D LUT Import

Other Functions

REMOTE	GPI (RJ45)
REMOTE	TVLogic's specification
USB	Firmware update by USB memory stick
Ethernet	Ethernet Control support

Options

Stand, Carrying Case, ND Acrylic Filter, Rack Mount Kit(Single), V-Mount

Dimensions

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

