

# 2019 Line-Up for Broadcast Display

Multi-Format Broadcast and Professional Monitors



**F-5A**  
5.5-inch LCD Field Monitor

**TVlogic**<sup>®</sup> Always ON-AIR



# 2019 TVLogic Product Line-up

	F-Series	RKM/R-Series	LVM	S-Series	LUM
3"~		535A 443A			
5"~	VFM-055A F-5A <i>New</i>	R-5T <i>New</i>			
7"~	F-7H F-7H mk2 <i>New</i>	270A	075A		
9"~	F-10A <i>New</i>	290A	095W-N		
17"~			170A 171A 171S		171G
20"~			212W		
23"~			232W-A 241S 246W		242G <i>New</i> 242H <i>New</i>
30"~			328W		313G 318G 310R <i>Rev</i> 310X <i>New</i>
40"~				S-46P <i>New</i>	430M 430M2 <i>New</i> 550M 550M2 <i>New</i>

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\* All monitor specifications may be changed without notice.

# Solutions for All Creation

## Industry-Leading Video Processing

TVLogic monitors integrate our proprietary Advanced Digital Signal Processing Algorithms with an unparalleled video processing, scaling and deinterlacing architecture to provide superior video quality and accurate picture reproduction for every monitor in TVLogic's extensive product line.

## Leading the 4K/UHD HDR era

TVLogic has introduced world's first 4K monitors with 12G-SDI interface in 2015, and now offers broader range of 4K / UHD monitor line up from 17" to 55". LUM Series monitors are all equipped with 12G-SDI input & output and HDMI 2.0 Input. Based on the latest color processing technology, TVLogic LUM Series provide simple and easy access to standard setups - HD, UHD, DCI and new HDR standard (BT.2100) PQ & HLG.

## High-Quality Service, Always!

TVLogic has been one of the best trusty friend for customers not only with quality products, but also with quality service. Now we provide even faster and better service through TVLogic Qualified Service Centers (TQSC) all around the world.





### Full Line-up for Professionals

TVLogic provides full range of monitors from 5.5" field production monitor up to 55" UHD OLED monitor. Popular VFM-Series monitors for camera crews are now evolving into new F-Series with robust & user-friendly design, improved picture quality, best-in-class high luminance, and new features for HDR production.

LVM Series are reinforced with new 17" and 24" with upgraded video processing power, faster & easier control via new central processor, and HDR features based on TVLogic's unique processing technology. LUM Series are designed for the 4K/UHD production and post production with best-in-class picture quality, 12G-SDI & HDMI 2.0 interface, supporting various standard video formats, and HDR features.

### Color Management for SDR/HDR production

TVLogic recently acquired color management business based on Fuji Film's unique technology and now introduces its first collaboration of IS-mini4K, a world's first 4K LUT box with 12G-SDI and HDMI 2.0 interface. The most powerful LUT creating software - WonderLook Pro is provided for free to all IS-mini, IS-miniX and IS-mini4K users. Real-time LUT control will bring new possibility to all SDR & HDR creators.

# Line-up for Broadcast Display



## F-Series

As a standard field monitor, new F-series monitors upgraded are replacing perfect VFM-series with advanced features, neat and easy controllable design, better picture, quality and more reasonable price.

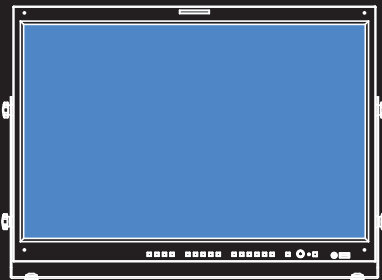
New line-up for F-series are F-5A, F-7H, F-7H mk2 and F-10A with outstanding brightness, sharpness, preset touch keys and capture & Image Overlay.



## RKM/R- Series

With new model of RKM-356A, the best line-up for five rack-mountable monitors is coming up. R-5T, a new model of RKM-356A, offers 12G-SDI capability and HDMI 2.0 supportive for 4K HDR.

All other models offer 3G-SDI and professional features such as Audio Level Meter, Timecode Display, Blue Only, H/V Delay, Marker, User Aspect and Waveform&Vectorscope.



## LVM Series

LVM Series offer wide selection of size –the 7", 9", 17", 21.5", 23", 24" and 32" with native Full HD 1920x1080 resolution and 3G-SDI & HDMI interface.

All models support professional features such as Markers, Aspect Ratio, Audio Level Meter, Blue Only, Time Code, Waveform & Vectorscope, and automatic calibration with free TVLogic software.



## LUM Series

LUM Series, a Line up for 4K/UHD monitors, offer various size – 17", 24", 31"(4 models), 43" and 55" with 4K/UHD resolution, 12G-SDI & HDMI 2.0 interface.

All models support single 12G/6G/3G-SDI, Quad Link 3G-SDI and Quad 2-Si (2-sample interleave division) and HDR.



## S- Series

S-Series are designed to provide the best efficiency to broadcast professionals. Along with the traditional interface of SDI, HDMI and DVI, the optical fiber broadened the range of professional usage.

S-46P offers selectable output and support Ember(Lawo)+ protocol to remotely connect and control monitors.

All other professional features are supportive with new S-46P.

# Any Size. Any Source. Any Place.

# NextoDI, Portable Backup Storage for Professionals



## NPS-10 *New*

- The true partner for photo & video shooters
- The lightest & smallest but fastest & safest
- 2×SD, 1×MicroSD + XQD (or CF or CFast)
- Embedded battery for 2TB back up on SSD
- 2.5" SATA 2TB SSD or HDD (not included)



## NCB-20

Simultaneous Backup for Multiple cards

## NVS-2801-Plus

All-in-One Backup Solution for field production



# IS-mini 4K, 4K video color processors for SDR & HDR production

## IS-mini 4K *New*

- 12G-SDI In & 12G-SDI bypass Out
- 12G-SDI Out (color conversion)
- HDMI 2.0 Out (color conversion)
- 26x26x26 3D LUT
- Triangular Pyramid Interpolation
- Free License for WonderLook Pro
- Supports 3rd Party software

## WonderLook Pro

- Real-time LUT creation software
- Various Color Format Conversion
- Color Profile Database for Cameras
- Various Rendering & User Color Correction
- Camera Control & Monitor Calibration
- Multiple IS-mini Control
- Free License for IS-mini Users



	VFM-055A	F-5A	F-7H	F-7H mk2	F-10A	LVM-075A
Size / Resolution	5.5" / 1920x1080	5.5" / 1920x1080	7" / 1920x1080	7" / 1920x1080	10" / 1920x1080	7" / 1920x1080
Max Brightness	350 nits	500 nits	3,600 nits	3,600 nits	300 nits	600 nits
Fast Mode	●	●	●	●	●	×
Camera LUT	●	●	●	●	●	●
HDR Emulation	●	●	●	●	●	×
3G-SDI Level A/B	●	●	●	●	●	●
Audio Level Meter Display	●	●	●	●	●	●
Blue Only	●	●	●	●	●	●
Focus Assist	●	●	●	●	●	●
H/V Delay	●	●	●	●	●	●
Key Lock	●	●	●	●	●	●
Luma(Y') Zone Check	●	●	●	●	●	●
Marker	●	●	●	●	●	●
Mono	●	●	●	●	●	●
Range Error	●	●	●	●	●	●
Time Code Display	●	●	●	●	●	●
UMD	●	●	●	●	●	●
User Aspect	●	●	●	●	●	●
Various Scan Modes	●	●	●	●	●	●
Waveform / Vectorscope	●	●	●	●	●	●
Zoom	●	●	●	●	●	●
PBP	×	×	×	×	×	×
CC-608 ANC	×	×	×	×	×	●
CC-608 LINE 21	×	×	×	×	×	●
CC-708	×	×	×	×	×	●
CC-KOR	×	×	×	×	×	×
OP42	×	×	×	×	×	×
OP47	×	×	×	×	×	×
Various Quad Display Modes	×	×	×	×	×	×
3D LUT	●	●	●	●	●	×
Color Gamut	Rec709, DCI, Rec2020	Rec709, DCI, Rec2020	Rec709, DCI, Rec2020	Rec709, DCI, Rec2020	Rec709, DCI, Rec2020	Rec709
Adjustable Gamma	●	●	●	●	●	Adjustable 2.2/2.4
3rd Party LUT Import	●	●	●	●	●	×
Uniformity Correction	×	×	×	×	×	×
H/V Flip	●	●	●	●	●	●
Auto Flip	×	●	×	●	●	×
ARRI Metadata	●	●	●	●	●	×
Split Zoom	●	●	●	●	●	×
Preset	×	×	×	●	×	×
Eco Mode	×	●	●	●	●	●
Sharpness + Peaking Boost	●	●	●	●	●	×
Cross Conversion	●	●	●	●	●	HDMI to SDI
Grid	●	●	●	●	●	×
Anamorphic Desqueeze	×	×	×	×	●	×

	LVM-095W-N
Size / Resolution	9" / 1920x1080
Max Brightness	400 nits
Fast Mode	×
Camera LUT	●
HDR Emulation	×
3G-SDI Level A/B	●
Audio Level Meter Display	●
Blue Only	●
Focus Assist	●
H/V Delay	●
Key Lock	●
Luma(Y') Zone Check	●
Marker	●
Mono	●
Range Error	●
Time Code Display	●
UMD	●
User Aspect	●
Various Scan Modes	●
Waveform / Vectorscope	●
Zoom	●
PBP	×
CC-608 ANC	●
CC-608 LINE 21	●
CC-708	●
CC-KOR	●
OP42	×
OP47	×
Various Quad Display Modes	×
3D LUT	×
Color Gamut	Rec709
Adjustable Gamma	Adjustable 2.2/2.4
3rd Party LUT Import	×
Uniformity Correction	×
H/V Flip	●
Auto Flip	×
ARRI Metadata	×
Split Zoom	×
Preset	×
Eco Mode	●
Sharpness + Peaking Boost	×
Cross Conversion	HDMI to SDI
Grid	×
Anamorphic Desqueeze	×

# Field Monitor

VFM-055A (OLED)

F-10A

F-5A

LVM-075A

F-7H

LVM-095W-N

F-7H mk2

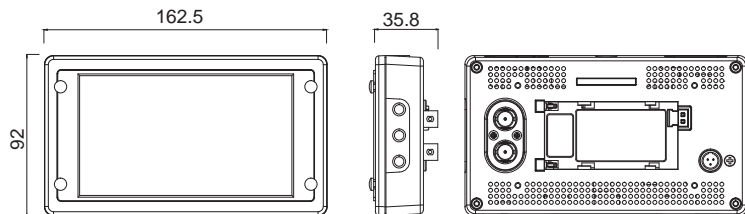
# VFM-055A 5.5" Full HD OLED Viewfinder Monitor



## Main Body Dimensions

**Main Body** 162.5 x 92 x 27.6 (mm) / 6.39 x 3.6 x 1.11 (inch)

**Weight** 0.42kg / 0.92lbs



## Optional Accessories



## Product Highlights

- 5.5" Full HD Resolution (1920x1080)
- State-of-the-art AM-OLED Technology
- Contrast Ratio of 17,000:1
- Excellent Sharpness
- Peaking Boost
- Camera LUTs support
- HDMI ↔ SDI cross conversion
- Built-in battery bracket (Sony L-series)
- Luma(Y) Zone Check
- Zoom
- Waveform / Vectorscope
- H/V Flip
- HDR emulation
- Split Zoom
- Arri Metadata
- Focus Assist
- Custom 3D LUT import
- Anamorphic Desqueeze

<b>Size</b>	5.5"
<b>Resolution</b>	1920 x 1080 (16 : 9)
<b>Pixel Pitch</b>	0.063mm
<b>Color Depth</b>	16.7M
<b>Viewing Angle (Typ.)</b>	160°(H) / 160°(V)
<b>Luminance (Max.)</b>	350cd/m <sup>2</sup> (Typ.)
<b>Contrast Ratio</b>	17000:1
<b>Display Area</b>	121(H) × 68(V) mm
<b>Input</b>	
1 x BNC	SDI Input
1 x HDMI	HDMI(1.3) Input
<b>Output</b>	
1x BNC	SDI Output, HDMI to SDI conversion
1x HDMI	HDMI Output, SDI to HDMI conversion
<b>Input Signal</b>	
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
HDMI	1080p(60/59.94/50/30/25/24/23.98)/1080i(60/59.94/50)/720p(60/50)/480i(60)/480p(60)/576i(50)/576p(50)/640x480/720x400/800x600/1280x1024
<b>SDI Input Signal Formats</b>	
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	1080i (60/59.94/50) 1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-296M	720p (60/59.94/50)
SMPTE-260M	1035i (60/59.94)
SMPTE-125M	480i (59.94)
ITU-R BT.656	576i (50)
<b>Audio In</b>	Embedded Audio
<b>Audio Out</b>	Analog Stereo (Phone Jack)
<b>Power</b>	DC 12V
<b>Power Consumption (Approx.)</b>	10Watts (Max.)
<b>Operating Temperature</b>	0°C to 45°C (32°F to 113°F)
<b>Storage Temperature</b>	-20°C to 60°C (-4°F to 140°F)
<b>Basic Accessory</b>	D-Tap Cable Camera Mount / Acrylic Protector L-Type BNC Connector

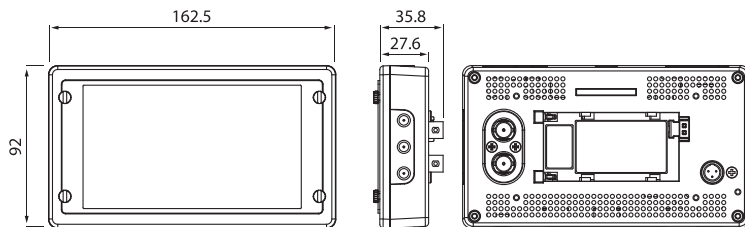
# F-5A *New* 5.5" Fully-Featured Field Monitor with FHD IPS-LCD



## Main Body Dimensions

Main Body 162.5 x 92 x 27.6 (mm) / 6.39 x 3.6 x 1.11 (inch)

Weight 0.42kg / 0.92 lbs



## Optional Accessories



## Product Highlights

- 5.5" Full HD Resolution (1920x1080)
- Anti Glare (F-5A\_AG)
- Excellent Sharpness
- Peaking Boost
- Camera LUTs support
- HDMI ↔ SDI cross conversion
- Built-in battery bracket (Sony L-series)
- Luma(Y') Zone Check
- Zoom
- Waveform / Vectorscope
- H/V Flip
- Auto Flip
- HDR emulation
- Split Zoom
- Arri Metadata
- Focus Assist
- Custom 3D LUT import
- Anamorphic Desqueeze
- Grid
- Fast mode

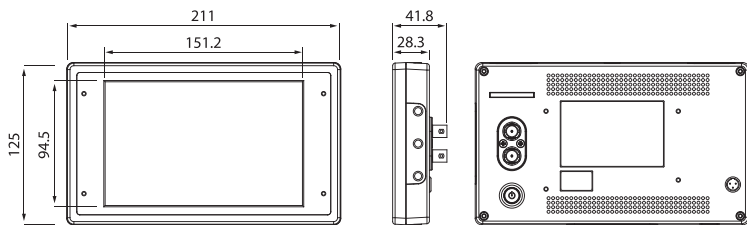
Size	5.5"
Resolution	1920 x 1080 (16 : 9)
Pixel Pitch	0.0213(W)×0.0639(H)mm
Color Depth	16.7M
Viewing Angle (Typ.)	160°(H) / 160°(V)
Luminance (Max.)	500cd/m <sup>2</sup>
Contrast Ratio	1000:1
Display Area	122.7(H)×69.0(V) mm
<b>Input</b>	
1 x BNC	SDI Input
1 x HDMI	HDMI(1.3) Input
<b>Output</b>	
1x BNC	SDI Output, HDMI to SDI conversion
1x HDMI	HDMI Output, SDI to HDMI conversion
<b>Input Signal</b>	
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
HDMI	1080p(60/59.94/50/30/25/24/23.98)/1080i(60/59.94/50)/720p(60/50)/
<b>SDI Input Signal Formats</b>	
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	1080i (60/59.94/50) 1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-296M	720p (60/59.94/50)
SMPTE-125M	480i (59.94)
ITU-R BT.656	576i (50)
Audio In	Embedded Audio
Audio Out	Analog Stereo (Phone Jack)
Power	DC 12V 12V 0.65A / 34V 0.27A
Power Consumption (Approx.)	10Watts
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Basic Accessory	D-Tap Cable Camera Mount L-Type BNC Connector

# F-7H The Brightest 7" Field Monitor with Enhanced Sharpness



## Main Body Dimensions

**Main Body** 211 x 125 x 28.3 (mm) / 8.3 x 4.95 x 1.11 (inch)  
**Weight** 0.76kg / 1.68lbs



## Optional Accessories



## Product Highlights

- 7" Full HD Resolution (1920 x 1080)
- Luminance up to 3,600cd/m<sup>2</sup>
- Excellent Sharpness
- Peaking Boost
- Waveform/ Vectorscope
- H/V Flip
- HDR Emulation (PQ, HLG, S Log 3)
- Split Zoom
- Arri Metadata
- Focus Assist
- Custom 3D LUT Import
- Anamorphic Desqueeze
- Camera LUTs support
- HDMI ↔ SDI cross conversion
- Luma(Y') Zone Check
- Zoom

<b>Size</b>	7"
<b>Resolution</b>	1920 x 1080 (16 : 9)
<b>Pixel Pitch</b>	0.078(H)×0.078(V)mm
<b>Color Depth</b>	16.7M
<b>Viewing Angle (Typ.)</b>	160°(H) / 160°(V)
<b>Luminance (Max.)</b>	3600cd/m <sup>2</sup>
<b>Contrast Ratio</b>	1200:1
<b>Display Area</b>	151.2(H)×94.5(V)mm
<b>Input</b>	
1 x BNC	SDI Input
1 x HDMI	HDMI Input
<b>Output</b>	
1x BNC	SDI Output, HDMI to SDI conversion
1x HDMI	HDMI Output, SDI to HDMI conversion
<b>Input Signal</b>	
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
HDMI	1080p(60/59.94/50/30/25/24/23.98) / 1080i(60/59.94/50) / 720p(60/50) / 480i(60)/480p(60) / 576i(50)/576p(50)
<b>SDI Input Signal Formats</b>	
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	1080i (60/59.94/50) 1080p (30/29.97/25/24/24sF/23.98/23.8sF)
SMPTE-296M	720p (60/59.94/50)
SMPTE-125M	480i (59.94)
ITU-R BT.656	576i (50)
2K Format	2048×1080p(24/24sF/23.98/23.98sF)
Audio In	Embedded Audio
Audio Out	Analog Stereo (Phone Jack)
Power	DC 12V
Power Consumption (Approx.)	22 Watts (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)
Basic Accessory	D-Tap Cable Camera Mount L-Type BNC Connector

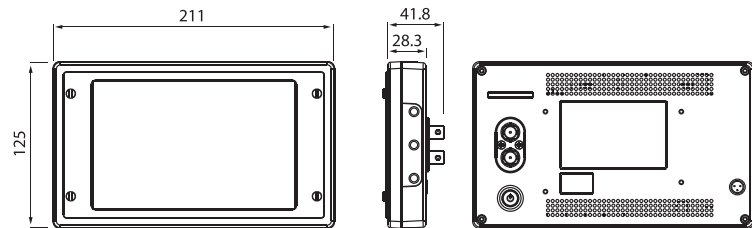
# F-7H mk2 *New* The Brightest 7" Field Monitor with Preset Touch Key



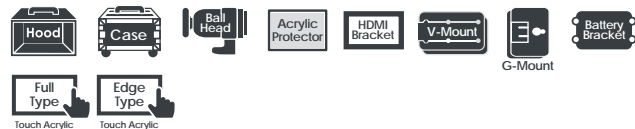
## Main body Dimensions

**Main Body** 211 x 125 x 28.3 (mm) / 8.3 x 4.95 x 1.11 (inch)

**Weight** 0.8kg / 1.76 lbs



## Optional Accessories



## Product Highlights

- 7" Full HD Resolution (1920 x 1080)
- Luminance up to 3,600cd/m<sup>2</sup>
- Preset Touch Key pad
- Excellent Sharpness
- Peaking Boost
- Anti Glare (F-7H mk2\_AG)
- Waveform/ Vectorscope
- H/V Flip
- Auto Flip
- HDR Emulation (PQ, HLG, S Log 3)
- Split Zoom
- Arri Metadata
- Focus Assist
- Custom 3D LUT Import
- Anamorphic Desqueeze
- Camera LUTs support
- HDMI ↔ SDI cross conversion
- Luma(Y') Zone Check
- Zoom

<b>Size</b>	7"
<b>Resolution</b>	1920 x 1080 (16 : 9)
<b>Pixel Pitch</b>	0.078(H)×0.078(V)mm
<b>Color Depth</b>	16.7M
<b>Viewing Angle (Typ.)</b>	160°(H) / 160°(V)
<b>Luminance (Max.)</b>	3600cd/m <sup>2</sup>
<b>Contrast Ratio</b>	1200:1
<b>Display Area</b>	151.2(H)×94.5(V)mm

Input	
1 x BNC	SDI Input
1 x HDMI	HDMI Input

Output	
1x BNC	SDI Output, HDMI to SDI conversion
1x HDMI	HDMI Output, SDI to HDMI conversion

Input Signal	
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
HDMI	1080p(60/59.94/50/30/25/24/23.98) / 1080i(60/59.94/50) / 720p(60/50) / 480i(60)/480p(60) / 576i(50)/576p(50)

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	1080i (60/59.94/50) 1080p (30/29.97/25/24/24sF/23.98/23.8sF)
SMPTE-296M	720p (60/59.94/50)
SMPTE-125M	480i (59.94)
ITU-R BT.656	576i (50)
2K Format	2048×1080p(24/24sF/23.98/23.98sF)

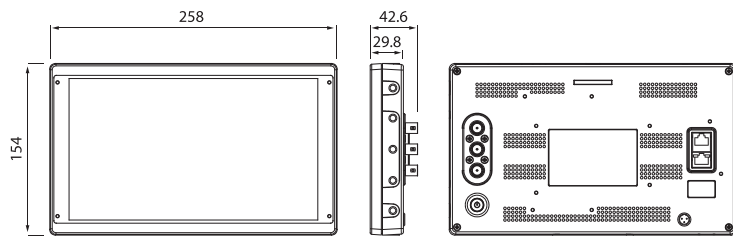
<b>Audio In</b>	Embedded Audio
<b>Audio Out</b>	Analog Stereo (Phone Jack)
<b>Power</b>	DC 12V 1.8A / 34V 0.6A
<b>Power Consumption (Approx.)</b>	22 Watts (Max.)
<b>Operating Temperature</b>	0°C to 45°C (32°F to 113°F)
<b>Storage Temperature</b>	-20°C to 60°C (-4°F to 140°F)
<b>Basic Accessory</b>	D-Tap Cable Camera Mount L-Type BNC Connector

# F-10A *New* 10" FHD HDR Field Monitor with 3G-SDI & HDMI 2.0



## Main Body Dimensions

**Main Body** 258 x 154 x 29.8(mm) / 10.15 x 6.06 x 1.17(inch)  
**Weight** 1.3kg / 2.86lbs



## Product Highlights

- 10" Full HD Resolution (1920 x 1080)
- HDR Emulation (PQ, HLG, Slog3)
- Camera LUTs Support
- ARRI Metadata display
- Scan / Anamorphic Desqueeze / Zoom / Split zoom
- 3x3G-SDI (1xSelectable I/O)
- HDMI 2.0 to 3G-SDI conversion
- Image Overlay / Capture
- H/V Flip
- Auto Flip
- Luma(Y) Zone Check
- Waveform/Vectorscope
- Firmware Update / Color Calibration through USB

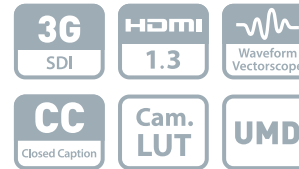
## Optional Accessories



<b>Size</b>	10"
<b>Resolution</b>	1920 x 1080 (16 : 9)
<b>Pixel Pitch</b>	0.11475(H) x 0.11475(V) mm
<b>Color Depth</b>	16.7M
<b>Viewing Angle (Typ.)</b>	160°(H) / 160°(V)
<b>Luminance (Max.)</b>	300cd/m <sup>2</sup>
<b>Contrast Ratio</b>	1000:1
<b>Display Area</b>	220.32mm(H) x 123.93(V) mm
<b>Input</b>	
2 x BNC	3G-SDI (1 x Selectable I/O)
1 x HDMI	HDMI 2.0 Input
<b>Output</b>	
2 x BNC	3G SDI (1 x Selectable I/O) HDMI to SDI conversion output
1 x HDMI	HDMI 1.3 Output, SDI to HDMI conversion output
<b>Input Signal</b>	
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
HDMI	2160p(60/30)/1080p(60/59.94/50/30/25/24/23.98)/1080i(60/59.94/50)/720p(60/50)/480i(60)/480p(60)/576i(50)/576p(50)
<b>SDI Input Signal Formats</b>	
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	1080i (60/59.94/50) 1080p (30/29.97/25/24/24sF/23.98/23.8sF)
SMPTE-296M	720p (60/59.94/50)
SMPTE-125M	480i (59.94)
ITU-R BT.656	576i (50)
2K Format	2048x1080p(24/24sF/23.98/23.98sF)
<b>Audio In</b>	Embedded Audio
<b>Audio Out</b>	Analog Stereo (Phone Jack)
<b>Power</b>	DC 12V 1.2A / 34V 0.4A
<b>Power Consumption (Approx.)</b>	14 Watts (Max.)
<b>Operating Temperature</b>	0°C to 45°C (32°F to 113°F)
<b>Storage Temperature</b>	-20°C to 60°C (-4°F to 140°F)
<b>Basic Accessory</b>	D-Tap Cable Camera Mount L-Type BNC Connector

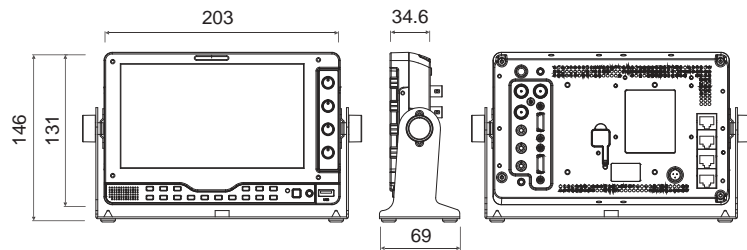


# LVM-075A 7" SD/HD/3G-SDI Multi Format Monitor



## Main Body Dimensions

**Main Body** 203 x 131 x 34.6 (mm) / 8 x 5.16 x 1.36 (inch)  
**With Stand** 240 x 146 x 69 (mm) / 9.44 x 5.74 x 2.72 (inch)  
**Weight** 1.04kg / 2.29lbs



## Optional Accessories



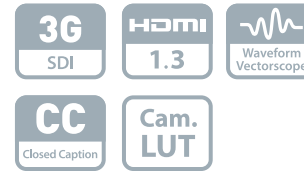
## Product Highlights

- 7" 1920 x 1080 Resolution
- HDMI to SDI conversion
- 1:1 Pixel Mapping Modes for SD/HD/FHD
- Waveform/Vectorscope
- CC-608 LINE 21/ANC, CC-708
- Focus Assist
- H/V Flip
- Luma(Y) Zone Check
- Zoom
- Camera LUTs Support

<b>Size</b>	7"
<b>Resolution</b>	1920X1080 (16:9)
<b>Pixel Pitch</b>	0.081mm
<b>Color Depth</b>	16.7M
<b>Viewing Angle (Typ.)</b>	170°(H)/170°(V)
<b>Luminance (Max.)</b>	600cd/m <sup>2</sup>
<b>Contrast Ratio</b>	800:1
<b>Display Area</b>	155(H) X 87(V)mm

Input	
1 x HDMI	HDMI Input
3 x RCA	Analog Video Input
2 x BNC	SDI 2 Channel Input
Output	
1 x BNC	SDI Channel Output (Loop Through Out) / HDMI to SDI conversion output
1 x HDMI	HDMI (Loop Through Out)
Input Signal	
Analog	CVBS / S-Video / Component Video
3G-SDI	2.97Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
HDMI	1080p (24/25/30/50/60)/1080i(50/60)/720p(50/60)/480i(60)/480p(60)/576i(50)/576p(50)
Analog Input Specification	
CVBS	1.0Vp-p (With Sync) NTSC. PAL
S-Video	1.0Vp-p (Y With Sync), 0.286/0.300 Vp-p (Chroma)
Component Video	1.0Vp-p (Y With Sync), ±350mV (Pb,Pr)
SDI Input Signal Formats	
SMPT-425M-A/B	1080p (60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF) / 1080i (60/59.94/50)
SMPT-274M	1080i (60/59.94/50) 1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPT-296M	720p (60/59.94/50)
SMPT-260M	1035i (60/59.94)
SMPT-125M	480i (59.94)
ITU-R BT.656	576i (50)
Audio IN	Embedded Audio / Analog stereo (Phone Jack)
Audio OUT	Analog stereo (Phone Jack) / Internal Speaker (Mixed Mono)
Power	DC 12V
Power Consumption (Approx.)	20Watts (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)
Basic Accessory	AC Power Cord / DC Power Adaptor / Camera Mount / Stand

# LVM-095W-N 9" FHD Multi-Purpose Monitor



Size	9"
Resolution	1920 x 1080 ( 16 : 9 )
Pixel Pitch	0.1035mm
Color Depth	16.7M
Viewing Angle (Typ.)	176°(H) / 176°(V)
Luminance (Max.)	400cd/m <sup>2</sup>
Contrast Ratio	750:1
Display Area	198(H) x 111(V) mm

### Input

2 x BNC	SDI A/B Channel Input
1 x HDMI	HDMI Input

### Output

1 x BNC	SDI A/B Selectable Output / HDMI to SDI conversion output
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### Input Signal

Analog	CVBS (SDI B Channel)
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
HDMI (PC & HDMI mode)	1080p (23.98/24/25/30/50/59.94/60)/1080i(50/59.94/60)/720p(50/60)480i(60)/480p(60)/576i(50)/576p(50)640x480/720x400/800x600/1024x768/1280x768/1280x1024/1366x768

### Analog Input Specification

CVBS	1.0Vp-p (With Sync) NTSC. PAL
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### 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	1080i (60 / 59.94 / 50)
	1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-296M	720p (60/59.94/50)
SMPTE-260M	1035i (60/59.94)
SMPTE-125M	480i (59.94)
ITU-R BT.656	576i (50)
2K Format	2048 x 1080p (24/24sF/23.98/23.98sF)

Audio In	Embedded Audio / Analog stereo (Phone Jack)
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Audio Out	Analog stereo (Phone Jack) / Internal Speaker (Mixed Mono)
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Power	DC 12V / 24V
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Power Consumption (Approx.)	DC 24 Watts (Max. 2A)
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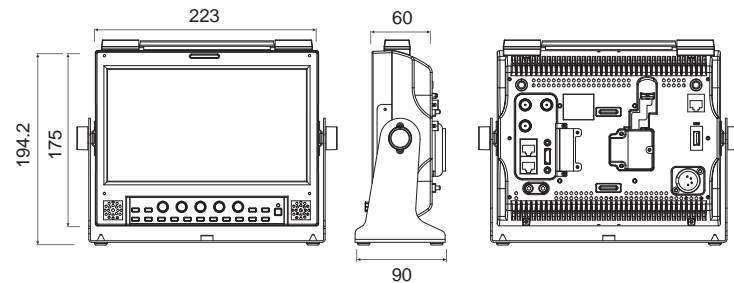
Operating Temperature	0°C to 45°C (32°F to 113°F)
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Storage Temperature	-20°C to 60°C (-4°F to 140°F)
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Basic Accessory	DC Power Adaptor Camera Mount / Handle / Stand
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## Main Body Dimensions

**Main Body** 223 x 175 x 60 (mm) / 8.78 x 6.89 x 2.36 (inch)  
**With Stand** 260 x 194.2 x 90 (mm) / 10.24 x 7.65 x 3.54 (inch)  
**Weight** 2.1Kg / 4.63lbs



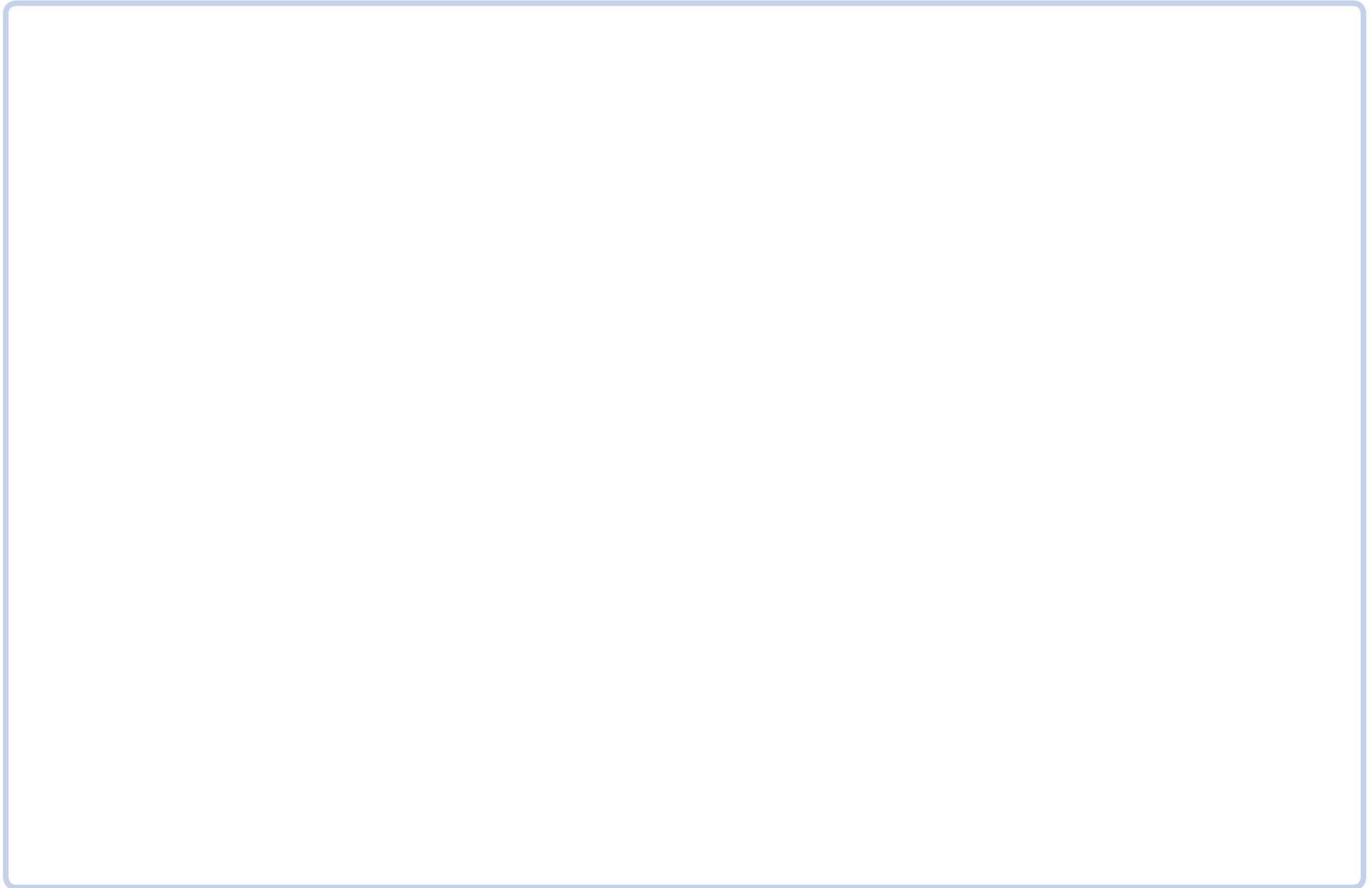
## Product Highlights

- 9" 1920 x 1080 Resolution
- Luma(Y) Zone Check
- Waveform/Vectorscope
- Focus Assist
- H/V Flip
- Zoom
- Camera LUTs Support
- CC-608 LINE 21/ANC, CC-708

## Optional Accessories



## Memo



	LVM-170A	LVM-171A	LVM-171S	LVM-212W	LVM-232W-A	LVM-246W	LVM-241S
Size	17.3"	16.5"	16.5"	21.5"	23"	24"	24"
Resolution	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080	1920x1200	1920x1200
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:10	16:10
Color	16.7 M	1.07 B	1.07 B	16.7 M	16.7 M	16.7 M	1.07 B
Viewing Angle	170°(H) / 170°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)
Luminance max.	300 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>
Contrast Ratio	800:1	1500:1	1500:1	1000:1	1000:1	1000:1	1500:1
Fast Mode	×	×	×	×	×	×	●
Camera LUT	●	●	●	×	×	×	●
HDR Emulation	×	×	●	×	×	×	●
3G-SDI Level A/B	●	●	●	●	●	●	●
Audio Level Meter Display	●	●	●	●	●	●	●
Blue Only	●	●	●	●	●	●	●
Focus Assist	●	●	●	●	●	●	●
H/V Delay	●	●	●	●	●	●	●
Key Lock	●	●	●	●	●	●	●
Luma(Y') Zone Check	●	●	●	●	●	×	●
Marker	●	●	●	●	●	●	●
Mono	●	●	●	●	●	●	●
Range Error	●	●	●	●	●	●	●
Time Code Display	●	●	●	●	●	●	●
UMD	●	●	●	●	●	●	●
User Aspect	●	●	●	●	●	●	●
Various Scan Modes	●	●	●	●	●	●	●
Waveform / Vectorscope	●	●	●	●	●	●	●
Zoom	●	●	●	●	●	×	●
PBP	×	×	●	×	×	×	●
CC-608 ANC	●	●	●	●	●	●	●
CC-608 LINE 21	●	●	●	●	●	●	●
CC-708	●	●	●	●	●	●	●
CC-KOR	×	×	●	×	×	×	●
OP42	×	×	TBD	●	×	×	TBD
OP47	×	×	TBD	●	×	×	TBD
Various Quad Display Modes	×	×	×	×	×	×	×
3D LUT	×	×	●	×	×	×	●
Color Gamut	Rec709	Rec709	Rec709, SMPTE-C, EBU, DCI, Rec2020	Rec709	Rec709	Rec709	Rec709, SMPTE-C, EBU, DCI, Rec2020
Adjustable Gamma	Adjustable 2.2/2.4	Adjustable 2.2/2.4	Adjustable 1.0~3.0	Adjustable 2.2/2.4	Adjustable 2.2/2.4	Adjustable 2.2/2.4	Adjustable 1.0~3.0
3rd Party LUT Import	×	×	●	×	×	×	●
Uniformity Correction	×	×	×	×	×	×	×

	LVM-328W
Size	31.5"
Resolution	1920x1080
Aspect Ratio	16:9
Color	16.7 M
Viewing Angle	178°(H) / 178°(V)
Luminance max.	400 cd/m <sup>2</sup>
Contrast Ratio	1200:1
Fast Mode	●
Camera LUT	×
HDR Emulation	×
3G-SDI Level A/B	●
Audio Level Meter Display	●
Blue Only	●
Focus Assist	●
H/V Delay	●
Key Lock	●
Luma(Y') Zone Check	×
Marker	●
Mono	●
Range Error	●
Time Code Display	●
UMD	●
User Aspect	●
Various Scan Modes	●
Waveform / Vectorscope	●
Zoom	×
PBP	●
CC-608 ANC	●
CC-608 LINE 21	●
CC-708	●
CC-KOR	●
OP42	●
OP47	●
Various Quad Display Modes	×
3D LUT	●
Color Gamut	Rec709
Adjustable Gamma	Adjustable 1.0~3.0
3rd Party LUT Import	×
Uniformity Correction	×

# Multi format Monitor

LVM-170A

LVM-241S

LVM-171A

LVM-246W

LVM-171S

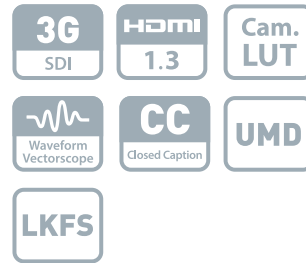
LVM-328W

LVM-212W

LVM-232W-A

# LVM-170A

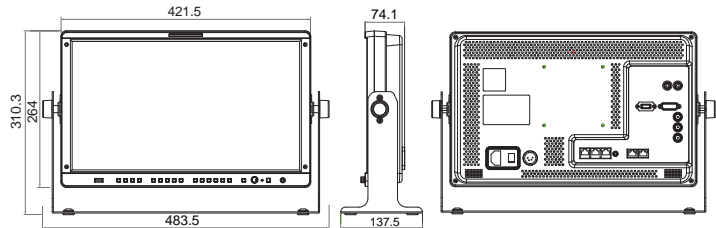
## A Multi-Purpose 17" FHD Monitor



Input	
1 x BNC	CVBS
2 x BNC	SDI A/B Channel Input
1 x HDMI	HDMI Input
1 x DVI - I	DVI Input
Output	
1 x BNC	CVBS
1 x BNC	3G/HD/SD-SDI OUT
Input Signal	
Analog	CVBS
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
DVI-Analog	640x480/720x400/800x600/1024x768/1280x1024/1366x768
DVI-D (PC & HDMI)	640x480/720x400/800x600/1024x768/1280x768/1280x1024/1366x768/1080p(23.98/24/25/30/50/60)/1080i(50/59.94/60)/720p(50/60)/480i(60)/480p(60)/576i(50)/576p(50)
HDMI (PC & HDMI)	640x480/720x400/800x600/1024x768/1280x768/1280x1024/1366x768/1080p(23.98/24/25/30/50/60)/1080i(50/59.94/60)/720p(50/60)/480i(60)/480p(60)/576i(50)/576p(50)

### Main Body 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)  
**Weight** 4.2kg / 9.25lb



### Product Highlights

- 17.3" 1920x1080 (16:9)
- Audio Level Meter
- Focus Assist
- H/V Delay
- Luma(Y') Zone Check
- Marker
- Time Code Display
- UMD
- User Aspect
- Camera LUTs Support
- Loudness Audio Check
- Various Scan Modes
- Waveform/Vectorscope
- CC-608 ANC / LINE 21
- CC-708

Analog Input Specification	
CVBS	1.0Vp-p (With Sync) NTSC. PAL
S-Video	1.0Vp-p (Y With Sync), 0.286/0.300 Vp-p(Chroma)
Component Video	1.0Vp-p (Y With Sync), ±350mV (Pb,Pr)
RGB	1.0Vp-p (G With Sync), 0.7Vp-p (B,R)

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(60/59.94/50)
SMPTE-274M	1080i(60/59.94/50)/1080p(30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-296M	720p (60/59.94/50)
SMPTE-260M	1035i (60/59.94)
SMPTE-125M	480i (59.94)
ITU-R BT.656	576i (50)
2K Format	2048 x 1080p (24/24sF/23.98/23.98sF)

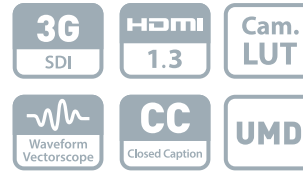
### Optional Accessories



Size	17.3"
Resolution	1920 x 1080 (16 : 9)
Pixel Pitch	0.199mm
Color Depth	16.7M
Viewing Angle (Typ.)	170°(H) / 170°(V)
Luminance (Max.)	300cd/m² (center)
Contrast Ratio	800:1
Display Area	381(H) x 214(V) mm

Audio IN	Embedded Audio / Analog stereo (Phone Jack)
Audio OUT	Analog stereo (Phone Jack) Internal Speaker (Stereo)
Power	DC 12V / AC 100~240V (50~60Hz)
Power Consumption (Approx.)	60Watts
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Basic Accessory	AC Power Cable / Stand

# LVM-171A A Multi-Purpose 16.5" 10bit FHD Monitor



Input	
1 x BNC	CVBS
2 x BNC	SDI A/B Channel Input
1 x HDMI	HDMI Input
1 x DVI - I	DVI Input

Output	
1 x BNC	CVBS
1 x BNC	SDI A/B Selected Channel Output (Loop Through Out)

Input Signal	
Analog	CVBS
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
DVI-Analog	640x480/720x400/800x600/1024x768/1280x1024/1366x768
DVI-D (PC & HDMI)	640x480/720x400/800x600/1024x768/1280x768/1280x1024/1366x768/1080p(23.98/24/25/30/50/60)/1080i(50/59.94/60)/720p(50/60)/480i(60)/480p(60)/576i(50)/576p(50)
HDMI (PC & HDMI)	640x480/720x400/800x600/1024x768/1280x768/1280x1024/1366x768/1080p(23.98/24/25/30/50/60)/1080i(50/59.94/60)/720p(50/60)/480i(60)/480p(60)/576i(50)/576p(50)

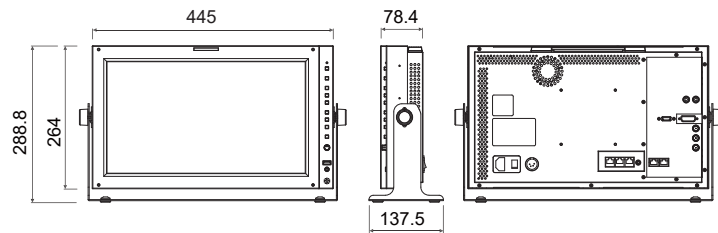
Analog Input Specification	
CVBS	1.0Vp-p (With Sync) NTSC. PAL

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(60/59.94/50)
SMPTE-274M	1080i(60/59.94/50)/1080p(30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-296M	720p (60/59.94/50)
SMPTE-260M	1035i (60/59.94)
SMPTE-125M	480i (59.94)
ITU-R BT.656	576i (50)
2K Format	2048 x 1080p (24/24sF/23.98/23.98sF)

Audio IN	Embedded Audio / Analog stereo (Phone Jack)
Audio OUT	Analog stereo (Phone Jack) Internal Speaker (Stereo)
Power	DC 12V / AC 100~240V (50~60Hz)
Power Consumption (Approx.)	32Watts
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Basic Accessory	AC Power Cable / Stand

## Main Body Dimensions

**Main Body** 445 x 264 x 78.4 (mm) / 17.52 x 10.39 x 3.09 (inch)  
**With Stand** 492.2 x 289 x 137.5 (mm) / 19.38 x 11.38 x 5.41 (inch)  
**Weight** 6.8kg / 14.99lbs



## Product Highlights

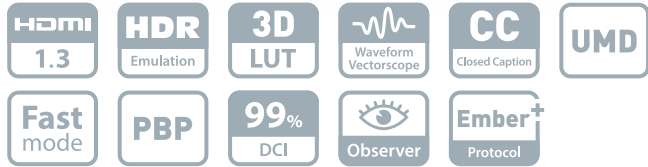
- 16.5" 1920 x 1080 (16:9)
- Audio Level Meter
- Luma(Y') Zone Check
- Various Scan Modes
- Waveform/Vectorscope
- Marker
- CC-608 ANC/LINE 2 CC-708
- Focus Assist
- H/V Delay
- Time Code Display
- UMD
- User Aspect
- Camera LUTs support

Size	16.5"
Resolution	1920 x 1080 (16 : 9)
Pixel Pitch	0.1905mm
Color Depth	1.07B
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	450cd/m <sup>2</sup> (center)
Contrast Ratio	1500:1
Display Area	366(H) x 206(V) mm

## Optional Accessories

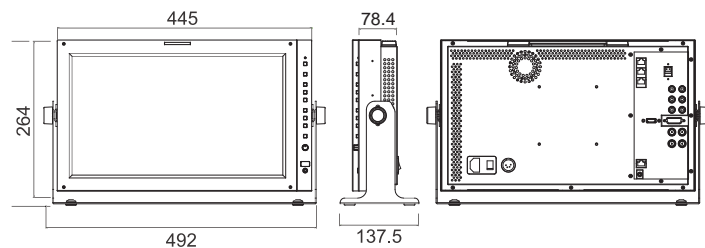


# LVM-171S 17" 10bit Quality Control Monitor



## Main Body Dimensions

**Main Body** 445 x 264 x 78.4 (mm) / 17.52 x 10.39 x 3.09 (inch)  
**With Stand** 492.2 x 289 x 137.5 (mm) / 19.38 x 11.38 x 5.41 (inch)  
**Weight** 6.8kg / 14.99lbs



## Optional Accessories



## Product Highlights

- 16.5" 1920 x 1080 Resolution
- 99% Coverage of DCI-P3 Color Gamut
- 1.07B Colors (10bit)
- Custom 3D LUT import by USB Flash Drive
- Closed Caption (OP42/47, CC-608/708, CC-KOR)
- Waveform / Vectorscope (Advanced)
- PBP (Picture by Picture)
- Audio Level Meter
- Observer(Network) control by Ethernet
- Ember + Protocol
- H/V Delay
- Fast Mode
- Time Code Display
- UMD
- User Aspect
- HDR Emulation
- Various Scan Modes

Size	16.5"
Resolution	1920 x 1080 (16 : 9)
Pixel Pitch	0.1905mm
Color Depth	1.07B
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	450cd/m <sup>2</sup> (center)
Contrast Ratio	1500:1
Display Area	366(H) x 206(V) mm

Input	
1 x DVI-I	DVI Input
1 x HDMI	HDMI Input
3 x BNC	Analog Input
2 x BNC	SDI A/B Channel Input

Output	
3 x BNC	Analog(Loop Through Out)
2 x BNC	SDI A/B Channel Output (Loop Through Out)

Input Signal	
Analog	CVBS / S-Video / Component
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
DVI-Analog	640x480/720x400/800x600/1024x768/1280x1024/1600x1200/1920x1080
DVI-D (PC mode)	640x480/720x400/800x600/1024x768/1280x1024/1600x1200/1920x1080/1920x1200
DVI-D (HDMI mode)	1080p(60/50/30/25/24)/1080i(60/50)/720p(60/50)/480i(60)/480p(60)/576i(50)/576p(50)
HDMI	480i/480p/576i/576p/720p/1080i/1080p/640x480/720x400/800x600/1024x768/1280x1024/1600x1200

Analog Input Specification	
CVBS	1.0Vpp (With Sync) NTSC. PAL
Component Video	1.0Vpp (Y With Sync), 0.7Vpp(Pb,Pr)

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	1080i(60/59.94/50)
SMPTE-296M	1080p(30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-296M	720p(60/59.94/50)
SMPTE-260M	1035i(60/59.94)
SMPTE-125M	480i(59.94)
ITU-R BT.656	576i(50)

2K Format	2048x1080p(24/24sF/23.98/23.98sF)
Audio IN	Embedded Audio / Analog stereo (Phone Jack)
Audio OUT	Internal Speaker(Stereo) / Analog stereo (Phone Jack)
Power	DC 12V / 24V / AC 100~240V(50~60Hz)
Power Consumption	24 Watts
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Basic Accessory	AC Power Cable / Stand

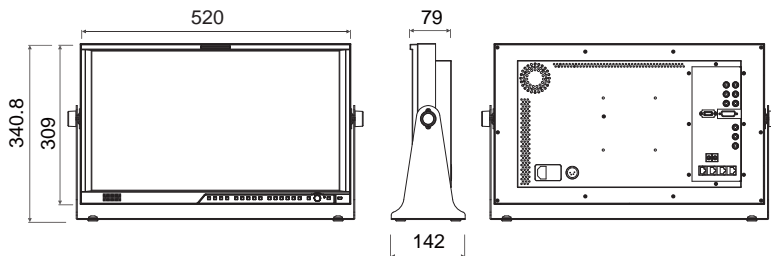


# LVM-212W 21" 1920x1080 Rack-Mountable Monitor



## Main Body Dimensions

**Main Body** 520 x 309 x 79 (mm) / 20.47 x 12.17 x 3.11 (inch)  
**With Stand** 567.2 x 340.8 x 142 (mm) / 22.33 x 13.41 x 5.59 (inch)  
**Weight** 7.8kg / 17.16lbs



## Optional Accessories



## Product Highlights

- 21.5" 1920 x 1080
- Audio Level Meter
- Luma(Y') Zone Check
- Various Scan Modes
- Waveform/Vectorscope
- CC-608 LINE 21/ANC, CC-708, OP42, OP47
- Blue Only
- Focus Assist
- H/V Delay
- Time Code Display
- UMD
- User Aspect
- Zoom

Size	21.5"
Resolution	1920 x 1080 (16 : 9)
Pixel Pitch	0.2475mm
Color Depth	16.7M
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	250cd/m <sup>2</sup> (center)
Contrast Ratio	1000:1
Display Area	475(H) x 267(V) mm

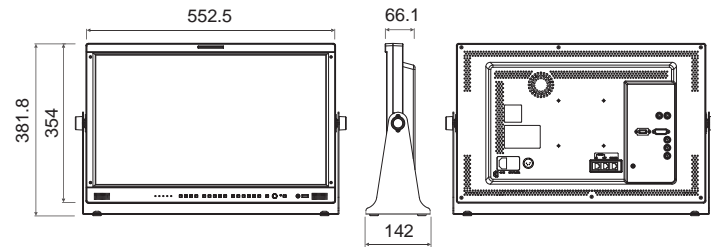
Input	
1 x DVI-I	DVI Input
1 x HDMI	HDMI(1.3Ver) Input
3 x BNC	CVBS Input
2 x BNC	SDI A/B Channel Input
Output	
3 x BNC	Analog (Loop Through Out)
1 x BNC	SDI A/B Selected Channel Output (Loop Through Out)
Input Signal	
Analog	CVBS / S-Video / Component
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
HDMI	480i/480p/576i/576p/720p/1080i/1080p (24/25/30/50/60)
DVI-Analog	640x480/720x400/800x600/1024x768/1280x1024/1600x1200
DVI-D (PC mode)	640x480/720x400/800x600/1024x768/1280x1024/1366x768/1600x1200/1920x1200
DVI-D (HDMI mode)	1080p (24/25/30/50/60)/1080i(50/60)/720p (50/60)/480i(60)/480p(60)/576i(50)/57p(50)
Analog Input Specification	
CVBS	1.0Vp-p (With Sync) NTSC. PAL
S-Video	1.0Vp-p (Y With Sync), 0.286/0.300 Vp-p (Chroma)
Component Video	1.0Vp-p (Y With Sync), ±350mV (Pb,Pr)
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 (60/59.94/50)
SMPTE-274M	1080i (60 / 59.94 / 50) 1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-296M	720p (60/59.94/50)
SMPTE-260M	1035i (60/59.94)
SMPTE-125M	480i (59.94)
ITU-R BT.656	576i (50)
2K Format	2048 x 1080p (24/24sF/23.98/23.98sF)
Audio IN	Embedded Audio / Analog stereo (Phone Jack)
Audio OUT	Analog stereo (Phone Jack) / Internal Speaker (Mixed Mono)
Power	DC 24V (2.5A) / AC 100~240V (50~60Hz)
Power Consumption (Approx.)	60Watts
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Basic Accessory	AC Power Cable / Stand

# LVM-232W-A 23" Fully-Featured Broadcast Monitor



## Main Body Dimensions

**Main Body** 552.5 x 354 x 66.1 (mm) / 21.75 x 13.93 x 2.6 (inch)  
**With Stand** 599.7 x 381.8 x 142 (mm) / 23.61 x 15.03 x 5.59 (inch)  
**Weight** 6.9kg / 15.21lbs



## Optional Accessories



## Product Highlights

- 23" 1920 x 1080 (16:9)
- Audio Level Meter Display
- Focus Assist
- H/V Delay
- Luma(Y') Zone Check
- Time Code Display
- Various Scan Modes
- Waveform/Vectorscope
- CC-608 LINE 21/ANC
- CC-708
- UMD
- User Aspect
- Zoom

Size	23"
Resolution	1920 x 1080 (16:9)
Pixel Pitch	0.2652 mm
Color Depth	16.7M
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	300 cd/m <sup>2</sup> (center)
Contrast Ratio	1000:1
Display Area	509(H) x 286(V)

Input	
1 x BNC	CVBS
2 x BNC	SDI A/B Channel Input
1 x HDMI	HDMI Input
1 x DVI - I	DVI Input

Output	
1 x BNC	CVBS
1 x BNC	SDI A/B Selected Channel Output (Loop Through Out)

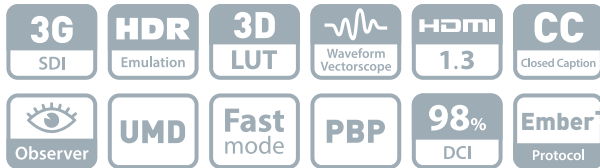
Input Signal	
Analog (Composite)	CVBS
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
DVI-Analog	640x480/720x400/800x600/1024x768/1280x768/1280x1024/1366x768/1920x1080
DVI-D (PC & HDMI)	640x480/720x400/800x600/1024x768/1280x768/1280x1024/1366x768/1920x1080/1080p(24/25/30/50/60)/1080i(50/60)/720p(50/60)/480i(60)/480p(60)/576i(50)/576p(50)
HDMI (PC & HDMI)	640x480/720x400/800x600/1024x768/1280x768/1280x1024/1366x768/1920x1080/1080p(24/25/30/50/60)/1080i(50/60)/720p(50/60)/480i(60)/480p(60)/576i(50)/576p(50)

Analog Input Specification	
CVBS	1.0Vp-p (With Sync) NTSC. PAL

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(60/59.94/50)
SMPTE-274M	1080i(60/59.94/50)/1080p(30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-296M	720p (60/59.94/50)
SMPTE-260M	1035i (60/59.94)
SMPTE-125M	480i (59.94)
ITU-R BT.656	576i (50)

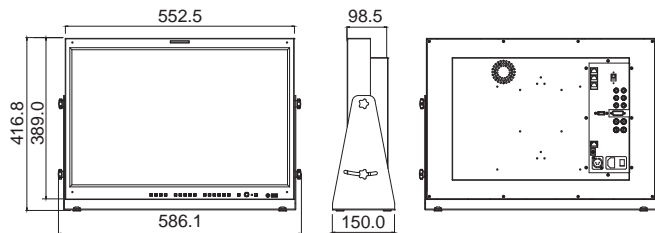
Audio In	Embedded Audio / Analog stereo (Phone Jack)
Audio Out	Analog stereo (Phone Jack) / Internal Speaker (Stereo)
Power	DC 12V / AC 100 ~240V (50~60Hz)
Power Consumption (Approx.)	60Watts
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Basic Accessory	AC Power Cable / Stand

# LVM-241S 24" 10bit Quality Control Monitor



## Main Body Dimensions

**Main Body** 552.5 x 389 x 98.5 (mm) / 21.75 x 15.31 x 3.87 (inch)  
**With Stand** 586 x 416.8 x 150 (mm) / 23.07 x 16.4 x 5.9 (inch)  
**Weight** 8.8kg / 19.4lbs



## Optional Accessories



## Product Highlights

- 24" Full HD Resolution (1920 x 1200)
- 1.07B Colors (10bit)
- 98% Coverage of DCI-P3 Color Gamut
- Custom 3D LUT Import by USB Flash Drive
- Closed Caption (OP42/47, CC-608/708, CC-KOR)
- Waveform / Vectorscope (Advanced)
- PBP (Picture by Picture)
- Audio Level Meter
- Observer(Network) Control by Ethernet
- Ember + Protocol
- H/V Delay
- Fast Mode
- Time Code Display
- UMD
- User Aspect
- HDR Emulation
- Various Scan Modes

<b>Size</b>	24"
<b>Resolution</b>	1920 x 1200 (16 : 10)
<b>Pixel Pitch</b>	0.27mm
<b>Color Depth</b>	1.07B
<b>Viewing Angle (Typ.)</b>	178°(H) / 178°(V)
<b>Luminance (Max.)</b>	400cd/m <sup>2</sup> (center)
<b>Contrast Ratio</b>	1500:1
<b>Display Area</b>	518(H) x 324(V) mm

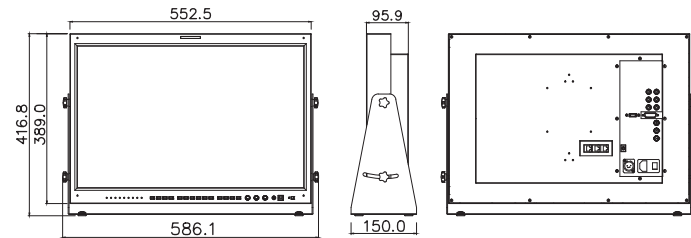
Input	
1 x DVI-I	DVI Input
1 x HDMI	HDMI Input
3 x BNC	Analog Input
2 x BNC	SDI A/B Channel Input
Output	
3 x BNC	Analog (Loop Through Out)
2 x BNC	SDI A/B Channel output(Loop Through Out)
Input Signal	
Analog	CVBS / S-Video / Component
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
DVI-Analog	640x480/720x400/800x600/1024x768/1280x1024/1600x1200/1920x1080
DVI-D (PC mode)	640x480/720x400/800x600/1024x768/1280x1024/1600x1200/1920x1080/1920x1200"
DVI-D (HDMI mode)	1080p(60/50/30/25/24)/1080i(60/50)/720p(60/50)/480i(60)/480p(60)/576i(50)/576p(50)
HDMI	480i/480p/576i/576p/720p/1080i/1080p/640x480/720x400/800x600/1024x768/1280x1024/1600x1200
Analog Input Specification	
CVBS	1.0Vpp (With Sync) NTSC. PAL
Component Video	1.0Vpp (Y With Sync), 0.7Vpp(Pb,Pr)
SDI Input Signal Formats	
SMPT-425M-A/B	1080p (60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)
SMPT-274M	1080i(60/59.94/50) 1080p(30/29.97/25/24/24sF/23.98/23.8sF)
SMPT-296M	720p(60/59.94/50)
SMPT-260M	1035i(60/59.94)
SMPT-125M	480i(59.94)
ITU-R BT.656	576i(50)
2K Format	2048x1080p(24/24sF/23.98/23.98sF)
Audio IN	
Audio IN	Embedded Audio / Analog stereo (Phone Jack)
Audio OUT	
Audio OUT	Internal Speaker(Stereo) / Analog stereo (Phone Jack)
Power	
Power	DC 12V / 24V / AC 100~240V(50~60Hz)
Power Consumption (Approx.)	
Power Consumption (Approx.)	65Watts
Operating Temperature	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Basic Accessory	
Basic Accessory	AC Power Cable / Stand

# LVM-246W 24" FHD Display for Popular Broadcast Monitor



## Main Body Dimensions

**Main Body** 552.5 x 389 x 95 (mm) / 21.75 x 15.31 x 3.74 (inch)  
**With Stand** 586.1 x 416.8 x 150 (mm) / 23 x 16.4 x 5.9 (inch)  
**Weight** 10.4kg / 22.92lbs



## Optional Accessories



## Product Highlights

- 24" 1920 x 1200
- Audio Level Meter
- Focus Assist
- H/V Delay
- Luma(Y') Zone Check
- Time Code Display
- UMD
- User Aspect
- Various Scan Modes
- CC-608 ANC / LINE 21 CC-708
- Waveform/Vectorscope

Size	24"
Resolution	1920 x 1200 (16 : 10)
Pixel Pitch	0.27mm
Color Depth	16.7M
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	250cd/m <sup>2</sup> (center)
Contrast Ratio	1000:1
Display Area	518(H) x 324(V) mm

Input	
1 x DVI-I	Analog & Digital RGB
3 x BNC	CVBS / Component Input
2 x BNC	SDI A/B Channel Input
1 x HDMI	HDMI Input
Output	
3 x BNC	Analog (Passive Loop Through)
1 x BNC	SDI A/B Selected Channel Output (Active Loop Through)
Input Signal	
Analog	CVBS / S-Video / Component / RGB(D-TV)
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
HDMI	480i/480p/576i/576p/720p/1080i/1080p/640x480/ 720x400/800x600/1024x768/1280x1024/ 1600x1200/1920x1200
DVI-Analog	640x480/720x400/800x600/1024x768/1280x768/ 1280x1024/1366x768
DVI-D (PC mode)	640x480/720x400/800x600/1024x768/1280x768/ 1280x1024
DVI-D (HDMI mode)	1080p (24/25/30/50/60)/1080i(50/60)/720p(50/60)/ 480i(60)/480p(60)/576i(50)/576p(50)

Analog Input Specification	
CVBS	1.0Vp-p (With Sync) NTSC. PAL
S-Video	1.0Vp-p (Y With Sync), 0.286/0.300 Vp-p(Chroma)
Component Video	1.0Vp-p (Y With Sync), ±350mV (Pb,Pr)
RGB	1.0Vp-p (G With Sync), 0.7Vp-p (B,R)

SDI Input Signal Formats	
SMPTE-274M	1080i (60 / 59.94 / 50) 1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-296M	720p (60/59.94/50)
SMPTE-260M	1035i (60/59.94)
SMPTE-125M	480i (59.94)
ITU-R BT.656	576i (50)
2K Format	2048 x 1080p (24/24sF/23.98/23.98sF)

Audio In	Embedded Audio / Analog stereo (Phone Jack)
Audio Out	Analog stereo (Phone Jack) / Internal Speaker (Stereo)
Power	DC 24V / AC 100~240V (50~60Hz)
Power Consumption (Approx.)	77Watts (Typ.) 112Watts (Typ.3A)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Basic Accessory	AC Power Cable / Stand

# LVM-328W 32" Multi Format Monitor



**3G**  
Dual Link

Waveform  
Vectorscope

**HDMI**  
1.3  
Closed Caption

**CC**  
Closed Caption

**UMD**

**Fast**  
mode

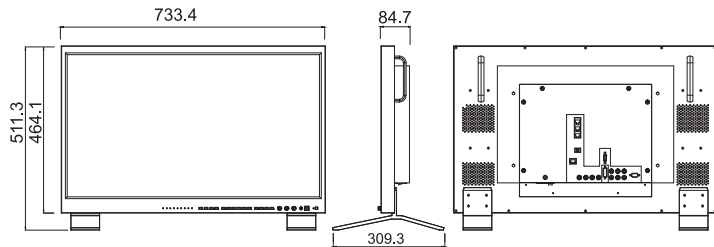
**PBP**

**FOCUS**  
Assist

**16ch**  
Audio Level  
Meter

## Main Body Dimensions

**Main Body** 733.4 x 464.1 x 84.7 (mm) / 28.87 x 18.27 x 3.33 (inch)  
**With Stand** 733.4 x 511.3 x 309.3 (mm) / 28.87 x 20.12 x 12.17 (inch)  
**Weight** 13.8kg / 30.42lbs



## Optional Accessories



## Product Highlights

- 31.5" 1920 x 1080
- H/V Delay
- Fast Mode
- Time Code Display
- UMD
- User Aspect
- Waveform/Vectorscope
- CC-608 LINE 21/ANC, CC-708, CC-KOR/OP42, OP47

<b>Size</b>	31.5"
<b>Resolution</b>	1920 x 1080 (16 : 9)
<b>Pixel Pitch</b>	0.364mm
<b>Color Depth</b>	16.7M
<b>Viewing Angle (Typ.)</b>	178°(H) / 178°(V)
<b>Luminance (Max.)</b>	400cd/m <sup>2</sup> (center)
<b>Contrast Ratio</b>	1200:1
<b>Display Area</b>	698(H) x 392(V) mm

Input	
1 x DVI-I	DVI Input
1 x HDMI	HDMI Input
3 x BNC	Analog Input
2 x BNC	SDI A/B Channel Input
Output	
3 x BNC	Analog Output
2 x BNC	SDI A/B Channel Output (Loop Through Out)
Input Signal	
Analog	CVBS / S-Video / Component Video
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
HDMI	480i/480p/576i/576p/720p/1080i/1080p/640x480/720x400/800x600/1024x768/1280x1024/1600x1200
DVI-Analog	640x480/720x400/800x600/1024x768/1280x1024/1600x1200/1920x1080
DVI-D (PC mode)	640x480/720x400/800x600/1024x768/1280x1024/1600x1200/1920x1080/1920x1200
DVI-D (HDMI mode)	1080p (24/25/30/50/60)/1080i(50/60)/720p(50/60)/480i(60)/480p(60)/576i(50)/576p(50)
Analog Input Specification	
CVBS	1.0Vp-p (With Sync) NTSC. PAL
S-Video	1.0Vp-p (Y With Sync), 0.286Vp-p(Chroma)
Component Video	1.0Vp-p (Y With Sync), 0.7Vp-p (Pb,Pr)
SDI Input Signal Formats	
SMPTE-425M-A/B	1080p (60 / 59.94 / 50)
SMPTE-372M (Dual Link)	Dual HD-SDI 1080p (60/59.94/50) YCbCr(4:2:2)
	Dual HD-SDI 1080i (60/59.94/50) YCbCr/RGB(4:4:4) 1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-274M	1080i (60 / 59.94 / 50) 1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-296M	720p (60/59.94/50)
SMPTE-260M	1035i (60/59.94)
SMPTE-125M	480i (59.94)
ITU-R BT.656	576i (50)
2K Format	2048 x 1080p (23.98p/psf, 24p/psf)
Audio In	Embedded Audio / Analog stereo(Phone Jack)
Audio Out	Analog stereo (Phone Jack)
Power	AC 100~240V (50~60Hz)
Power Consumption (Approx.)	218 Watts (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)
Basic Accessory	AC Power Cable / Stand

	RKM-535A	RKM-443A	RKM-270A	RKM-290A	R-5T
Size	5 x 3.5"	4 x 4.3"	2 x 7"	2 x 9"	3 x 5.5"
Resolution	960x640	800x480	1024x600	1920x1080	1920x1080
Aspect Ratio	3:2	15:9	16:9	16:9	16:9
Color	16.7 M	16.7 M	16.7 M	16.7 M	16.7 M
Viewing Angle	160°(H)/160°(V)	160°(H)/160°(V)	160°(H)/160°(V)	176°(H)/176°(V)	160°(H)/160°(V)
Luminance max.	500 cd/m <sup>2</sup>	600 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>
Contrast Ratio	1,000:1	1,000:1	800 : 1	750 : 1	1,000 : 1
Fast Mode	x	x	x	x	x
Camera LUTs	x	x	x	x	x
HDR Emulation	x	x	x	x	x
3G-SDI Level A/B	●	●	●	●	●
Audio Level Meter Display	●	●	●	●	●
Blue Only	●	●	●	●	●
Focus Assist	●	●	●	●	●
H/V Delay	●	●	●	●	●
Key Lock	●	●	●	●	●
Luma(Y') Zone Check	●	●	●	●	●
Marker	●	●	●	●	●
Mono	●	●	●	●	●
Range Error	●	●	●	●	●
Time Code Display	●	●	●	●	●
UMD	●	●	●	●	●
User Aspect	●	●	●	●	●
Various Scan Modes	●	●	●	●	●
Waveform / Vectorscope	●	●	●	●	●
Zoom	x	●	●	●	●
PBP	x	x	x	x	x
CC-608 ANC	●	●	●	●	x
CC-608 LINE 21	●	●	●	●	x
CC-708	●	●	●	●	x
CC-KOR	x	x	x	x	x
OP42	x	x	x	x	x
OP47	x	x	x	x	x

# Rack Mountable

RKM-535A

RKM-443A

RKM-270A/290A

R-5T

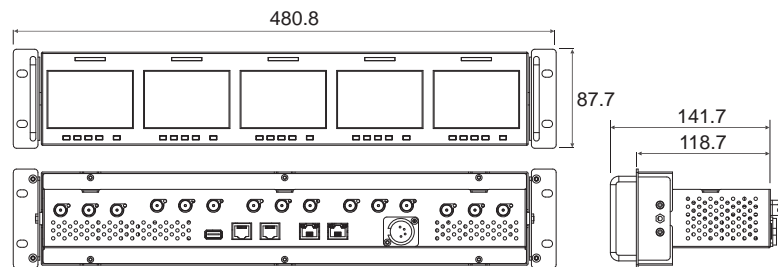
# RKM-535A Compact 3.5"× 5 Rack Mount Monitor



## Main Body Dimensions

**Main Body** 480.8 x 87.7 x 118.7 (mm) / 18.93 x 3.45 x 4.67 (inch)

**Weight** 2.88kg / 6.35lbs



## Product Highlights

- 5 x 3.5" LCD Screen
- 960×640 Resolution (3:2)
- 1:1 Pixel Mapping Modes for SD/HD
- Waveform / Vectorscope
- CC (608, 708)
- Audio Level Meter
- H/V Delay
- Key Lock
- Luma(Y") Zone Check
- Time Code Display
- UMD
- User Aspect
- Various Scan Modes
- Waveform / Vectorscope

<b>Size</b>	3.54"
<b>Resolution</b>	960 x 640 (3:2)
<b>Pixel Pitch</b>	0.078mm
<b>Color Depth</b>	16.7M
<b>Viewing Angle(Typ.)</b>	160°(H) / 160°(V)
<b>Luminance (Max.)</b>	500cd/m <sup>2</sup> (center)
<b>Contrast Ratio</b>	1000:1
<b>Display Area</b>	75(H)X50(V)mm
<b>Input</b>	
1 x BNC	SDI Channel Input
1 x BNC	Analog Video Input
<b>Output</b>	
1x BNC	SDI Channel Output
<b>Input Signal</b>	
Analog	CVBS
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
<b>Analog Input Specification</b>	
CVBS	1.0Vp-p (With Sync) NTSC. PAL
<b>SDI Input Signal Formats</b>	
SMPTE-425M-A/B	1080p (60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF), 1080i(60/59.94/50)
SMPTE-274M	1080p(30/29.97/25/24/24sF/23.98/23.98sF) / 1080i (60/59.94/50)
SMPTE-296M	720p (60/59.94/50)
SMPTE-260M	1035i (60/59.94)
SMPTE-125M	480i (59.94)
ITU-R BT.656	576i (50)
<b>Audio In</b>	-
<b>Audio Out</b>	-
<b>Power</b>	DC 12V / 24V
<b>Power Consumption (Approx.)</b>	DC 60Watts (Max. 5A)
<b>Operating Temperature</b>	0°C to 45°C (32°F to 113°F)
<b>Storage Temperature</b>	-20°C to 60°C (-4°F to 140°F)
<b>Basic Accessory</b>	Rack Mountable Kit DC Power adapter



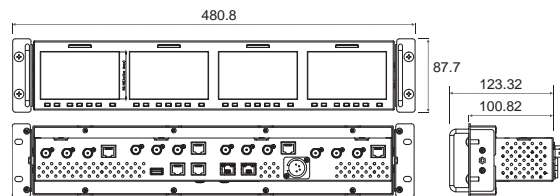
# RKM-443A 4.3 × 4" Rack Mount Monitor



## Main Body Dimensions

**Main Body** 480.8 x 87.7 x 100.82 (mm)  
18.93 x 3.45 x 3.97 (inch)

**Weight** 3.4kg / 7.49lbs



## Product Highlights

- 4 × 4.3" LCD Screen 800 x 480 (15:9) Resolution
- 1:1 Pixel Mapping Modes for SD/HD/FHD
- Audio Level Meter Display
- H/V Delay
- Key lock
- Luma('Y') Zone Check
- Time Code Display
- UMD
- User Aspect
- Various Scan Modes
- Waveform / Vectorscope
- CC-608 LINE 21 / ANC, CC-708

<b>Size</b>	4.3"
<b>Resolution</b>	800 x 480 (15 : 9)
<b>Pixel Pitch</b>	0.117mm
<b>Color Depth</b>	16.7M
<b>Viewing Angle (Typ.)</b>	160°(H) / 160°(V)
<b>Luminance (Max.)</b>	600cd/m <sup>2</sup> (center)
<b>Contrast Ratio</b>	1000:1
<b>Input (1 Screen)</b>	
1 x BNC	SDI Channel Input
1 x BNC	CVBS
1 x HDMI	-
2 x BNC	-
<b>Output (1 Screen)</b>	
1 x BNC	SDI Channel Output
<b>Input Signal</b>	
<b>Analog</b>	CVBS
<b>3G SDI</b>	2.970Gb/s
<b>HD-SDI</b>	1.485Gb/s
<b>SD-SDI</b>	270Mb/s
<b>HDMI</b>	-
<b>SDI Input Signal Formats</b>	
<b>SMPTE-425M-A/B</b>	1080i(60/59.94/50) 1080P(60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF/ 25sF/24sF/23.98sF)
<b>SMPTE-274M</b>	1080i (60 / 59.94 / 50) 1080P (30/29.97/25/24/24sF/23.98/23.98sF)
<b>SMPTE-296M</b>	720p(60/59.94/50)
<b>SMPTE-260M</b>	1035i(60/59.94)
<b>SMPTE-125M</b>	480i(59.94)
<b>ITU-R BT.656</b>	576i(50)
<b>Power</b>	DC 12V / 3A (Max. 6.0A)
<b>Power Consumption (Approx.)</b>	60Watts (Typ.)
<b>Operating Temperature</b>	0°C to 40°C (32°F to 104°F)
<b>Storage Temperature</b>	-20°C to 60°C (-4°F to 140°F)
<b>Basic Accessory</b>	Rack Mountable Kit DC Power adapter

# RKM-270A

## 3RU Rack-Mount Monitor



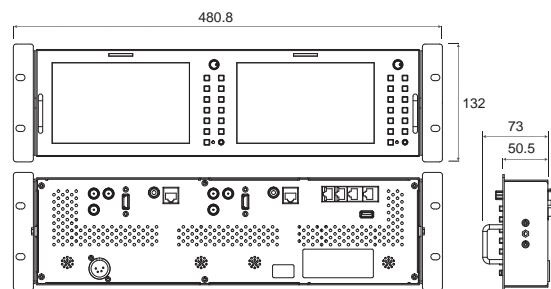
### Product Highlights

- 7" 1024 x 600 (16:9) Resolution
- 1:1 Pixel Mapping Modes for SD/HD/FHD
- Audio Level Meter Display
- H/V Delay
- Key Lock
- Luma(Y') Zone Check
- Time Code Display
- UMD
- User Aspect
- Various Scan Modes
- Waveform / Vectorscope
- CC-608 LINE 21 / ANC, CC-708

### Main Body Dimensions

**Main Body** 480.8 x 132 x 50.5 (mm)  
18.93 x 5.2 x 1.99 (inch)

**Weight** 4kg / 15.4lbs



# RKM-290A

## 4RU Rack-Mount Monitor



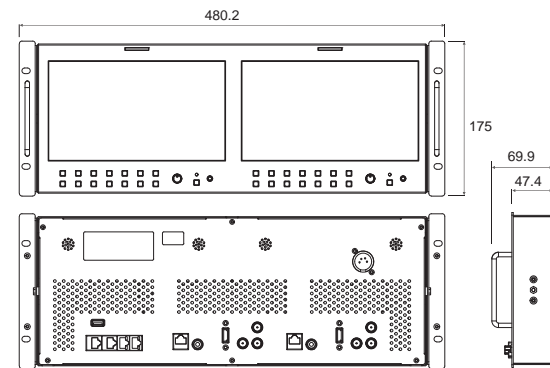
### Product Highlights

- 9" 1920 x 1080 (16:9) Resolution
- Audio Level Meter Display
- H/V Delay
- Key Lock
- Luma(Y') Zone Check
- Time Code Display
- UMD
- User Aspect
- Various Scan Modes
- Waveform/Vectorscope
- CC-608 LINE 21 / ANC, CC-708

### Main Body Dimensions

**Main Body** 480.2 x 175 x 47.4 (mm)  
18.91 x 6.89 x 1.87 (inch)

**Weight** 4.9kg / 10.78lbs



Model	RKM-270A	RKM-290A
Size	7"	9"
Resolution	1024 x 600 (16 : 9)	1920 x 1080 (16 : 9)
Pixel Pitch	0.15mm	0.103mm
Color Depth	16.7M	16.7M
Viewing Angle (Typ.)	160°(H) / 160°(V)	176°(H) / 176°(V)
Luminance (Max.)	400cd/m <sup>2</sup> (center)	400cd/m <sup>2</sup> (center)
Contrast Ratio	800:1	750:1
<b>Input (1 Screen)</b>		
1 x HDMI	HDMI Input	HDMI Input
2 x BNC	SDI A/B Channel Input	SDI A/B Channel Input
1 x BNC	CVBS	CVBS
<b>Output (1 Screen)</b>		
1 x BNC	SDI Selected Channel Output	SDI Selected Channel Output
<b>Input Signal</b>		
Analog	CVBS	CVBS
3G-SDI	2.970Gb/s	2.970Gb/s
HD-SDI	1.485Gb/s	1.485Gb/s
SD-SDI	270Mb/s	270Mb/s
HDMI	1080P(24/25/30/50/60) / 1080i(50/60) / 720p(50/60) / 480i(60) / 480p(60) / 576i(50) / 576p(50)	1080p(24/25/30/50/60) / 1080i(50/60) / 720p(50/60) / 480i(60) / 480p(60) / 576i(50) / 576p(50) / 640x480 / 720x400 / 800x600 / 1024x768 / 1280x1024 / 1366x768
<b>SDI Input Signal Formats</b>		
SMPTE-425M-A/B	1080i(60/59.94/50) 1080P(60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)	
SMPTE-274M	1080i (60/59.94/50) 1080P (30/29.97/25/24/24sF/23.98/23.98sF)	
SMPTE-296M	720p(60/59.94/50)	
SMPTE-260M	1035i(60/59.94)	
SMPTE-125M	480i(59.94)	
ITU-R BT.656	576i(50)	
2K Format	-	2048x1080p(24/24sF/23.98/23.98sF)
Audio In	Embedded Audio / Analog stereo (Phone Jack)	Embedded Audio / Analog stereo (Phone Jack)
Audio Out	Analog stereo (Phone Jack) / Internal Speaker (Mixed Mono)	Analog stereo (Phone Jack) / Internal Speaker (Mixed Mono)
Power	DC 12V / 24V	DC 12V / 24V
Power Consumption (Approx.)	60Watts (Typ.)	60Watts (Typ.)
Operating Temperature	0°C to 35°C (32°F to 95°F)	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)
Basic Accessory	Rack Mountable Kit DC Power adapter	Rack Mountable Kit DC Power adapter

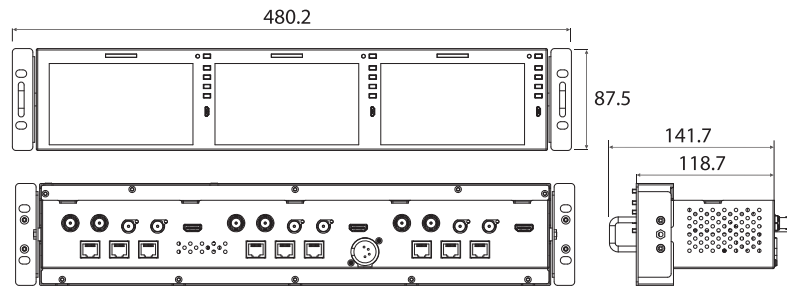
# R-5T *New* 12G-SDI Supported 3 × 5.5" LCD FHD Screen



## Main Body Dimensions

**Main Body** 480.2 x 87.5 x 118.7 (mm) / 18.9 x 3.44 x 4.67 (inch)

**Weight** 2.86Kg / 6.3lbs



## Product Highlights

- 3 × 5.5" LCD FHD Screen
- 1920 × 1080 Resolution (16:9)
- 12G / 6G / 3G-SDI Input, Output
- 1:1 Pixel Mapping Modes for SD/HD
- Waveform / Vectorscope
- Audio Level Meter
- H/V Delay
- Key Lock
- Luma(Y") Zone Check
- Time Code Display
- UMD
- User Aspect
- Various Scan Modes

<b>Size</b>	5.5"
<b>Resolution</b>	1920x1080(16:9)
<b>Pixel Pitch</b>	0.0213(W)×0.0639(H)mm
<b>Color Depth</b>	16.7M
<b>Viewing Angle(Typ.)</b>	160°(H) / 160°(V)
<b>Luminance (Max.)</b>	500cd/m <sup>2</sup> (center)
<b>Contrast Ratio</b>	1000:1
<b>Display Area</b>	122.7(H)×69.0(V)mm

### Input

<b>2 x BNC</b>	SDI Input (12G-SDI x 1 / 3G-SDI x 1)
<b>1 x HDMI</b>	HDMI Input

### Output

<b>2 x BNC</b>	SDI Output (12G-SDI x 1 / 3G-SDI x 1) HDMI to SDI conversion output
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### Input Signal

<b>12G-SDI</b>	11.88Gb/s
<b>6G-SDI</b>	5.94Gb/s
<b>3G-SDI</b>	2.970Gb/s
<b>HD-SDI</b>	1.485Gb/s
<b>SD-SDI</b>	270Mb/s
<b>HDMI</b>	1080p(60/59.94/50/30/25/24/23.98)/ 1080i(60/59.94/50)/720p(60/50)

### SDI Input Signal Formats

<b>SMPTE ST 2082</b>	3840x2160(60/50/59.94p)
<b>SMPTE ST 2081</b>	3840x2160 (30/25/24p/23.98p/29.97p)
<b>SMPTE-425M-A/B</b>	1080p(60/59.94/50/30/29.97/25/24/23.98/ 30sF/29.97sF/25sF/24sF/23.98sF)
<b>SMPTE-274M</b>	1080i(60/59.94/50) 1080p(30/29.97/25/24/24sF/23.98/23.8sF)
<b>SMPTE-296M</b>	720p(60/59.94/50)
<b>SMPTE-125M</b>	480i(59.94)
<b>ITU-R BT.656</b>	576i(50)

<b>Power</b>	DC 12V 2.5A
<b>Power Consumption (Approx.)</b>	35W
<b>Operating Temperature</b>	0°C to 45°C (32°F to 113°F)
<b>Storage Temperature</b>	-20°C to 60°C (-4°F to 140°F)
<b>Basic Accessory</b>	Rack Mountable Kit DC Power adaptor

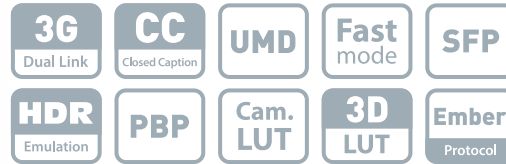
	S-46P
Size	46"
Resolution	1920 × 1080
Aspect Ratio	16 : 9
Color	1.07B
Viewing Angle	178°(H) / 178°(V)
Luminance max.	450 cd/m <sup>2</sup>
Contrast Ratio	4,000 : 1
Fast Mode	●
Camera LUT	●
HDR Emulation	●
3G-SDI Level A/B	●
Audio Level Meter Display	●
Blue Only	●
Focus Assist	●
H/V Delay	●
Key Lock	●
Luma(Y') Zone Check	●
Marker	●
Mono	●
Range Error	●
Time Code Display	●
UMD	●
User Aspect	●
Various Scan Modes	●
Waveform / Vectorscope	●
Zoom	×
PBP	●
CC-608 ANC	●
CC-608 LINE 21	●
CC-708	●
CC-KOR	●
OP42	×
OP47	×
Various Quad Display Modes	×
3D LUT	●
Color Gamut	Rec709
Adjustable Gamma	2.3 / 2.35 / 2.4
3rd Party LUT import	●

# Wall Monitor

S-46P

# S-46P *New*

## 46" FHD Studio Wall Monitor with SFP Module & Ember+ Protocol



Size	46"
Resolution	1920 x 1080 (16:9)
Pixel Pitch	0.530(H) x 0.530(W) mm
Color Depth	1.07B (R.G.B 10bit, Dither)
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	450 cd/m <sup>2</sup>
Contrast Ratio	4000:1
Display Area	1018.08(H) x 572.67(V) mm

Input	
2 x BNC	SDI Input
1 x DVI - D	DVI Input
2 x SFP	In/Out (combined)
1 x HDMI	HDMI Input

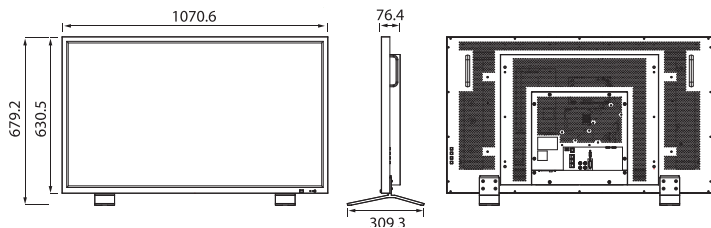
Output	
2 x BNC	SDI Output

Input Signal	
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
DVI	VESA / IBM Modes
HDMI	1080p(60/59.94/50/30/29.97/25/24/23.98) 1080i(60/59.94/50) / 720p(60/50) 480i(60) / 480p(60) / 576i(50) / 576p(50)

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	1080i(60/59.94/50) 1080p(30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-296M	720p (60/59.94/50)
SMPTE-125M	480i (59.94)
ITU-R BT.656	576i (50)
Power	AC 100 ~240V (50~60Hz)
Power Consumption (Approx.)	100Watts
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Basic Accessory	AC Power Cable / Stand

### Main Body Dimensions

**Main Body** 1070.6 x 630.5 x 76.4 (mm) / 42.15 x 24.82 x 3.00 (inch)  
**With Stand** 1070.6 x 679.2 x 309.3 (mm) / 42.15 x 26.74 x 12.18 (inch)  
**Weight** 26.8 Kg / 59.08lbs



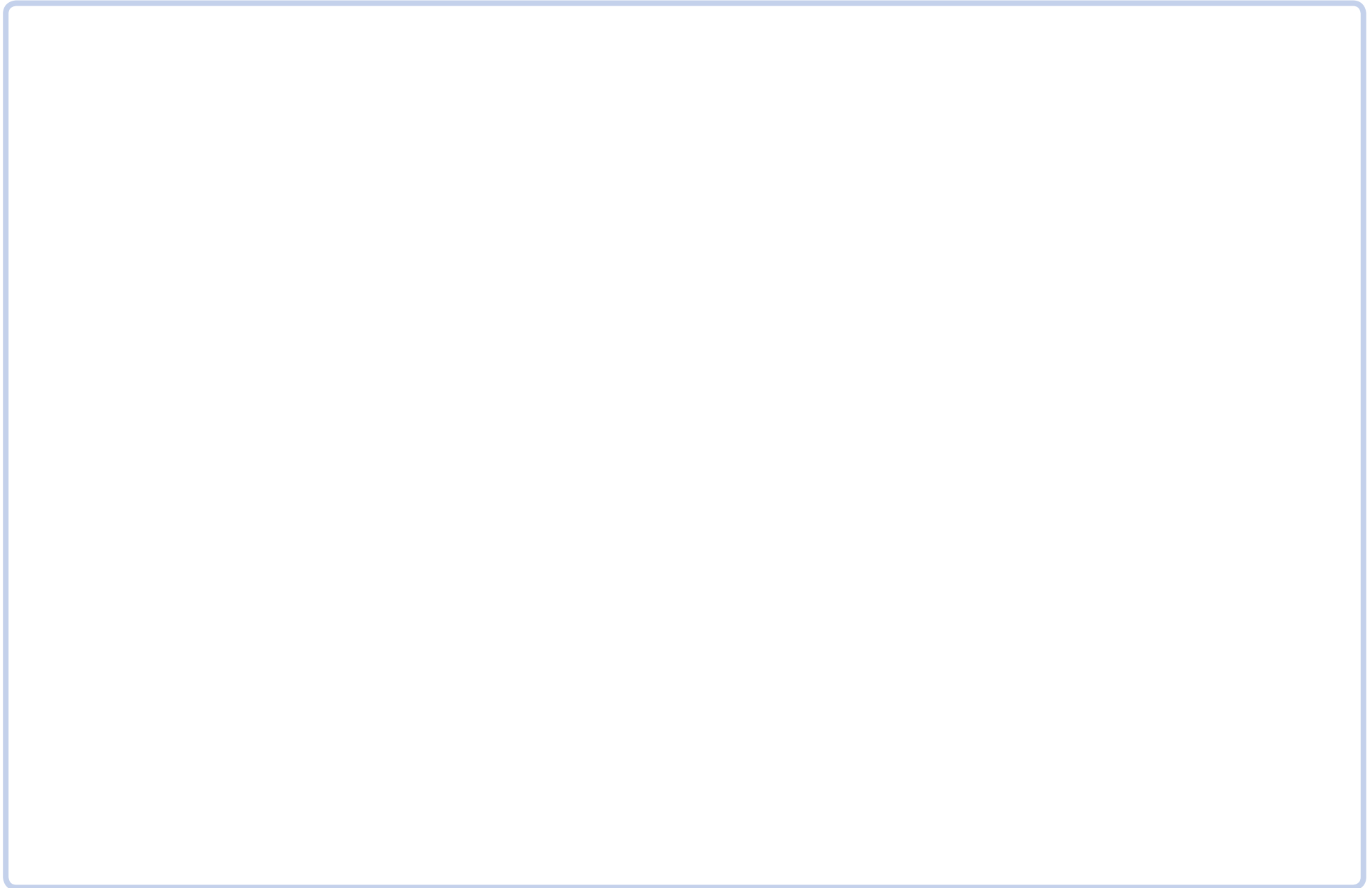
### Optional Accessories



### Product Highlights

- 46", Full HD Resolution (1920x1080)
- HDR Emulation (PQ, HLG, SLog3)
- Ember+ Protocol (LAWO)
- TSL 3.1/5.0 Support
- Selectable Output via Internal Routing
- 2 x SFP In/Out
- Auto-Calibration
- Fast Mode
- Custom 3D-LUT Import (via USB)
- Closed Caption(CC-608/708, CC-KOR)
- Waveform / Vectorscope (High Resolution)
- PBP(Picture By Picture)
- Audio Level Meter
- Time Code Display
- UMD
- User Aspect
- Various Scan Modes

## Memo



	LUM-171G	LUM-242G	LUM-242H	LUM-313G	LUM-318G	LUM-310R (Rev)	LUM-310X
Size	16.5"	24"	24"	31.1"	31.1"	31.1"	31.1"
Resolution	1920x1080	3840x2160	3840x2160	4096x2160	4096x2160	4096x2160	4096x2160
Aspect Ratio	16:9	16:9	16:9	17:9	17:9	17:9	17:9
Color Depth	1.07 B	1.07 B	1.07 B	1.07 B	1.07 B	1.07 B	1.07 B
Viewing Angle	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)
Luminance max.	450 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	1500 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	850 cd/m <sup>2</sup>	2,000 cd/m <sup>2</sup>	1,000 cd/m <sup>2</sup>
Contrast Ratio	1500:1	1200:1	1000:1	1500:1	1450:1	1,000,000:1	1,000,000:1
Fast Mode	×	×	×	×	×	×	×
Camera LUT	●	●	●	×	×	×	×
HDR Emulation	●	●	●	●	●	●	●
3G-SDI Level A/B	●	●	●	●	●	●	●
Audio Level Meter Display	●	●	●	●	●	●	●
Blue Only	●	●	●	●	●	●	●
Focus Assist	●	●	●	●	●	●	●
H/V Delay	●	●	●	●	●	●	●
Key Lock	●	●	●	●	●	●	●
Luma(Y') Zone Check	●	●	●	●	●	●	●
Marker	●	●	●	●	●	●	●
Mono	●	●	●	●	●	●	●
Range Error	●	●	●	●	●	●	●
Time Code Display	●	●	●	●	●	●	●
UMD	●	●	●	●	●	●	●
User Aspect	●	●	●	●	●	●	●
Various Scan Modes	●	●	●	●	●	●	●
Waveform / Vectorscope	●	●	●	●	●	●	●
Zoom	×	×	×	×	×	×	×
PBP	×	×	×	×	×	×	×
CC-608 ANC	●	●	●	●	●	●	●
CC-608 LINE 21	●	●	●	●	●	●	●
CC-708	●	●	●	●	●	●	●
CC-KOR	×	×	×	×	×	×	×
OP42	×	×	×	×	×	×	×
OP47	×	×	×	×	×	×	×
Various Quad Display Modes	×	×	×	×	×	×	×
3D LUT	●	●	●	●	●	●	●
Color Gamut	Rec709, DCI, Rec2020	Rec709, DCI, Rec2020	Rec709, DCI, Rec2020	Rec709, DCI, Rec2020	Rec709, DCI, Rec2020	Rec709, DCI, Rec2020	Rec709, DCI, Rec2020
Adjustable Gamma	●	●	●	●	●	●	●
3rd Party LUT Import	●	●	●	●	●	●	●



	LUM-430M	LUM-430M2	LUM-550M	LUM-550M2
Size	42.5"	42.5"	55"	55"
Resolution	3840x2160	3840x2160	3840x2160	3840x2160
Aspect Ratio	16:9	16:9	16:9	16:9
Color Depth	1.07B	1.07B	1.07 B	1.07 B
Viewing Angle	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)
Luminance max.	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>
Contrast Ratio	1000:1	1000:1	1100:1	1100:1
Fast Mode	x	x	x	x
Camera LUT	x	x	x	x
HDR Emulation	x	●	x	●
3G-SDI Level A/B	●	●	●	●
Audio Level Meter Display	●	●	●	●
Blue Only	●	●	●	●
Focus Assist	x	x	x	x
H/V Delay	x	x	x	x
Key Lock	x	x	x	x
Luma(Y') Zone Check	x	x	x	x
Marker	●	●	●	●
Mono	x	x	x	x
Range Error	●	●	●	●
Time Code Display	x	x	x	x
UMD	x	x	x	x
User Aspect	x	x	x	x
Various Scan Modes	x	x	x	x
Waveform / Vectorscope	x	●	x	●
Zoom	x	x	x	x
PBP	x	x	x	x
CC-608 ANC	x	●	x	●
CC-608 LINE 21	x	●	x	●
CC-708	x	●	x	●
CC-KOR	x	x	x	x
OP42	x	x	x	x
OP47	x	x	x	x
Various Quad Display Modes	x	x	x	x
3D LUT	x	x	x	x
Color Gamut	Rec709, DCI, Rec2020	Rec709, DCI, Rec2020	Rec709, DCI, Rec2020	Rec709, DCI, Rec2020
Adjustable Gamma	●	●	●	●
3rd Party LUT Import	●	●	●	●

# 12G / 4K Monitor

LUM-171G

LUM-242G

LUM-242H

LUM-313G

LUM-318G

LUM-310R (Rev)

LUM-310X

LUM-430M

LUM-430M2

LUM-550M

LUM-550M2

# LUM-171G 16.5" Supportive 4K HDR Emulation Monitor



Size	16.5"
Resolution	1920X1080(16:9)
Pixel Pitch	0.1905mm
Color Depth	1.07B (10bit)
Viewing Angle (Typ.)	178°(H)/178°(V)
Luminance (Max.)	450cd/m <sup>2</sup>
Contrast Ratio	1500:1
Display Area	366(H)x206(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)

### Output

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

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

### SDI Input Signal Formats

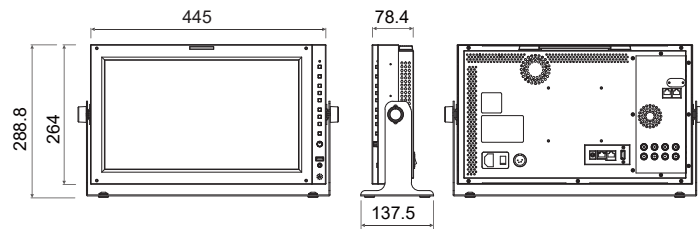
SMPTTE-425M-A/B	1080p (50/59.94/60)
SMPTTE-274M	1080p (23.98/24/25/29.97/30p/psF)
SMPTTE-296M	720p (60/59.94/50)
SMPTTE ST 2081	3840x2160 (30/25/24p/23.98/29.97p)
SMPTTE ST 2082	3840x2160 (60/50/59.94p)

Audio In	Analog Stereo
Audio Out	Analog Stereo (Phone Jack)
Power	DC 12V / AC 100~240V(50~60Hz)
Power Consumption (Approx.)	48Watts (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)
Basic Accessory	AC Power Cable / Stand



## Main Body Dimensions

**Main Body** 445 x 264 x 78.4 (mm) / 17.52 x 10.39 x 3.09 (inch)  
**With Stand** 492.2 x 288.8 x 137.5 (mm) / 19.38 x 11.37 x 5.41 (inch)  
**Weight** 7kg / 15.43lbs



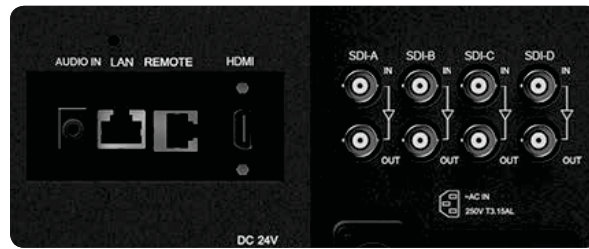
## Optional Accessories



## Product Highlights

- Practical hybrid of FHD panel + 4K Interface
- 16.5", 1920x1080 Resolution (16:9)
- 4K / UHD Interface
  - 2x12G-SDI & 2x3G-SDI in
  - 4x3G-SDI out (Loop Through Out)
  - 1xHDMI in (HDMI 2.0)
- True 24p(48Hz) driving for Digital Cinema
- 1:1 Pixel Mapping Modes for SD/HD/FHD/UHD/4K
- Waveform / Vectorscope
- H/V Delay
- Audio Level Meter
- Time Code Display
- Focus Assist
- HDR Emulation (PQ, HLG, S-Log3)

# LUM-242G *New* 24" 4K / UHD HDR Emulation Monitor



Size	24"
Resolution	3840 x 2160 (16:9)
Pixel Pitch	0.137mm
Color Depth	1.07B (10bit)
Viewing Angle (Typ.)	178°(H)/178°(V)
Luminance (Max.)	500cd/m <sup>2</sup>
Contrast Ratio	1200:1
Display Area	526(H)X296(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)
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	480p / 720p / 1080p / 2160p

SDI Input Signal Formats	
SMPTE ST 2082	3840x2160 (60/50/59.94p)
SMPTE ST 2081	3840x2160 (30/25/24p/23.98p/29.97p)
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	1080i(60/59.94/50)
	1080p(30/29.97/25/24/24sF/23.98/23.8sF)
SMPTE-296M	720p(60/59.94/50)
SMPTE-125M	480i(59.94)
ITU-R BT.656	576i(50)
Audio IN	Analog stereo
Audio OUT	Analog Stereo (Phone Jack)
Power	DC 12V / 24V / AC 100~240V(50~60Hz)
Power Consumption (Approx.)	TBD
Operating Temperature	0°C to 35°C (32°F to 95°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Basic Accessory	AC Power Cable / Stand

UHD

HDR  
Emulation

3D  
LUT

HDMI  
2.0

12G  
SDI

1:1  
Pixel Mapping

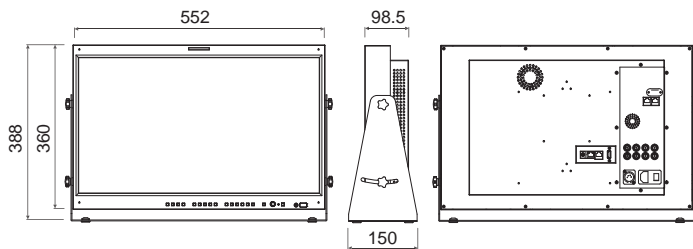
3G  
Quad Link

500  
nits

98%  
DCI

## 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



## Product Highlights

- 24", True UHD Resolution (3840x2160)
- Max Luminance 500cd/m<sup>2</sup>
- Color Gamut Covers up to DCI-P3 98%
- Improved Color Standard Switching Speed
- HDR Emulation (PQ,HLG,S-Log3)
- 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)
- TVLogic Color Calibration Utility

## Optional Accessories



# LUM-242H *New* 24" 4K / UHD High Brightness HDR Emulation Monitor



Size	24"
Resolution	3840 x 2160 (16:9)
Pixel Pitch	0.137mm
Color Depth	1.07B (10bit)
Viewing Angle (Typ.)	178°(H)/178°(V)
Luminance (Max.)	1500cd/m <sup>2</sup>
Contrast Ratio	1000:1
Display Area	527(H)X296(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)

### Output

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

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

### SDI Input Signal Formats

SMPTE ST 2082	3840x2160 (60/50/59.94p)
SMPTE ST 2081	3840x2160 (30/25/24p/23.98p/29.97p)
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	1080i(60/59.94/50)
	1080p(30/29.97/25/24/24sF/23.98/23.8sF)
SMPTE-296M	720p(60/59.94/50)
SMPTE-125M	480i(59.94)
ITU-R BT.656	576i(50)
Audio In	Analog Stereo
Audio Out	Analog Stereo (Phone Jack)
Power	DC 12V /24V / AC 100~240V(50~60Hz)
Power Consumption (Approx.)	TBD
Operating Temperature	0°C to 35°C (32°F to 95°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Basic Accessory	AC Power Cable / Stand

UHD

HDR  
Emulation

3D  
LUT

HDMI  
2.0

12G  
SDI

1:1  
Pixel Mapping

3G  
Quad Link

1500  
nits

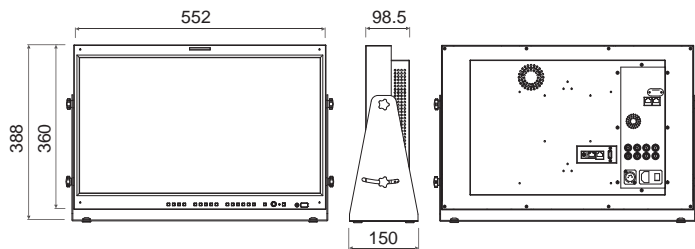
95%  
DCI

## 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



## Product Highlights

- 24", True UHD Resolution (3840x2160)
- Max Luminance 1,500cd/m<sup>2</sup>
- Color Gamut Covers up to DCI-P3 95%
- Improved Color Standard Switching Speed
- HDR Emulation (PQ,HLG,S-Log3)
- 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)
- TVLogic Color Calibration Utility

## Optional Accessories

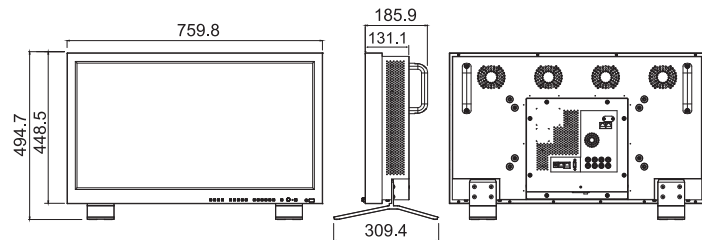


# LUM-313G 31" True 4K HDR Emulation Monitor



## 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)
- Luminance up to 350cd/m<sup>2</sup>
- 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)
- 1:1 Pixel Mapping Modes for SD/HD/FHD/UHD/4K
- Waveform / Vectorscope
- Time Code Display
- Focus Assist
- Audio Level Meter
- H/V Delay

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

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 (60/50/59.94p)
SMPTE ST2081	3840x2160 (30/25/24p/23.98p/29.97p)
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)

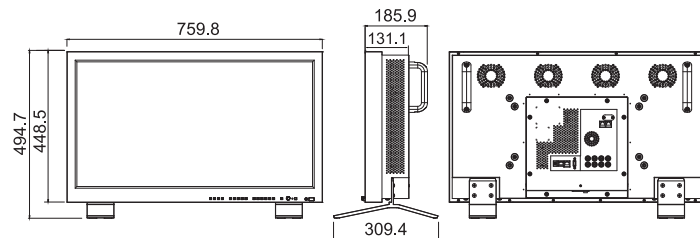
<b>Audio In</b>	Embedded Audio / Analog stereo (Phone Jack)
<b>Audio Out</b>	Analog stereo (Phone Jack)
<b>Power</b>	AC 100~240V(50~60Hz)
<b>Power Consumption(Approx.)</b>	125Watts (Max.)
<b>Operating Temperature</b>	0°C to 45°C (32°F to 113°F)
<b>Storage Temperature</b>	-20°C to 60°C (-4°F to 140°F)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

# LUM-318G 31" True 4K HDR Emulation Monitor with High Luminance



## 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** 23kg / 50.70lbs



## Optional Accessories



## Product Highlights

- 31.1", True 4K Resolution (4096 x 2160)
- Color Gamut Covers up to 92% DCI-P3
- HDR Emulation Function (PQ, HLG, S Log3)
- Luminance up to 850cd/m<sup>2</sup>
- 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)
- 1:1 Pixel Mapping Modes for SD/HD/FHD/UHD/4K
- Waveform/Vectorscope
- Time Code Display
- Focus Assist
- Audio Level Meter
- H/V Delay

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.)	850cd/m <sup>2</sup> (center)
Contrast Ratio	1450:1
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)

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 (60/50/59.94p)
SMPTE ST2081	3840x2160 (30/25/24p/23.98p/29.97p)
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)

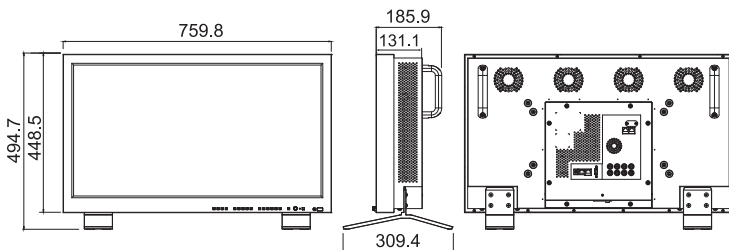
Audio In	Embedded Audio / Analog stereo (Phone Jack)
Audio Out	Analog stereo (Phone Jack)
Power	AC 100~240V(50~60Hz)
Power Consumption(Approx.)	195Watts (Max.)
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Basic Accessory	AC Power Cable / Stand

# LUM-310R *Rev* 31" True 4K HDR Reference Monitor (Local Dimming)



## 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** 31kg / 68.34lbs



## Optional Accessories



## Product Highlights

- 31.1", True 4K Resolution (4096x2160)
- Local Dimming with 2,048+ direct LEDs
- Peak Luminance up to 2,000cd/m<sup>2</sup>
- PQ (1,000nit) , HLG(Super white) mode
- Improved Color Standard Switching Speed
- Peak Contrast Ratio of 1,000,000:1
- HDR EOTFs (PQ, HLG, S-Log3)
- Various Color Gamut up to 99% DCI-P3
- Gamut Control (Clipping, Scaling)
- 1.07 Billion Colors (True 10bit)
- 1:1 Pixel Mapping Modes for SD/HD/FHD/UHD/4K
- Waveform / Vectorscope
- 4K / UHD Interface
  - 2 x 12G-SDI & 2x3G-SDI in
  - 4 x 3G-SDI out (Active Through Out)
  - 1 x HDMI in (HDMI 2.0)

Size	31.1"
Resolution	4096 x 2160 (17:9)
Pixel Pitch	0.1704mm
Color Depth	1.07B (True 10bit)
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	1,000cd/m <sup>2</sup> (max. 2,000)
Contrast Ratio	1,000,000:1
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 (Active Through Out)

Input Signal	
12G-SDI	12Gb/s
6G-SDI	6Gb/s
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
HDMI	2160p/1080p/720p/480p

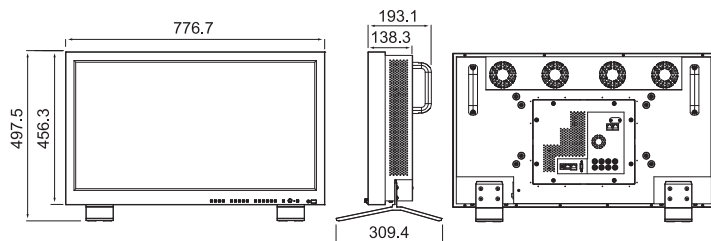
SDI Input Signal Formats	
SMPTE ST 2082	3840x2160 (60/50/59.94p)
SMPTE ST 2081	3840x2160 (30/25/24p/23.98p/29.97p)
SMPTE-425M-A/B	1080p (60/59.94/50/30/29.97/25/24/23.98/ 30sF/29.97sF/25sF/24sF/23.98sF)
SMPTE-274M	1080i(60/59.94/50)
	1080p(30/29.97/25/24/24sF/23.98/23.8sF)
SMPTE-296M	720p(60/59.94/50)
SMPTE-125M	480i(59.94)
ITU-R BT.656	576i(50)
Audio IN	Analog stereo
Audio OUT	Analog stereo (Phone Jack)
Power	AC 100~240V(50~60Hz)
Power Consumption(Approx.)	HDR on : 430Watts (Max.) HDR off: 195Watts (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)
Basic Accessory	AC Power Cable / Stand

# LUM-310X *New* 31" True 4K HDR Reference Monitor (Dual Cell)



## Main Body Dimensions

**Main Body** 776.7 x 456.35 x 193.1(mm) / 30.57 x 17.96 x 7.6(inch)  
**With Stand** 776.7 x 497.55 x 309.4(mm) / 30.57 x 19.58 x 12.18(inch)  
**Weight** 29kg / 63.93lbs



## Optional Accessories



## Product Highlights

- 31.1", True 4K Resolution (4096x2160)
- Peak Luminance up to 1,000cd/m<sup>2</sup>
- Peak Contrast Ratio of 1,000,000:1
- HDR EOTFs (PQ, HLG, S-Log3)
- Improved Color Standard Switching Speed
- Various Color Gamut up to 99% DCI-P3
- Gamut Control (Clipping, Scaling)
- 1.07 Billion Colors (True 10bit)
- 1:1 Pixel Mapping Modes for SD/HD/FHD/UHD/4K
- Waveform/Vectorscope
- 4K / UHD Interface
  - 2 x 12G-SDI & 2x3G-SDI in
  - 4 x SDI out (Active Through Out)
  - 1 x HDMI in (HDMI 2.0)

Size	31.1"
Resolution	4096 x 2160 (17:9)
Pixel Pitch	0.1704mm
Color Depth	1.07B (True 10bit)
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	1,000cd/m <sup>2</sup> (center)
Contrast Ratio	1,000,000:1
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 (Active Through Out)

Input Signal	
12G-SDI	12Gb/s
6G-SDI	6Gb/s
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
SD-SDI	270Mb/s
HDMI	2160p/1080p/720p/480p

SDI Input Signal Formats	
SMPTE ST 2082	3840x2160 (60/50/59.94p)
SMPTE ST 2081	3840x2160 (30/25/24p/23.98p/29.97p)
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	1080i(60/59.94/50) 1080p(30/29.97/25/24/24sF/23.98/23.85F)
SMPTE-296M	720p(60/59.94/50)
SMPTE-125M	480i(59.94)
ITU-R BT.656	576i(50)
Audio In	Analog stereo
Audio Out	Analog stereo (Phone Jack)
Power	AC 100~240V(50~60Hz)
Power Consumption(Approx.)	HDR on : 330Watts (Max.) HDR off : 120Watts (Max.)
Operating Temperature	0°C to 35°C (32°F to 95°F)
Storage Temperature	-20°C to 50°C (-4°F to 122°F)
Basic Accessory	AC Power Cable / Stand

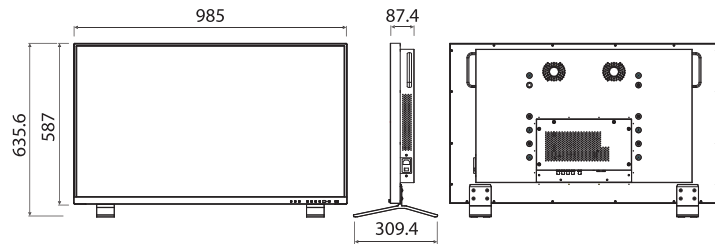


# LUM-430M 43" 4K/UHD 12G-SDI Wall Monitor



## Main Body Dimensions

**Main Body** 985 x 587 x 87.4(mm) / 38.77 x 23.11 x 3.44(inch)  
**With Stand** 985 x 635.6 x 309.4(mm) / 98.77 x 25.02 x 12.18(inch)  
**Weight** 23.0kg / 50.70(lbs)



## Optional Accessories



## Product Highlights

- 42.5", True UHD Resolution (3840x2160)
- 4K / UHD Interface
  - 2x12G-SDI (Single Link) or 4x3G-SDI in (Quad Link)
  - 1xHDMI 2.0 in
  - 1x12G/6G/3G/HD-SDI out
- 1:1 Pixel Mapping
- Audio Level Meter
- Ultra Slim Bezel
- IR Remote Control
- Time Code Display

Size	42.5"
Resolution	3840x2160(16:9)
Pixel Pitch	0.2451mm
Color Depth	1.07B (10bit)
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Typ.)	350cd/m <sup>2</sup>
Contrast Ratio	1000:1
Display Area	962(H) x 554(V) mm

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
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 2.0	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 1.4	3840x2160 30p/29.97p/25p/24p*/23.98p* (RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2 8/10/12bit)
HDMI 1.2	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 (3.5m 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)
Basic Accessory	AC Power Cable / IR Remote / Stand

# LUM-430M2 *New* 43" 4K/UHD HDR Emulation Monitor



**12G**  
SDI

**HDMI**  
2.0

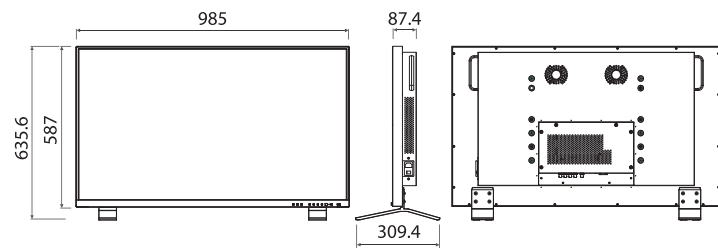
**UHD**

**3G**  
Quad Link

**HDR**  
Emulation

## Main Body Dimensions

**Main Body** 985 x 587 x 87.4(mm) / 38.77 x 23.11 x 3.44(inch)  
**With Stand** 985 x 635.6 x 309.4(mm) / 98.77 x 25.02 x 12.18(inch)  
**Weight** 23.0kg / 50.70(lbs)



## Optional Accessories



## Product Highlights

- 42.5", True UHD Resolution (3840x2160)
- 4K / UHD Interface
  - 2x12G-SDI (Single Link) or 4x3G-SDI in (Quad Link)
  - 1xHDMI 2.0 in
  - 1x12G/6G/3G/HD-SDI out
- HDR Emulation (PQ, HLG, S-Log3)
- CC 608 LINE 21/ ANC / CC-708
- Waveform / Vectorscope
- IR Remote Control
- Audio Level Meter
- Time Code Display
- Ultra Slim Bezel

<b>Size</b>	42.5"
<b>Resolution</b>	3840x2160(16:9)
<b>Pixel Pitch</b>	0.2451mm
<b>Color Depth</b>	1.07B (10bit)
<b>Viewing Angle (Typ.)</b>	178°(H) / 178°(V)
<b>Luminance (Typ.)</b>	350cd/m <sup>2</sup>
<b>Contrast Ratio</b>	1000:1
<b>Display Area</b>	962(H) x 554(V) mm

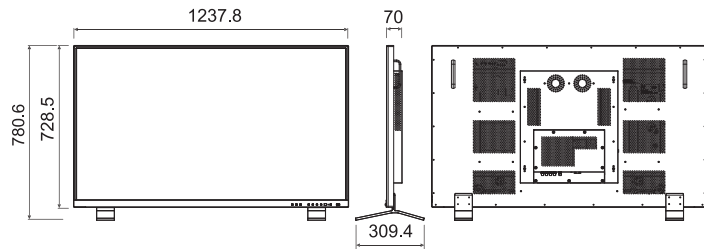
Input	
4 x BNC	12G/3G/HD/SD SDI Input 2Ch 3G/HD SDI Input 2Ch
1 x HDMI	HDMI V2.0 Input 1Ch
Output	
1 x BNC	12G/3G/HD/SD SDI Output 1Ch (SDI A/B Selected channel output) 12G Mode : 3840x2160 60p/59.94p/50p
Input Signal	
12G-SDI	12Gb/s
6G-SDI	6Gb/s
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
HDMI	2160p/1080p/720p (HDMI 2.0)
SDI Input Signal Formats	
SMPTE ST2048-1	4096x2160 (50~60p)
SMPTE ST2082-10 Mode1	3840x2160 60p/59.94p/50p (12G-SDI x 2Ch)
SMPTE ST2081-10 Mode1	3840x2160 30p/29.97p/25p/24p*/23.98p* (6G-SDI x 2Ch)
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 ST2048-1:2110	2048x1080 23.98p/24p/25p/29.97p/30p
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 2.0	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 1.4	3840x2160 30p/29.97p/25p/24p*/23.98p* (RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2 8/10/12bit)
HDMI 1.2	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 (3.5m 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)
Basic Accessory	AC Power Cable / IR Remote / Stand

# LUM-550M 55" 4K/UHD Wall Monitor with Ultra Slim Bezel



## 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



## Optional Accessories



## Product Highlights

- 55", True UHD Resolution (3840x2160)
- 4K / UHD Interface
  - 2x12G-SDI (Single Link) or 4x3G-SDI in (Quad Link)
  - 1xHDMI 2.0 in
  - 1x12G/6G/3G/HD-SDI out
- 1:1 Pixel Mapping
- Audio Level Meter
- Time Code Display
- IR Remote Control
- 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) x 680.40(V) mm

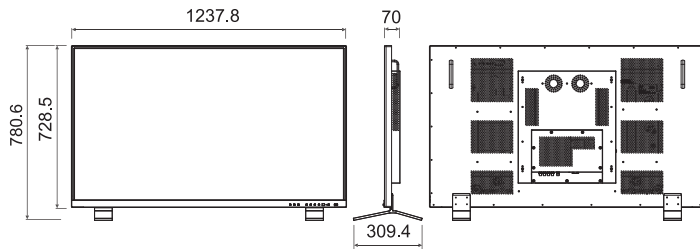
Input	
4 x BNC	12G/3G/HD/SD SDI Input 2Ch 3G/HD SDI Input 2Ch
1 x HDMI	HDMI 2.0 Input 1Ch
Output	
1 x BNC	12G/3G/HD/SD SDI Output 1Ch (SDI A/B Selected channel output) 12G Mode : 3840x2160 60p/59.94p/50p (All Input Format Converted to 12G-SDI)
Input Signal	
12G-SDI	12Gb/s
6G-SDI	6Gb/s
3G-SDI	2.970Gb/s
HD-SDI	1.485Gb/s
HDMI	2160p/1080p/720p (HDMI 2.0)
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 2.0	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 1.4	3840x2160 30p/29.97p/25p/24p*/23.98p* (RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2 8/10/12bit)
HDMI 1.2	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)
Basic Accessory	AC Power Cable / IR Remote / Stand

# LUM-550M2 *New* 55" 4K/UHD HDR Emulation Wall Monitor



## 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



## Optional Accessories



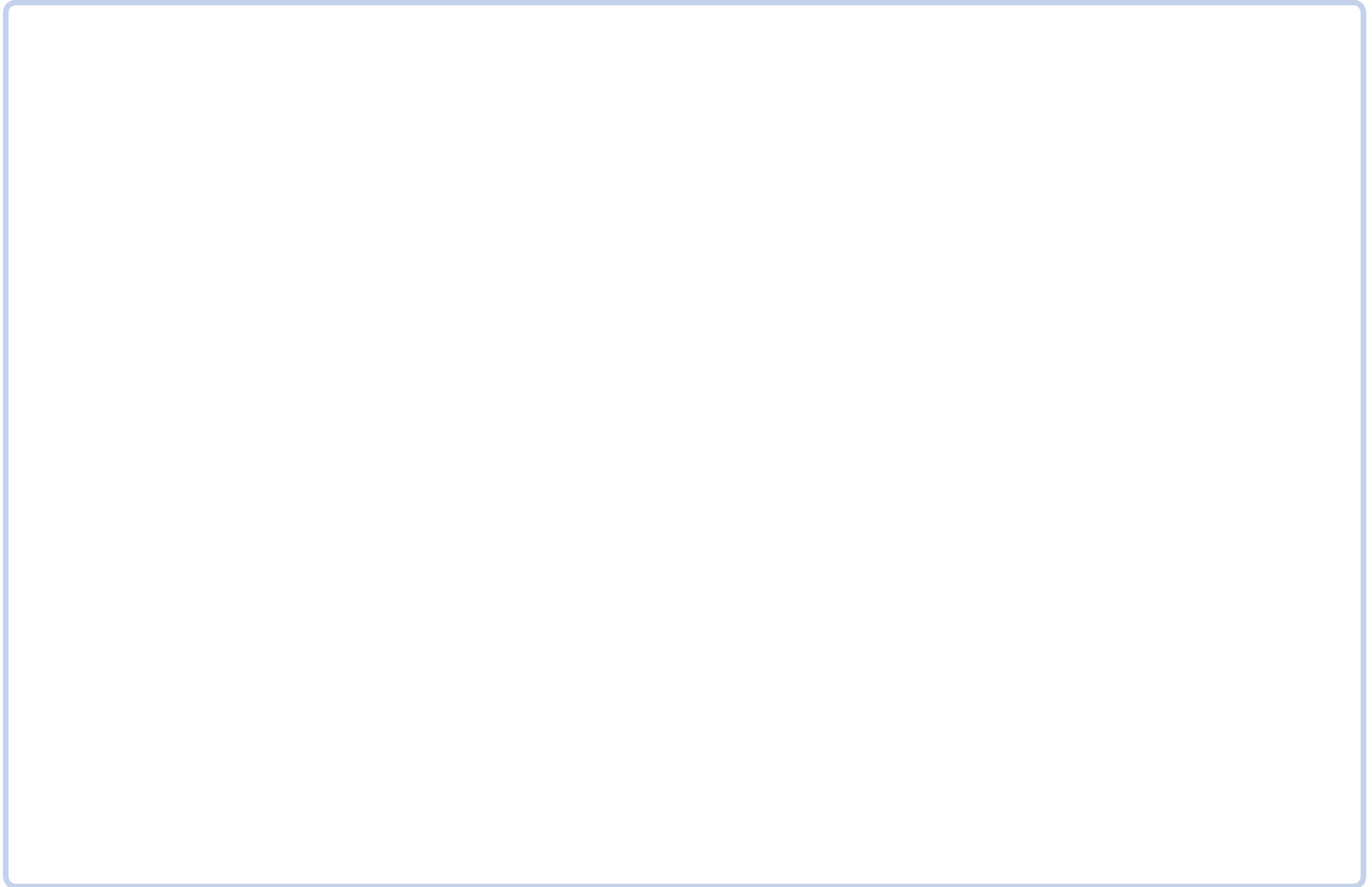
## Product Highlights

- 55", True UHD Resolution (3840x2160)
- 4K / UHD Interface
  - 2x12G-SDI (Single Link) or 4x3G-SDI in (Quad Link)
  - 1xHDMI 2.0 in
  - 1x12G/6G/3G/HD-SDI out
- HDR Emulation
- CC 608 LINE 21/ ANC / CC-708
- Waveform/ Vectorscope
- Audio Level Meter
- Time Code Display
- IR Remote Control
- Ultra Slim Bezel
- HDMI to SDI Conversion

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

Input	
4 x BNC	12G/3G/HD/SD SDI Input 2Ch 3G/HD SDI Input 2Ch
1 x HDMI	HDMI 2.0 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)
SDI Input Signal Formats	
SMPTE ST2048-1	4096x2160 (50~60p)
SMPTE ST2082-10 Mode1	3840x2160 60p/59.94p/50p (12G-SDI x 2Ch) 4096x2160 50~60p
SMPTE ST2081-10 Mode1	3840x2160 30p/29.97p/25p/24p*/23.98p* (6G-SDI x 2Ch)
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 ST2048-1:2110	2048x1080 23.98p/24p/25p/29.97p/30p
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 2.0	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 1.4	3840x2160 30p/29.97p/25p/24p*/23.98p* (RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2 8/10/12bit)
HDMI 1.2	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)
<b>Audio In</b>	SDI Embedded Audio (Group, Ch Selectable)
<b>Audio Out</b>	External Output Port (3.5m Phone Jack)
<b>Power</b>	100~240V, 1.3~0.6A/ 50/60Hz
<b>Power Consumption (Approx.)</b>	96Watts (Max.)
<b>Operating Temperature</b>	0°C to 40°C (32°F to 104°F)
<b>Storage Temperature</b>	-20°C to 60°C (-4°F to 140°F)
<b>Basic Accessory</b>	AC Power Cable / IR Remote / Stand

## Memo



Appendix Optional Accessories

	Acrylic Protector	Acrylic ND Filter	Rack Mount Kit (Dual, Single)	Camera Mount Ball Head	V-Mount / Gold Mount	Battery Bracket	D-Tap Cable	External Tally	Sun-Hood	Carrying Case	HDMI Bracket
F-7H	●			●	● (V, G)	●	● Included Free		●	● (Pelican)	●
F-7H mk2	●			●	● (V, G)	●	● Included Free		●	● (Pelican)	●
VFM-055A	● Included Free			●		●	● Included Free		●	●	●
F-5A	● Included Free			●		●	● Included Free		●	●	●
F-10A				●	● (V, G)	●	● Included Free				
LVM-075A	● Included Free		● (D, S)	●	● (V, G)	●	● Included Free	●	●	●	●
LVM-095W-N	●		● (D, S)	●					●	●	●
LVM-170A		●	● (S)		● (V, G)				●	●	
LVM-171A	●	●	● (S)		● (V, G)				●	●	
LVM-171S	●	●	● (S)		● (V, G)				●	●	
LVM-212W			● (S)							●	
LVM-232W-A		●	● (S)		● (V, G)					●	
LVM-241S	●	●	● (S)		● (V, G)					●	
LVM-246W	●	●	● (S)		● (V, G)					●	
LVM-328W										●	
S-46P										●	
LVM-420A										●	
LVM-460A										●	
LVM-550A										●	
LUM-171G	●	●	● (S)		● (V, G)				●	●	
LUM-242G		●	● (S)		● (V, G)					●	
LUM-242H		●	● (S)		● (V, G)					●	
LUM-313G										●	
LUM-318G										●	
LUM-310R										●	
LUM-310X										●	
LUM-430M											
LUM-430M2											
LUM-550M											
LUM-550M2											

\* S=Single, D=Dual/D-Tap Cable, V=V-Mount, G=Gold Mount

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