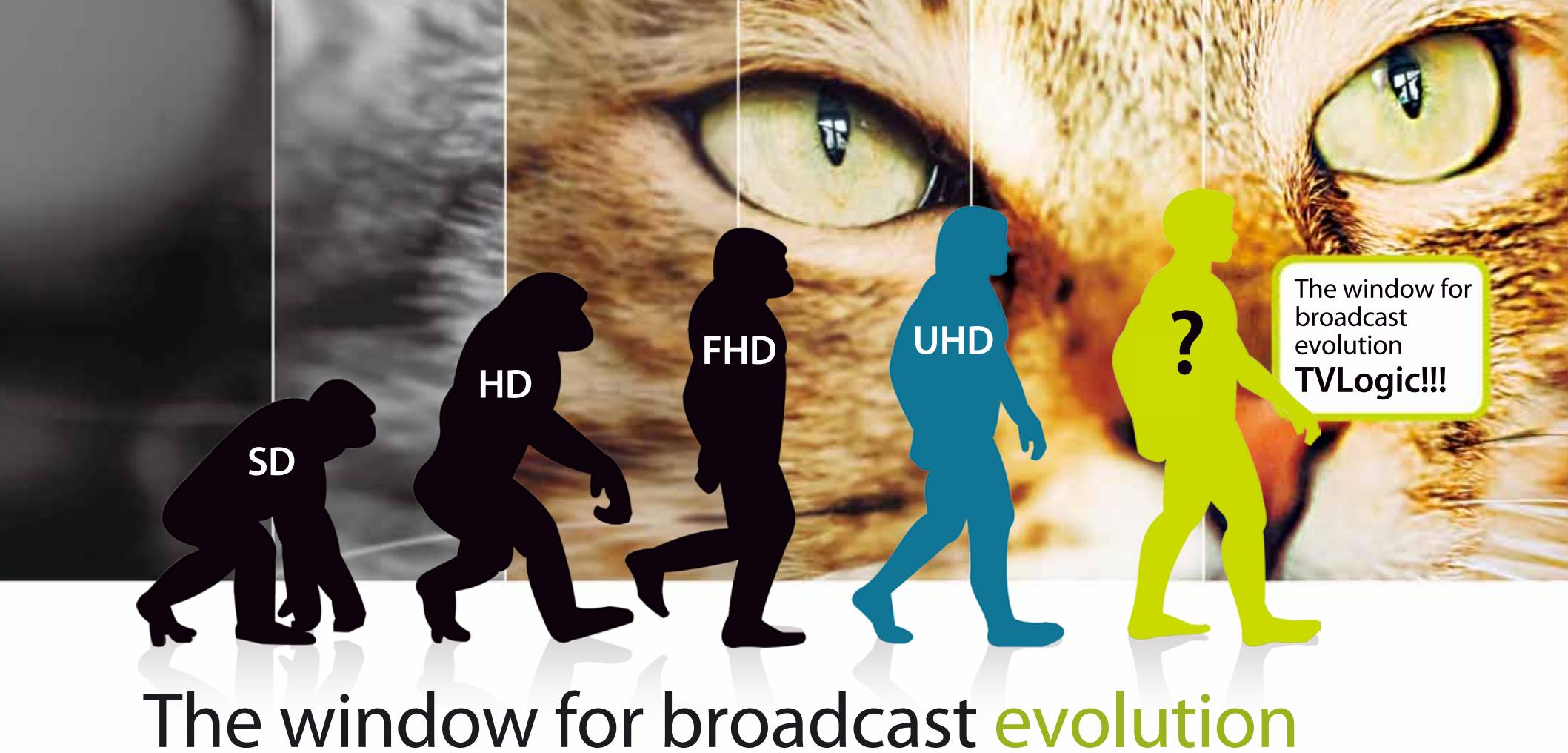


# Total Solution for Broadcast Display

4K UHD  
Studio Wall  
Color-Critical Reference  
On-Camera  
Rack-Mountable



*Any Size. Any Source. Any Place. TVLogic is Always on Air.*



## The window for broadcast **evolution**

**LUM-170G & 240G**  
12G-SDI single link 4K



**TMV-4000G + LUM-550M**  
4K multi-viewer & monitor



**LVM-075A & 070C**  
7" FHD & Field monitors



# TVLogic Product Lineup 2015



	VFM SRM	RKM	LVM	SWM	LHM	XVM	LEM	LUM	LQM	TDM
4"~			443A							
5"~	056WP 058W		356A							
7"~	SRM- 074W-N	270A		070C <i>New</i> 074W 075A <i>New</i>				071W		
9"~	SRM- 095W	290A		095W-N						
17"~			174W 176W 173W-3G 170A 182W-A	170A		177A <i>Coming Soon</i>		170G <i>New</i>	171W	
20"~			212W							
23"~			232W-A 245W 246W	240A		245W-N	250A	240G <i>New</i>	241W	243W
30"~			327W	320A		325W		310A		
40"~				420A 460A 550A	420A 460A 550A			550W	473W	

## Viewfinder

- VFM-056WP ..... 08  
VFM-058W ..... 09

## Rack Mountable

- RKM-443A/356A ..... 10  
RKM-270A/290A ..... 11

## Multi Format

- LVM-070C *New*  
LVM-074W/SRM-074W-N ..... 12  
LVM-075A *New*  
LVM-095W-N/SRM-095W ..... 13  
LVM-174W ..... 14  
LVM-176W ..... 15  
LVM-173W-3G ..... 16  
LVM-170A ..... 17  
LVM-182W-A ..... 18  
LVM-212W ..... 19  
LVM-232W-A ..... 20  
LVM-245W ..... 21  
LVM-246W ..... 22  
LVM-327W ..... 23  
LVM-327W ..... 24  
LVM-327W ..... 25

## Studio Wall Monitor

- SWM-170A ..... 26  
SWM-240A ..... 27  
SWM-320A ..... 28  
SWM-420A ..... 29  
SWM-460A ..... 30  
SWM-550A ..... 31

## Multi Viewer Monitor

- LHM-420A / 460A / 550A ..... 32

## Precision Monitor

- XVM-245W-N ..... 33  
XVM-325W ..... 34

## OLED Monitor

- LEM-250A ..... 35

## 12G / 4K Display

- LUM-170G *New*  
LUM-240G *New*  
LUM-310A ..... 36  
LUM-550W ..... 37  
LUM-310A ..... 38  
LUM-550W ..... 39

## QUAD LCD

- LQM-071W ..... 40  
LQM-171W ..... 41  
LQM-241W ..... 42

## Stereoscopic 3D

- TDM-243W / TDM-473W ..... 43

## Optional Accessories

- ..... 44

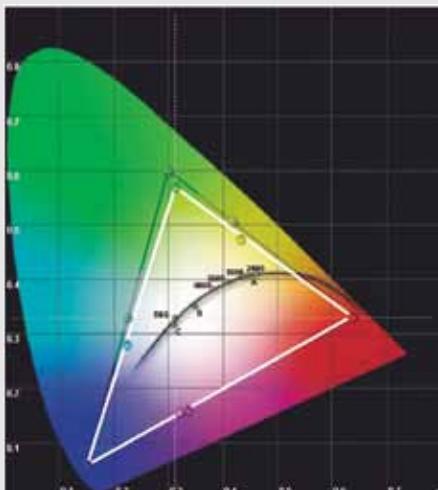
# About TVLogic Monitors

## Accurate Color, Precise Calibration, and Field Upgradability

**TVlogic®** Always ON-AIR

### ACCURATE COLOR REPRODUCTION

TVLogic monitors support color gamuts that conform to the ITU standard and match EBU/Rec. 709 specifications for HD broadcast video, allowing for accurate and standardized color reproduction.



### FIELD UPGRADABILITY

All TVLogic monitors are field upgradable using an optional handheld upgrade tool that quickly and easily loads firmware updates into individual monitors.

TVLogic offers all standard feature upgrades and firmware updates free for a period of two years to users who update a supported TVLogic monitor via our handheld upgrade tool.



### Observer system

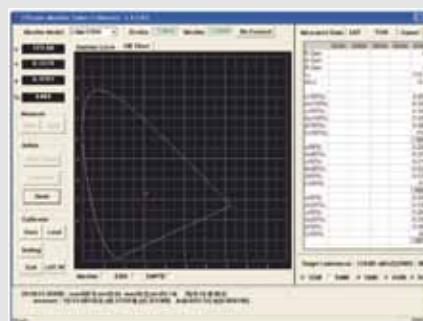
'Observer' is a free wall monitor management software via network. It provides you with comprehensive control over the multiple monitors via Ethernet or RS-422. Turning on and off the power, controlling the OSD menu or short cut keys can be managed on the user's PC. Observer also provides firmware upgrade function, which is only available via Ethernet connection.



### COLOR CALIBRATION

All TVLogic monitors are calibrated prior to shipment for optimal luminance, gamma and color temperature measurements. With use, however, backlights age differently. So, we also offer an optional TVLogic Color Calibration Utility that automatically realigns our monitors for accurate color reproduction. Four different measurement probes are supported that cover various requirements of sensitivity, speed and budget.

TVLogic recommends the Klein K-10 probe as it offers both fast and highly accurate calibration as well as broad compatibility with the entire TVLogic line. Additional supported probes include the X-Rite i1Display Pro by TVLogic OEM (included with TVLogic Color Calibration Utility Software), as well as the more advanced Konica Minolta CA-210 Color Analyzer and DKTechnologies PM5639.



### PREFERRED FEATURES

Most TVLogic monitors are bundled with standard desktop stands and offer many features, such as 608/708 closed captioning support, 3D LUT import and export, Active Format Description support, built-in Waveform and Vectorscope, 3G input, rack mount options and more that make them the most versatile broadcast and professional monitors in the industry.

# About TVLogic Monitors

## Industry-Leading Broadcast Features and Superior Video Engineering



### FLEXIBILITY

#### True Multi-Format Support

SD and HD digital as well as analog TV standards (NTSC, PAL, SECAM) are fully supported. Additionally, VGA, DVI, Component, CVBS, S-VIDEO, HDMI, 3G-SDI support is standard on LVM-XX3Ws, LEM, LUM, TDM and XVM series monitors.

#### Slim & Smart Design

Slim, single-piece integrated design and easy-to-use rack mount kits for 7" - 24" monitors allow for flexible installation with any application from mobile production to master control room and everything in between.

### SUPERIOR PICTURE QUALITY

#### Full Native HD Resolution

The 5.5", 7", 9", 17", 21", 23", 24", 32", 42", 46", 47" and 55" models support native Full HD resolution of 1920 x 1080 pixels.

Models 18.5" and below offer full native resolution support of 720p. All monitors are capable of full screen native, full screen scaled or 1:1 pixel mapped display at each screen's maximum resolution.

And all models can be automatically calibrated with our optional Color Calibration Utility.

#### 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.

#### Accurate Colorimetry

TVLogic's advanced automatic alignment technology ensures matching displays that are calibrated to precise Rec. 709 (=ITU-R BT.709) specifications.

### BROADCAST FEATURES

- Multi-Format Support (480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 1080PsF, 2K, 4K)
- Assignable Remote Control
- H/V Delay / User Aspect
- Blue Only / Mono
- Wide Variety of Markers & Safety Areas including User Defined Markers
- AutoSensing AutoSwitching HD/SD-SDI Inputs
- Multi-Format Analog / Digital Signal Support (CVBS / S-Video / Component Video / RGB / DVI or VGA / HDMI)
- HDMI input (HDCP decryption)
- 2 x Reclocked Active Thru (SDI)
- 3G / Dual-Link compatibility on 5.5", 5.6", 7", 9", 17", 18", 21", 23", 24", 32", 42", 46", and 55" units (except LVM-XX2Ws)
- Built in Audio Disembedder and Internal Speakers
- Selectable Color Temperature (3200K, 5000K, 5600K, 6500K, 9300K and user-defined modes)
- Source ID function / UMD (ANC, Manual, Dynamic and User)
- Timecode display (VITC & LTC)
- Closed Caption decoding (CEA-608 / 708)
- Brightness, Contrast, Chroma, Hue and Backlight adjustability
- Waveform / Vectorscope
- Firmware update using TVLogic Update Tool



## ↑ VFM SERIES

The VFM-056WP and VFM-058W are ideal for HDSLR production. A compact and light-weight magnesium-alloy case houses a 5.6" native 1280x800 resolution and 5.5" Full HD 1920x1080 resolution LED backlit LCD display with a full complement of preferred features, including DSLR Scale, Focus Assist, Various Scan Modes, Markers, Audio Level Meter with speaker, Time Code Display, HDMI-SDI conversion output, Waveform/Vectorscope, Luma(Y') Zone Check and Range Error.

The VFM-056WP and the VFM-058W offer outstanding picture quality and includes mounting holes on top, bottom, right and left for convenient mounting on or near the camera. TVLogic also provides various optional accessories including Sun-Hood, Acrylic Protector Screen and Battery Brackets to meet the needs of professional HDSLR and Compact Digital Cinema Camera operators.



## ↑ LHM SERIES

The LHM Series offers excellent cost-effective performance for Multi-Viewer and Digital signage applications. The LHM series monitors include HDMI and DVI inputs and offer an optional digital HD-SDI input.



## ↑ XVM SERIES

Utilizing the XVM Series provides highly accurate color reproduction as required by the most demanding monitoring applications. Our most color-accurate LCD and featuring a full 10-bit display driver, high-purity RGB matrix LED backlight system(EEFL for XVM-325W) and TVLogic's most advanced video processing engine.

Advanced color management is achieved using the XVM's built-in 3D Look-Up-Table to import/export 3rd party 3D LUTs and precisely reproduce various color gamuts with excellent grayscale linearity.

The XVM supports a full range of HD and SD digital formats including standard Analog, HDMI, DVI input single and dual-link plus 3G-SDI.



## ↑ LVM SERIES

The LVM Series is designed to offer superior picture quality, wide viewing angle and functions which are needed for professionals. Eleven sizes and fourteen models offer best solution from field recording to master monitoring in studio.

## ↓ RKM SERIES

Four brand-new rack-mountable monitors with 3G-SDI capability and professional features such as Audio Level Meter, Time Code Display, Waveform/Vectorscopes and etc.



The LVM series monitors are compatible with most standard input format. So the LVM series is ideal for a wide range of applications around the world.

Also slim, single-piece integrated design, low power consumption and easy-to-use rack mount kits for 7" - 24" monitors allows for flexible installation.

The LVM series provides various broadcast features including Waveform, Vectorscope, Focus Assist, Embedded Audio Level Meter, Closed Caption, UMD, Marker and 1:1 pixel mode.

# TVLogic Monitor Series

**TVlogic®** Always ON-AIR



## ► TDM SERIES

The TDM Series offers two 2D and passive 3D monitors for broadcasters and professionals working with stereoscopic content. Utilizing circular polarized 24" or 47" LCD panels with 1920 x 1080 resolution and wide viewing angles, the TDM Series offers outstanding picture quality in both 2D and 3D modes.

The TDM series monitors feature various functions like Waveform, Vectorscope, Under Monitor Display, Closed Caption, Timecode, Marker, Picture-by-Picture mode, Horizontal Flip and On-Screen Audio Level Meter. A built-in 3D Look-Up Table allows import/export of 3rd party 3D LUTs for precise color management in both 2D and stereoscopic modes.

## ◆ SWM SERIES

The SWM series monitors are newly designed for the best match for the studio walls. A clean bezel with only a power button and a small indication lamp secures the best monitoring condition for the users. Along with the traditional interfaces of SDI, HDMI and DVI, the optical fiber interface has been added for the user's choice. It supports video formats up to 3G-SDI and professionals features such as Marker, Timecode, Audio Level Meter, various CCs and UMDs.



## ▲ LEM SERIES

TVLogic has introduced the world's first AMOLED broadcast monitor in 2010. The LEM-150, the 15" HD resolution OLED monitor showed great possibility that the new display technology can contribute to the motion picture quality for professionals. Now TVLogic is back with AM-OLED monitor, the LEM-250A and the LEM-250C.



## ▼ LQM SERIES

The LQM Series is the ideal choice for flexible full-screen and/or multi-channel picture and Waveform / Vectorscope monitoring of three or more sources.

TVLogic's LQM series has superior picture quality and offers maximum space, power and cost efficiencies versus individual monitoring solutions.



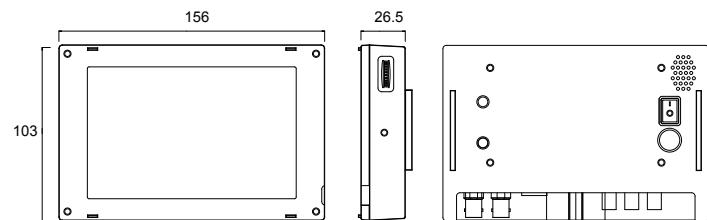
# Viewfinder LCD Monitors

## VFM-056WP



### Main body Dimensions

- Main Body : 156 x 103 x 26.5 (mm) / 6.14 x 4.06 x 1.04 (inch)
- Weight : 0.3kg / 0.66lbs



### LCD

Size	5.6"
Resolution	<b>1280 x 800 (16 : 10)</b>
Pixel Pitch	0.0945mm
Color Depth	16.7M
Viewing Angle (Typ.)	170°(H) / 170°(V)
Luminance (Max.)	300cd/m <sup>2</sup> (center)
Contrast Ratio	500:1
Display Area	121(H) x 76(V) mm

**TVlogic®** Always ON-AIR

### 5.6" Light Weight Compact Viewfinder

The VFM-056WP is available in two configurations and is ideal for HD-SLR production. A 6"x 4"x 1" lightweight magnesium-alloy case houses a 5.6" 1280x800 LED backlit LCD display with a full complement of preferred features including DSLR Scale, Focus Assist, Various Scan Modes, Markers, Audio Level Meter with speaker, Timecode Display, HDMI loop out via HD-SDI (720p), Waveform/ Vectorscope, Y Level Check and Range Error Check.



### Product Highlights

- **5.6" 1280x800 (16:10) Resolution**
- Magnesium Housing + Light Weight
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- Focus Assist
- H/V Delay
- Luma(Y') Zone Check
- Marker
- Max Brightness On / Off
- Mono
- Range Error
- Temperature Adaptive Color
- Time Code Display
- User Aspect
- Various Scan modes
- Waveform/Vectorscope
- Zoom

### Input

3 x RCA	Analog Video Input
1 x BNC	SDI Channel Input
1 x HDMI	HDMI(1.2Ver) Input

### Output

1x BNC	HDMI-to-SDI conversion output
--------	-------------------------------

### Input Signal

Analog	CVBS / S-Video / Component Video
3G-SDI	2.970Gb/s
HD-SDI	1.485Gbps
SD-SDI	270Mbps
HDMI	1080p (24/25/30/50/60)/1080i(50/60)/720p (50/60)/480i(60)/480p(60)/576i(50)/576p(50) & VESA/ IBM Modes

### Analog Input Spec

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

SMPTÉ-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)
SMPTÉ-274M	1080i (60/59.94/50)
SMPTÉ-296M	1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPTÉ-260M	720p (60/59.94/50)
SMPTÉ-125M	1035i (60/59.94)
ITU-R BT.656	480i (59.94)
Audio In	576i (50)
Audio Out	Embedded Audio
Power	Analog Stereo (Phone Jack) / Internal Speaker (Mixed Mono)
Power Consumption (Approx.)	DC 12V/3A (Max 6.0A)
Operating Temperature	8.4Watts(Typ.)
Storage Temperature	0°C to 40°C (32°F to 104°F)
Accessory	-20°C to 60°C (-4°F to 140°F )
	AC Power Cord / DC Power Adaptor / BNC Connector / Camera Mount Support

\* Specifications may be changed without notice.

### Optional Accessories



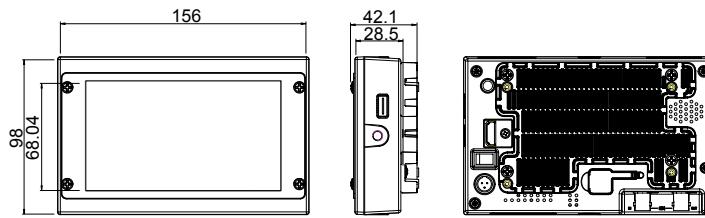
# Viewfinder LCD Monitors

## VFM-058W



### Main body Dimensions

- Main Body : 156 x 98 x 28.5 (mm) / 6.14 x 3.85 x 1.12 (inch)
- Weight : 0.34kg / 0.74lbs
- Weight (heatsink) : 0.12kg / 0.26lbs



LCD	
Size	5.5"
Resolution	1920 x 1080 (16 : 9)
Pixel Pitch	0.063mm
Color Depth	16.7M
Viewing Angle (Typ.)	160°(H) / 160°(V)
Luminance (Max.)	450cd/m <sup>2</sup> (Typ.)
Contrast Ratio	1000:1
Display Area	121(H) x 68(V) mm

### 5.5" Full HD Viewfinder

The VFM-058W, the lightweight viewfinder monitor, offers an outstanding picture quality with 5.5" LCD and Full HD resolution of 1920 x 1080. Innovative and ergonomic design of VFM-058W makes you comfortable in the shooting environment and its light solid magnesium case achieves the highest efficiency of ventilation. The VFM-058W supports multi-formats including 3G/HD/SD-SDI and HDMI that offers a wide application range from DSLR cameras to Pro camcorder for broadcasting and movie shooting. The VFM-058W has various features such as Max Brightness function, Temperature Adaptive Color, HDMI-to-SDI conversion output, 1:1 pixel mode, Luma(Y') Zone Check function, DSLR Scale, Waveform/Vectorscope, Range Error, Focus Assist, Markers, Audio Level Meter with speaker and Timecode display.



### Product Highlights

- 5.5" 1920x1080 (16:9) Resolution
- HDMI ↔ SDI cross conversion
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- Focus Assist
- H/V Delay
- H/V Flip
- Key lock
- Luma(Y') Zone Check
- Marker
- Max Brightness On / Off
- Mono
- Range Error
- Temperature Adaptive Color
- Time Code Display
- User Aspect
- Various Scan modes
- Waveform/Vectorscope
- Zoom

#### Input

1 x BNC	SDI Input
1 x HDMI	HDMI(1.2Ver) Input

#### Output

1x BNC	HDMI-to-SDI conversion output
1x HDMI	HDMI Output

#### Input Signal

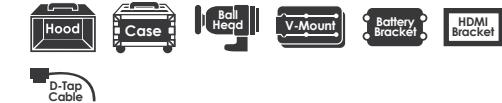
3G-SDI	2.970Gb/s
HD-SDI	1.485Gbps
SD-SDI	270Mbps
HDMI	1080p (24/25/30/50/60)/1080i(50/60)/720p(50/60)/480i(60)/480p(60)/576i(50)/576p(50) & VESA/IBM Modes

#### 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
Audio Out	Analog Stereo (Phone Jack) / Internal Speaker (Mono)
Power	DC 12V/3A (Max 6.0A)
Power Consumption (Approx.)	9.6Watts(Typ.)
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Accessory	AC Power Cord / DC Power Adapter / Camera Mount Support / BNC Connector / Acrylic Protector

\* Specifications may be changed without notice.

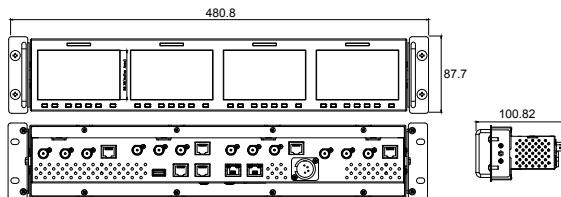
### Optional Accessories



# 3G-SDI Multi-Channel LCD Rack Monitors

## RKM-443A      RKM-356A

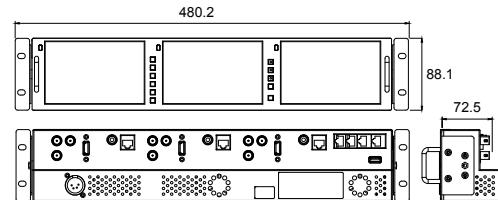
**TVlogic®** Always ON-AIR



A brand-new rack-mount monitor with 4 × 4.3" LCD screens with high luminance of 600cd/m<sup>2</sup> and reasonable resolution of 800 x 480 for the size. It supports SDI in/out and CVBS video input.

### Product Highlights

- **4.3" 800 x 480 (15:9) Resolution**
- 1:1 Pixel Mapping Modes for SD/HD
- 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
- CC-608 ANC
- CC-608 LINE 21
- CC-708



A brand-new rack-mount monitor with 3 × 5.6" LCD screens, which has the same high performance display as VFM-056WP. High resolution of 1280 x 800 and wide viewing angle. It supports SDI in/out and HDMI input.

### Product Highlights

- **5.6" 1280 x 800 (16:10) Resolution**
- 1:1 Pixel Mapping Modes for SD/HD
- 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
- CC-608 ANC
- CC-608 LINE 21
- CC-708

Model	RKM-443A	RKM-356A
Size	4.3"	5.6"
Resolution	800 x 480 (15 : 9)	1280 x 800 (16 : 10)
Pixel Pitch	0.117mm	0.094mm
Color Depth	16.7M	16.7M
Viewing Angle (Typ.)	160°(H) / 160°(V)	170°(H) / 170°(V)
Luminance (Max.)	600cd/m <sup>2</sup> (center)	300cd/m <sup>2</sup> (center)
Contrast Ratio	1000:1	500:1

#### Input (1 Screen)

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

#### Output (1 Screen)

1 x BNC	SDI Channel Output	SDI Channel Output
---------	--------------------	--------------------

#### Input Signal

Analog	CVBS	CVBS
3G SDI	2.970Gbps	2.970Gbps
HD-SDI	1.485Gbps	1.485Gbps
SD-SDI	270Mbps	270Mbps
HDMI	1080p(24/25/30/50/60) / 1080i(50/60) / 720p(50/60) / 480i(60) / 480p(60) / 576i(50) / 576p(50) & VESA / IBM Modes	1080p(24/25/30/50/60) / 1080i(50/60) / 720p(50/60) / 480i(60) / 480p(60) / 576i(50) / 576p(50) & VESA / IBM Modes

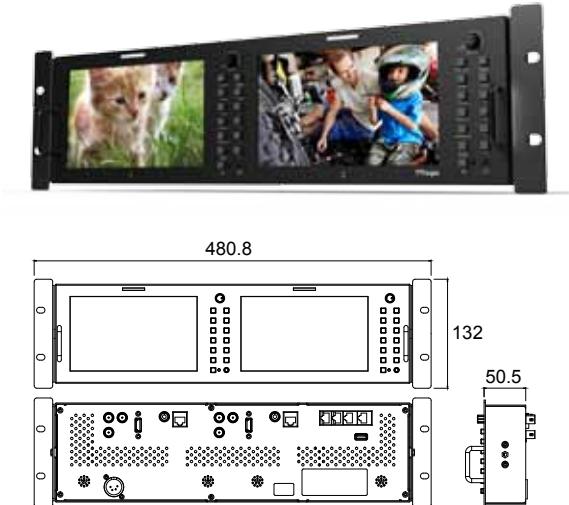
#### SDI Input Signal Formats

SMPETE-425M-A/B	1080i(60/59.94/50) 1080p(23.98/24/25/30/29.97/25 /24/23.98/30sF/29.97sF/25sF/24 sF/23.98sF)	1080i(60/59.94/50) 1080p(23.98/24/25/30/29.97/25 /24/23.98/30sF/29.97sF/25sF/24 sF/23.98sF)
SMPETE-274M	1080i (60 / 59.94 / 50) 1080P (30/29.97/25/24/24sF/23. 98/23.98sF)	1080i (60 / 59.94 / 50) 1080p(30/29.97/25/24/24sF/23. 98/23.98sF)
SMPETE-296M	720p(60/59.94/50)	720p(60/59.94/50)
SMPETE-260M	1035i(60/59.94)	1035i(60/59.94)
SMPETE-125M	480i(59.94)	480i(59.94)
ITU-R BT.656	576i(50)	576i(50)
Power	DC 12V / 3A (Max 6.0A)	DC 12V / 3A (Max 6.0A)
Power Consumption (Approx.)	TBD	TBD
Operating Temperature	0°C to 40°C (32°F to 104°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)
Accessory	TBD	TBD
Optional Accessories	TBD	TBD

\* Specifications may be changed without notice.

# 3G-SDI Multi-Channel LCD Rack Monitors

## RKM-270A      RKM-290A



A brand-new rack-mount monitor with  $2 \times 7"$  LCD screens, which has the same high performance display as LVM-074W. Wide viewing angle IPS LCD with  $1024 \times 600$  resolution. It supports SDI in/out and HDMI input.

### Product Highlights

- **7" 1024 x 600 (16:9) Resolution**
- 1:1 Pixel Mapping Modes for SD/HD
- 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
- CC-608 ANC
- Various Scan modes
- Waveform/Vectorscope
- Zoom
- User Aspect
- CC-608 LINE 21
- CC-708



A brand-new rack-mount monitor with  $2 \times 9"$  LCD screens, which has the same high performance display as LVM-095W-N with full HD resolution and wide viewing angle capability. It supports SDI in/out and HDMI input.

### Product Highlights

- **9" 1920 x 1080 (16:9) Resolution**
- 1:1 Pixel Mapping Modes for SD/HD
- 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
- CC-608 ANC
- Various Scan modes
- Waveform/Vectorscope
- Zoom
- User Aspect
- CC-608 LINE 21
- CC-708

**TVlogic®** Always ON-AIR

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.)	170°(H) / 170°(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

#### Input (1 Screen)

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

#### Output (1 Screen)

1 x BNC	SDI Selected Channel Output	SDI Selected Channel Output
---------	-----------------------------	-----------------------------

#### Input Signal

Analog	CVBS	CVBS
3G-SDI	2.970Gbps	2.970Gbps
HD-SDI	1.485Gbps	1.485Gbps
SD-SDI	270Mbps	270Mbps
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

#### SDI Input Signal Formats

SMPTE-425M-A/B	1080i(60/59.94/50) 1080p(23.98/24/25/30/29.97/25 /24/23.98/30sF/29.97sF/25sF/24 sF/23.98sF)	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 / 24sF / 23. 98 / 23.98sF)	1080i (60 / 59.94 / 50) 1080P (30 / 29.97 / 25 / 24sF / 23.98 / 23.98sF)
SMPTE-296M	720p(60/59.94/50)	720p(60/59.94/50)
SMPTE-260M	1035i(60/59.94)	1035i(60/59.94)
SMPTE-125M	480i(59.94)	480i(59.94)
ITU-R BT.656	576i(50)	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 12/24V	DC 12/24V
Power Consumption (Approx.)	TBD	TBD
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)
Accessory	TBD	TBD
Optional Accessories	TBD	TBD

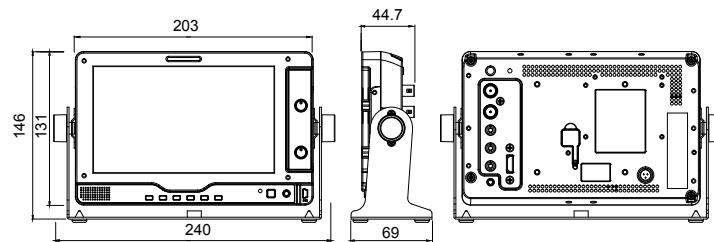
\* Specifications may be changed without notice.

# LVM-070C New!



## Main body Dimensions

- Main Body : 203 x 131 x 44.7 (mm) / 8 x 5.16 x 1.75 (inch)
- With stand : 240 x 146 x 69 (mm) / 9.44 x 5.74 x 2.72 (inch)
- Weight : 0.9kg / 1.98lbs



## LCD

Size	7"
Resolution	1024 x 600 (16:9)
Pixel Pitch	0.15mm
Color Depth	16.7M
Viewing Angle (Typ.)	160°(H)/160°(V)
Luminance (Max.)	400cd/m <sup>2</sup>
Contrast Ratio	800:1
Display Area	153(H)X90(V)mm

## 7" Field monitors

The LVM-070C is the reasonably priced field monitor with robust housing and pro features. With a high resolution 1024 x 600 (16:9) 7 inch LCD display, the LVM-070C accommodates multi-format analogue, 3G/HD/SD-SDI, and HDMI signal inputs. The many features of the LVM-070C include Waveform/vectorscope, Focuss Assist, Luma(Y') Zone Check and audio level meter.



## Product Highlights

- 7" 1024 x 600 (16:9) Resolution
- White LED Backlight
- 1:1 Pixel Mapping Modes for SD/HD
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- Focus Assist
- H/V Delay
- Luma(Y') Zone Check
- Marker
- Max Brightness On / Off
- Mono
- Range Error
- Temperature Adaptive Color
- Time Code Display
- User Aspect
- Various Scan modes
- Waveform/Vectorscope
- Zoom
- Camera LUT

## Input

1 x HDMI	HDMI Input
3 x RCA	Analog Video Input
1 x BNC	SDI 1 Channel Input

## Output

1 x BNC	SDI Channel Output (Active Loop Through)
---------	--

## Input Signal

Analog	CVBS / S-Video / Component Video / RGB(D-Tv)
3G-SDI	2.97Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
HDMI	1080p (24/25/30/50/60)/1080i(50/60)/720p(50/60)/480i(60)/480p(60)/576i(50)/576p(50)

## Analog Input Spec

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)
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)
Accessory	AC Power Cord / DC Power Adaptor / Camera Mount Support / Stand

\* Specifications may be changed without notice.

## Optional Accessories



# SD/HD/3G-SDI Multi-Format Monitors / Sunlight Readable Monitors

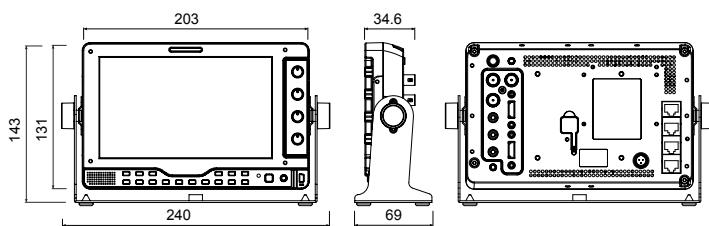
## LVM-074W/SRM-074W-N

**TVlogic®** Always ON-AIR



### Main body Dimensions

- Main Body : 203 x 131 x 34.6 (mm) / 8 x 5.16 x 1.36 (inch)
- With stand : 240 x 143 x 69 (mm) / 9.44 x 5.63 x 2.72 (inch)
- Weight : 0.94kg / 2.07lbs



### LCD

	LVM-074W	SRM-074W-N
<b>Size</b>	7"	7"
<b>Resolution</b>	<b>1024 x 600 (16 : 9)</b>	<b>1024 x 600 (16 : 9)</b>
<b>Pixel Pitch</b>	0.15mm	0.15mm
<b>Color Depth</b>	16.7M	16.7M
<b>Viewing Angle (Typ.)</b>	170°(H) / 170°(V)	160°(H) / 160°(V)
<b>Luminance (Max.)</b>	400cd/m <sup>2</sup>	1,500cd/m <sup>2</sup>
<b>Contrast Ratio</b>	800:1	800:1
<b>Display Area</b>	154(H) x 90(V) mm	154(H) x 90(V) mm

### The Most Comprehensive 7" HD LCD Display Available

The LVM-074W/ SRM-074W-N features a high-resolution (1024x600) 7" LED backlit LCD panel housed in lightweight (600 grams) yet durable magnesium alloy case.

An ideal monitor for the latest compact cinema cameras, the LVM-074W/ SRM-074W-N offers a wide range of professional features including: Waveform/Vectorscope, built-in HDMI to HD-SDI conversion output, Horizontal and Vertical Image Flip, Focus Assist, Audio Level Meter and more.

A feature unique to the LVM-074W/ SRM-074W-N is TVLogic's new user selectable Temperature Adaptive Color function that measures LCD panel temperature and automatically compensates the white balance drift caused by a cold or hot weather.



### Product Highlights

- **7" 1024 x 600 (16:9) Resolution**
- White LED Backlight
- 1:1 Pixel Mapping Modes for SD/HD
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- Focus Assist
- H/V Delay
- H/V Flip
- Luma(Y') Zone Check
- Marker
- Max Brightness On / Off
- Mono
- Range Error
- Temperature Adaptive Color
- Time Code Display
- User Aspect
- Various Scan modes
- Waveform/Vectorscope
- Zoom
- CC-608 ANC
- CC-608 LINE 21
- CC-708

### Input

1 x BNC	HDMI Input
3 x RCA	Analog Video Input
2 x BNC	SDI 2 Channel Input

### Output

1 x BNC	SDI Channel Output (Active Loop Through) / HDMI-SDI (Conversion)
1 x HDMI	HDMI (Loop Through)

### Input Signal

Analog	CVBS / S-Video / Component Video / RGB(D-Tv)
3G-SDI	2.97Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
HDMI	1080p (24/25/30/50/60)/1080i(50/60)/720p(50/60)/480i(60)/480p(60)/576i(50)/576p(50)

### Analog Input Spec

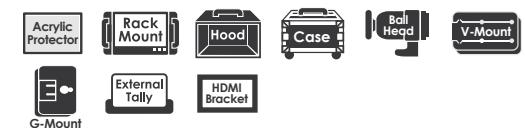
CVBS	1.0Vp-p (With Sync) NTSC, PAL
S-Video	1.0Vp-p (Y With Sync), 0.286/0.300 Vp-p(Chroma)
Component Video	1.0Vp-p (Y With Sync), ±350mV (Pb,Pr)

### SDI Input Signal Formats

SMPE-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)
SMPE-274M	1080i (60/59.94/50) 1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPE-296M	720p (60/59.94/50)
SMPE-260M	1035i (60/59.94)
SMPE-125M	480i (59.94) 576i (50)
ITU-R BT.656	Embedded Audio / Analog stereo (Phone Jack)
Audio IN	Analog stereo (Phone Jack) / Internal Speaker (Mixed Mono)
Power	DC 12V/1A (Max 2.0A)
Power Consumption (Approx.)	10Watts(Typ.)
Operating Temperature	0°C to 40°C (32°F to 104°F) / 0°C to 35°C (32°F to 95°F) (SRM-074W)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Accessory	AC Power Cord / DC Power Adaptor / Camera Mount Support / Stand

\* Specifications may be changed without notice.

### Optional Accessories

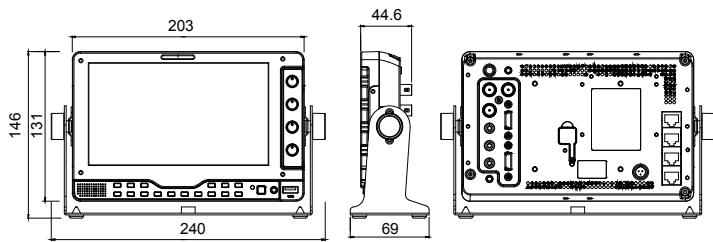


# LVM-075A New!



## Main body Dimensions

- Main Body : 203 x 131 x 44.6 (mm) / 8 x 5.16 x 1.75 (inch)
- With stand : 240 x 146 x 69 (mm) / 9.44 x 5.74 x 2.72 (inch)
- Weight : 1.04kg / 2.29lbs



## LCD

Size	7"
Resolution	1920X1080 (16:9)
Pixel Pitch	0.081mm
Color Depth	16.7M
Viewing Angle (Typ.)	170°(H)/170°(V)
Luminance (Max.)	600cd/m <sup>2</sup>
Contrast Ratio	800:1
Display Area	155(H)X87(V)mm

## 7" FHD monitors

The LVM-075A provides an outstanding picture quality with a Full HD resolution of 1920 x 1080. The LVM-075A supports for diverse Log files for cameras and Rec.709 color gamut. All the professional features including Temperature Adaptive Color, Waveform/Vectorscope, Focus Assist, Audio Level Meter, UMD and Closed Captions are also supported.



## Product Highlights

- 7" 1920 x 1080 (16:9) Resolution
- White LED Backlight
- 1:1 Pixel Mapping Modes for SD/HD
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- Focus Assist
- H/V Delay
- H/V Flip
- Luma(Y') Zone Check
- Marker
- Max Brightness On / Off
- Mono
- Range Error
- Temperature Adaptive Color
- Time Code Display
- User Aspect
- Various Scan modes
- Waveform/Vectorscope
- Zoom
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- Camera LUT

## 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 (Active Loop Through)
1 x HDMI	HDMI (Loop Through)

## Input Signal

Analog	CVBS / S-Video / Component Video / RGB(D-TV)
3G-SDI	2.97Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
HDMI	1080p (24/25/30/50/60)/1080i(50/60)/720p(50/60)/480i(60)/480p(60)/576i(50)/576p(50)

## Analog Input Spec

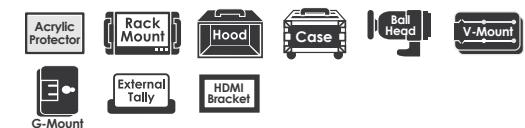
CVBS	1.0Vp-p (With Sync) NTSC, PAL
S-Video	1.0Vp-p (Y With Sync), 0.286/0.300 Vp-p(Chroma)
Component Video	1.0Vp-p (Y With Sync), ±350mV (Pb,Pr)

## 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)
SMPTE-296M	1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-260M	720p (60/59.94)
SMPTE-125M	1035i (60/59.94)
ITU-R BT.656	480i (59.94)
480i (50)	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)
Accessory	AC Power Cord / DC Power Adaptor / Camera Mount Support / Stand

\* Specifications may be changed without notice.

## Optional Accessories

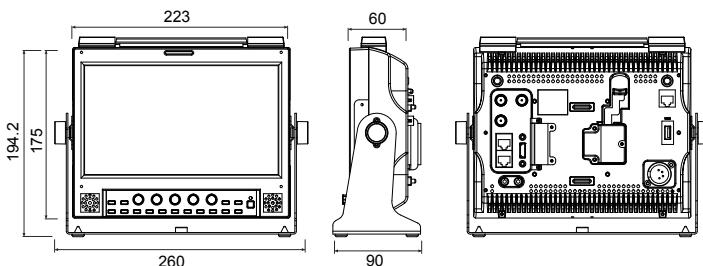


# LVM-095W-N / SRM-095W



## 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



## LCD

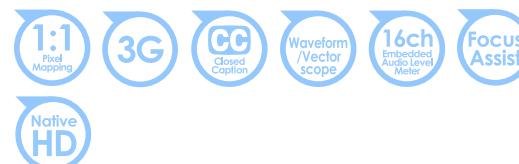
	LVM-095W-N	SRM-095W
Size	9"	9"
Resolution	<b>1920 x 1080 (16:9)</b>	<b>1920 x 1080 (16:9)</b>
Pixel Pitch	0.1035mm	0.1035mm
Color Depth	16.7M	16.7M
Viewing Angle (Typ.)	176°(H) / 176°(V)	176°(H) / 176°(V)
Luminance (Max.)	400cd/m <sup>2</sup> (center) /	800cd/m <sup>2</sup>
Contrast Ratio	750:1	800:1
Display Area	198(H) x 111(V) mm	198(H) x 111(V) mm

## 9" FHD Multi-purpose Monitor

The LVM-095W-N / SRM-095W, the new 9" released from TVLogic displays full HD resolution of 1920x1080. It also corresponds with a wide range of image sources (3G HD/SD-SDI, HDMI) and provides a wide viewing angle (176 degrees).

For maximized efficiency and economic feasibility, LVM-095W-N / SRM-095W is constructed from aluminum for an extra-light body weight and a holds a built-in V-Mount.

Upgraded with new FHD panel with accurate color reproduction capability that exactly meets the HDTV standards, LVM-095W-N / SRM-095W gives super clear picture quality with powerful features.



## Product Highlights

- **9" 1920 x 1080 (16:9) Resolution**
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- Focus Assist
- H/V Delay
- H/V Flip
- Key lock
- Luma(Y') Zone Check
- Marker
- Mono
- Range Error
- Temperature Adaptive Color
- Time Code Display
- UMD
- User Aspect
- Various Scan modes
- Waveform/Vectorscope
- Zoom
- CC-608 ANC
- CC-608 LINE 21
- CC-708

## Input

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

## Output

1 x BNC	SDI A/B Selected Channel Output (HDMI-to-SDI)
---------	---

## Input Signal

Analog	CVBS (SDI b port select)
3G-SDI	2.970Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
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 Spec

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)
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 12/24V
Power Consumption (Approx.)	DC 24 Watts (Max 2A)
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Accessory	AC Power Cord / DC Power Adaptor / Camera Mount Support / Handle / Stand

\* Specifications may be changed without notice.

## Optional Accessories



# SD/HD/3G-SDI Multi-Format Monitors

## LVM-174W

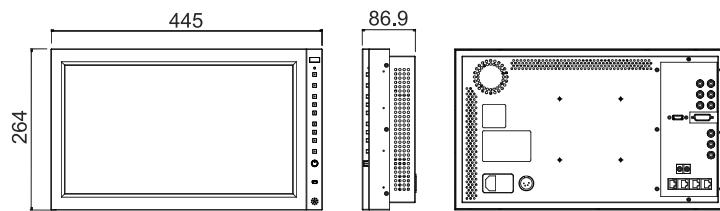
**TVlogic®** Always ON-AIR

Multi Format



### Main body Dimensions

- Main Body : 445 x 264 x 86.9 (mm) / 17.52 x 10.39 x 3.42 (inch)
- Weight : 6.4kg / 14.08lbs



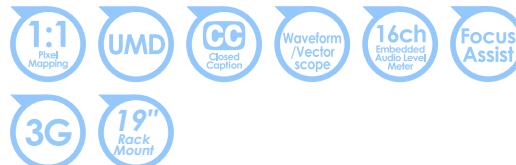
### LCD

Size	17"
Resolution	<b>1366 x 768 (16 : 9)</b>
Pixel Pitch	0.273mm
Color Depth	16.7M
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	350cd/m <sup>2</sup> (center)
Contrast Ratio	900 : 1
Display Area	373(H) x 210(V) mm

### 17" 6RU Rack-Mount Monitor

The LVM-174W is a newly designed 17" monitor offering a wide variety of mounting and configuration options. Ideal for rack mounting with 6RU height, the LVM-174W combines comprehensive usability with standard LVM series features for use in control rooms and OB vans.

The LVM-174W's compact control panel is vertically mounted to save space and can be covered completely for use with optional RMU-200 remote control.



### Product Highlights

- **17" 1366x768 (16:9) Resolution**
- 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
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- OP42
- OP47
- TVLogic Color Calibration Utility

### Input

1 x DVI-I	Analog & Digital RGB
3 x BNC	CVBS 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 Video / RGB(D-TV)
3G-SDI	2.970Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
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 Spec

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

SMPT-E-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-E-274M	1080i (60 / 59.94 / 50)
	1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPT-E-296M	720p (60/59.94/50)
SMPT-E-260M	1035i (60/59.94)
SMPT-E-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 (MAX)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Accessory	AC Power Cord / RMK(With OSD Cover)

\* Specifications may be changed without notice.

### Optional Accessories



# SD/HD/3G-SDI Multi-Format Monitors

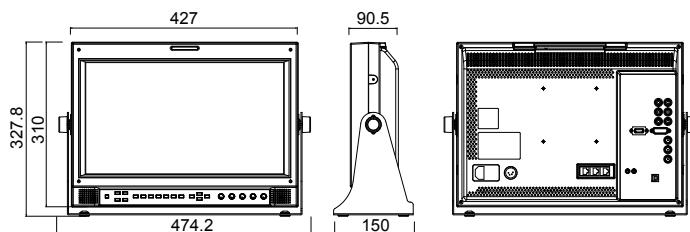
## LVM-176W

**TVlogic®** Always ON-AIR



### Main body Dimensions

- Main Body : 427 x 310 x 90.5 (mm) / 16.81 x 12.2 x 3.56 (inch)
- With stand : 474.2 x 327.8 x 150 (mm) / 18.66 x 12.9 x 5.9 (inch)
- Weight : 7kg / 15.4lbs

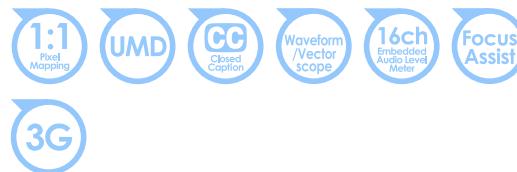


### LCD

Size	17"
Resolution	1366 x 768 (16 : 9)
Pixel Pitch	0.273mm
Color Depth	16.7M
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	350cd/m <sup>2</sup> (center)
Contrast Ratio	900:1
Display Area	373(H) x 210(V) mm

### Full-featured 17" Display for Non-Critical Broadcast and Production Monitoring

The LVM-176W is the economical counterpart to the LVM-173W-3G and utilizes the same high quality LCD panel. This unit features a true 16:9 Aspect Ratio LCD panel with 10-bit video processing performance allowing for faithful reproduction of interlaced video and unparalleled scaling performance. The LVM-176W is an excellent choice for professionals looking for the ideal balance between performance and price. With advanced features like Audio Level Meter, CC decoding and 1:1 pixel mapping, the LVM-176W is an excellent choice for any application.



### Product Highlights

- 17" 1366x768 (16:9) Resolution
- 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
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- TVLogic Color Calibration Utility

### Input

3 x BNC	CVBS / S-Video / Component / RGB(D-TV)
2 x BNC	3G/HD/SD-SDI A/B Channel Input
1 x HDMI	HDMI Input
1 x DVI - I	DVI Input

### Output

3 x BNC	CVBS / S-Video / Component / RGB(D-TV)
1 x BNC	3G/HD/SD-SDI OUT

### Input Signal

Analog	CVBS / S-Video / Component / RGB(D-TV)
3G-SDI	2.970Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
DVI-Analog	640x480/720x400/800x600/1024x768/1280x1024/1366x768
DVI-D (PC & HDMI)	640x480/720x400/800x600/1024x768/1280x1024/1366x768/1080p(23.98/24/25/30/50/60)/1080i(50/59.94/60)/720p(50/60)/480p(60)/576i(50)/576p(50)
HDMI (PC & HDMI)	640x480/720x400/800x600/1024x768/1280x1024/1366x768/1080p(23.98/24/25/30/50/60)/1080i(50/59.94/60)/720p(50/60)/480p(60)/576i(50)/576p(50)

### Analog Input Spec

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

SMPT-E-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-E-274M	1080i(60/59.94/50)/1080p(30/29.97/25/24/24sF/23.98/23.98sF)
SMPT-E-296M	720p (60/59.94/50)
SMPT-E-260M	1035i (60/59.94)
SMPT-E-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 12/24V / 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)
Accessory	AC Power Cord / Stand

\* Specifications may be changed without notice.

### Optional Accessories



# SD/HD/3G-SDI Multi-Format Monitors

## LVM-173W-3G

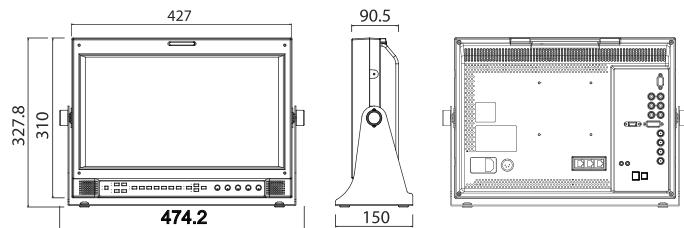
**TVlogic®** Always ON-AIR

Multi Format



### Main body Dimensions

- Main Body : 427 x 310 x 90.5 (mm) / 16.81 x 12.2 x 3.56 (inch)
- With stand : 474.2 x 327.8 x 150 (mm) / 18.66 x 12.9 x 5.9 (inch)
- Weight : 7.25kg / 15.98lbs

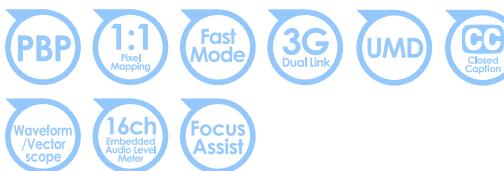


### LCD

Size	17"
Resolution	<b>1366 x 768 (16 : 9)</b>
Pixel Pitch	0.273mm
Color Depth	16.7M
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	350cd/m <sup>2</sup> (center)
Contrast Ratio	900:1
Display Area	373(H) x 210(V) mm

### A Premium Monitoring Solution for the Most Demanding Applications.

The LVM-173W-3G is the higher end of TVLogic's 17 inch monitoring solutions. This unit features a true 16:9 Aspect Ratio LCD panel with 12-bit video processing performance allowing for faithful reproduction of interlaced video and unparalleled scaling performance. Multi-Format and standard Dual-Link/3G support help to make this unit suitable for the most demanding applications.



### Product Highlights

- 17" 1366 x 768 (16:9) Resolution
- 1:1 Pixel Mapping Modes for SD/HD
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- Focus Assist
- H/V Delay
- Key lock
- Marker
- Mono
- Range Error
- Time Code Display
- UMD
- User Aspect
- Various Scan modes
- Waveform/Vectorscope
- X3 Zoom(PBP)
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- CC-KOR
- OP42
- OP47
- TVLogic Color Calibration Utility

### Input

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

### Output

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

### Input Signal

Analog	CVBS / S-Video / Component / RGB(D-Tv)
3G-SDI	2.970Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
HDMI	480i/480p/576i/576p/720p/1080i/1080p/640x480/720x400/800x600/1024x768/1280x1024/1366x768
DVI-Analog	640x480/720x400/800x600/1024x768/1366x768
DVI-D (PC Mode)	640x480/720x400/800x600/1024x768/1366x768

### Analog Input Spec

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

SMPTPE-425M-A/B	1080p (60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)
SMPTPE-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/23.98sF)
SMPTPE-274M	1080i (60 / 59.94 / 50) 1080p (30/29.97/25/24/24sF/23.98sF)
SMPTPE-296M	720p (60/59.94/50)
SMPTPE-260M	1035i (60/59.94)
SMPTPE-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 12/24V (2.5A) / AC 100~240V (50~60Hz)
Power Consumption (Approx.)	60Watts (MAX)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Accessory	AC Power Cord / Stand

\* Specifications may be changed without notice.

### Optional Accessories



# SD/HD/3G-SDI Multi-Format Monitors

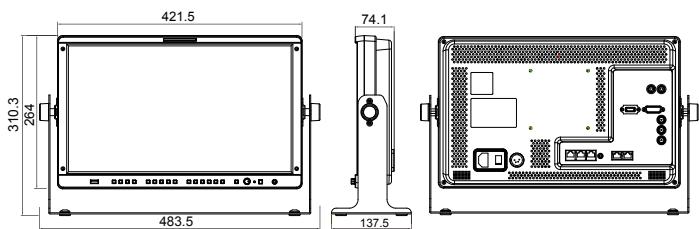
## LVM-170A

**TVlogic®** Always ON-AIR



### 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 : TBD

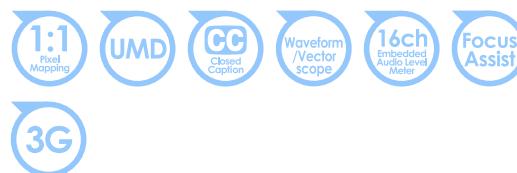


### LCD

Size	17.3"
Resolution	<b>1920 x 1080 (16 : 9)</b>
Pixel Pitch	0.199mm
Color Depth	16.7M
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	300cd/m <sup>2</sup> (center)
Contrast Ratio	700:1
Display Area	381(H) x 214(V) mm

### A multi-purpose 17" Full HD Monitoring Solution

The LVM-170A is the Full HD version of TVLogic's 17inch monitoring solutions. This unit features a true 16:9 aspect ratio LCD panel with 1920x1080 resolution and 12-bit video processing performance allowing for faithful color reproduction and video scaling performance.



### Product Highlights

- **17" 1920x1080 (16:9) Resolution**
- 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
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- TVLogic Color Calibration Utility

### Input

1 x BNC	CVBS / S-Video / Component / RGB(D-TV)
2 x BNC	SDI A/B Channel Input
1 x HDMI	HDMI Input
1 x DVI - I	DVI Input

### Output

1 x BNC	CVBS / S-Video / Component / RGB(D-TV)
1 x BNC	3G/HD-SDI OUT

### Input Signal

Analog	CVBS / S-Video / Component / RGB(D-TV)
3G-SDI	2.970Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
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)/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)/480p(60)/576i(50)/576p(50)

### Analog Input Spec

CVBS	1.0Vp-p (With Sync) NTSC, PAL
S-Video	1.0Vp-p (Y With Sync), 0.286/0.300Vp-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

SMPT-E-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-E-274M	1080i(60/59.94/50)/1080p(30/29.97/25/24/24sF/23.98/23.98sF)
SMPT-E-296M	720p (60/59.94/50)
SMPT-E-260M	1035i (60/59.94)
SMPT-E-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 12/24V / 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)
Accessory	AC Power Cord / Stand / USB Cover

\* Specifications may be changed without notice.

### Optional Accessories



# SD/HD/3G-SDI Multi-Format Monitors

## LVM-182W-A

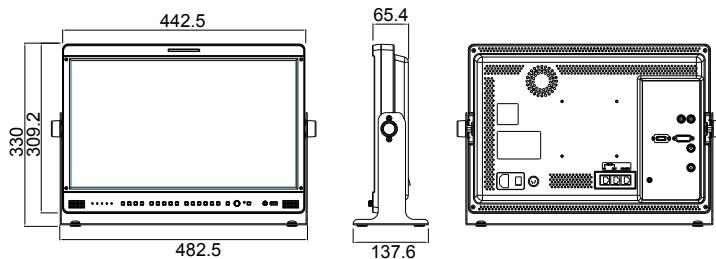
**TVlogic®** Always ON-AIR

Multi Format



### Main body Dimensions

- Main Body : 442.5 x 309.2 x 65.4 (mm) / 17.42 x 12.17 x 2.57 (inch)
- With stand : 482.5 x 330 x 137.6 (mm) / 19.03 x 13.10 x 5.41 (inch)
- Weight : 5.12kg / 11.28lbs



### LCD

Size	18.5"
Resolution	<b>1366 x 768 (16 : 9)</b>
Pixel Pitch	0.300mm
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	410(H) x 230(V) mm

### The only 18.5" broadcast monitor with true wide viewing angle

The LVM-182W-A is a versatile and cost-effective monitor that supports various video formats including 3G-SDI and professional features. Utilizing the state-of-the-art IPS LCD panel and combined with TVLogic's excellent video processing technology, the LVM-182W-A provides outstanding viewing angle with accurate colors and rich professional features.



### Product Highlights

#### • 18.5" 1366 x 768 (16:9) Resolution

- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- Focus Assist
- H/V Delay
- Luma(Y') Zone Check
- Marker
- Mono
- Range Error
- Time Code Display
- UMD
- User Aspect
- Various Scan modes
- Waveform/Vectorscope
- X3 Zoom(PBP)
- Zoom
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- TVLogic Color Calibration Utility

### Input

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

### Output

1 x BNC	Analog Output (Composite)
1 x BNC	3G/HD/SD-SDI OUT

### Input Signal

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

### Analog Input Spec

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 24V / DC 12V with V-Mount-182 / AC 100 ~240V (50~ 60 Hz)
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 )
Accessory	AC Power Cord / Stand

\* Specifications may be changed without notice.

### Optional Accessories



for DC 12V

# SD/HD/3G-SDI Multi-Format Monitors

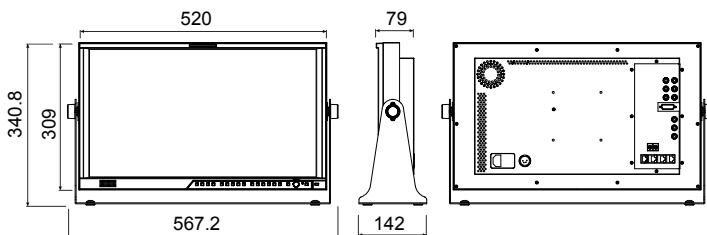
## LVM-212W

**TVlogic®** Always ON-AIR



### 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

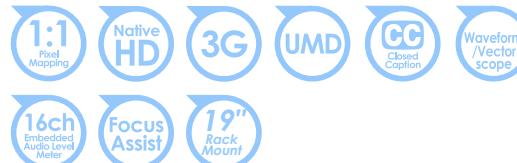


### LCD

Size	21.5"
Resolution	<b>1920 x 1080 (16 : 9)</b>
Pixel Pitch	0.2475mm
Color Depth	16.7M
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	365cd/m <sup>2</sup> (center)
Contrast Ratio	1000:1
Display Area	475(H) x 267(V) mm

### 21.5" 1920x1080 Rack-Mount Monitor

The LVM-212W is an ideal full HD rack-mount monitor for control rooms and OB Vans. The slim matte finish bezel design fits perfectly into a 19" rack and features a 21.5" native 1920x1080 LED backlit LCD, Dual Channel 3G-SDI input, Waveform/Vectorscope, Closed Caption 608/708, Embedded Audio Metering, wide viewing angle and more.



### Product Highlights

- **21.5" 1920 x 1080 Native HD Resolution**
- 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
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- OP42
- OP47
- TVLogic Color Calibration Utility

Input	
1 x DVI-I	Analog & Digital RGB
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 (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	2.970Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
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)/576p(50)
Analog Input Spec	
CVBS	1.0Vp-p (With Sync) NTSC, PAL
S-Video	1.0Vp-p (Y With Sync), 0.286/0.300Vp-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	
SMPT-E-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-E-274M	1080i (60 / 59.94 / 50)
SMPT-E-296M	1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPT-E-260M	720p (60/59.94/50)
SMPT-E-125M	1035i (60/59.94)
ITU-R BT.656	480i (59.94)
2K Format	576i (50)
Audio IN	2048 x 1080p (24/24sF/23.98/23.98sF)
Audio OUT	Embedded Audio / Analog stereo (Phone Jack)
Power	Analog stereo (Phone Jack) / Internal Speaker (Mixed Mono)
Power Consumption (Approx.)	AC 100~240V (50~60Hz)
Operating Temperature	60Watts
Storage Temperature	0°C to 40°C (32°F to 104°F)
Accessory	-40°C to 60°C (-4°F to 140°F)
	-20°C to 60°C (-4°F to 140°F)
	AC Power Cord / Control Knob Cap / Stand

\* Specifications may be changed without notice.

### Optional Accessories



# SD/HD/3G-SDI Multi-Format Monitors

## LVM-232W-A

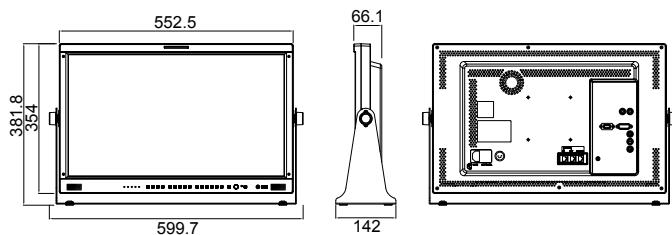
**TVlogic®** Always ON-AIR

Multi Format



### 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



### LCD

Size	23"
Resolution	<b>1920 x 1080 (16:9)</b>
Pixel Pitch	0.2652 mm
Color Depth	16.7M
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	250 cd/m <sup>2</sup> (center)
Contrast Ratio	1000:1
Display Area	509(H) x 286(V)

### 23" broadcast monitor with wide viewing angle and full HD resolution.

The LVM-232W-A is a versatile and cost-effective monitor that supports various video formats including 3G-SDI and professional features. Utilizing the state-of-the-art IPS LCD panel and combined with the TVLogic's excellent video processing technology, the LVM-232W-A provides outstanding viewing angle with accurate colors and rich professional features.



### Product Highlights

- **23" 1920 x 1080 (16:9) Resolution**
- 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
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- TVLogic Color Calibration Utility

### Input

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

### Output

1 x BNC	Analog Output (Composite)
1 x BNC	3G/HD/SD-SDI OUT

### Input Signal

Analog (Composite)	CVBS
3G-SDI	2.970Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
DVI-Analog	640x480/720x400/800x600/1024x768/1280x768/1280x1024/1366x768/1920x1080
DVI-D (PC & HDMI)	640x480/720x400/800x600/1024x768/1280x768/1280x1024/1366x768/1920x1080p(24/25/30/50/60)/1080i(50/60)/720p(50/60)/480i(60)/480p(60)/576i(50)/576p(50)
HDMI (PC & HDMI)	640x480/720x400/800x600/1024x768/1280x768/1280x1024/1366x768/1920x1080p(24/25/30/50/60)/1080i(50/60)/720p(50/60)/480i(60)/480p(60)/576i(50)/576p(50)

### Analog Input Spec

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 ~ 60 Hz)
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)
Accessory	AC Power Cord / Stand

\* Specifications may be changed without notice.

### Optional Accessories



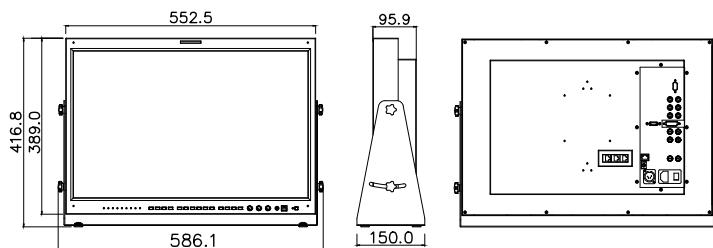
# SD/HD/3G-SDI Multi-Format Monitors

## LVM-245W



### 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 : 10.5kg / 23.1lbs



### LCD

Size	24"
Resolution	<b>1920 x 1200 (16 : 10)</b>
Pixel Pitch	0.270mm
Color Depth	1.07B
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

### The Most Comprehensive 24"

### 1920 x 1200 Native HD LCD Display

The LVM-245W is a broadcast monitor with high picture quality and professional features. Utilizing the same state-of-the-art TFT-LCD panel of XVM-245W-N, this monitor provides the smooth color ramp with 10-bit color depth, high color purity and wide viewing angle. It supports various video interface of SD/HD/3G-SDI, DVI, HDMI, Component Video, S-Video and CVBS. Also it provides professional features such as Waveform / Vectorscope, Markers, Timecode, Closed Captions and color calibration.



### Product Highlights

- **24" 1920x1200 Native HD Resolution**
- 1:1 Pixel Mapping Modes for SD/HD
- 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
- X3 Zoom(PBP)
- Zoom
- CC-608 ANC, CC-608 LINE 21, CC-708, CC-KOR
- OP42, OP47
- TVLogic Color Calibration Utility

### Input

1 x DVI-I	Analog & Digital RGB
1 x HDMI	HDMI(1.1Ver) Input
3 x BNC	CVBS / Component Input
2 x BNC	SDI A/B Channel Input

### Output

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

### Input Signal

Analog	CVBS / S-Video / Component / RGB(D-TV)
3G-SDI	2.97Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
HDMI	480i/480p/576i/576p/720p/1080i/1080p/640x480/720x400/800x600/1024x768/1280x1024/1600x1200/1920x1200
DVI-Analog	640x480/720x400/800x600/1024x768/1280x1024/1600x1200/1920x1200
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)/576p (50)

### Analog Input Spec

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

SMPT-E-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-E-372M (Dual Link)	Dual HD-SDI YCbCr(4:2:2) 1080p (60/59.94/50)
	Dual HD-SDI YCbCr(RGB)(4:4:4) 1080p (30/29.97/25/24/24sF/23.98sF)
SMPT-E-274M	1080i (60 / 59.94 / 50) 1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPT-E-296M	720p (60/59.94/50)
SMPT-E-260M	1035i (60/59.94)
SMPT-E-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.)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Accessory	AC Power Cord / Stand

\* Specifications may be changed without notice.

### Optional Accessories



# SD/HD/3G-SDI Multi-Format Monitors

## LVM-246W

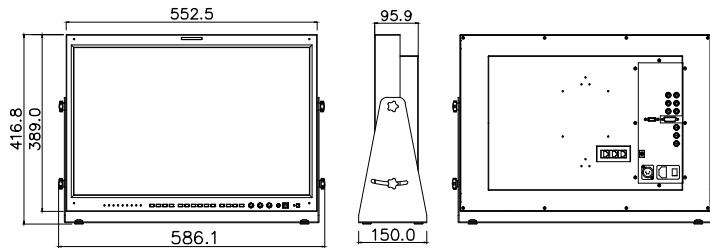
**TVlogic®** Always ON-AIR

Multi Format



### 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

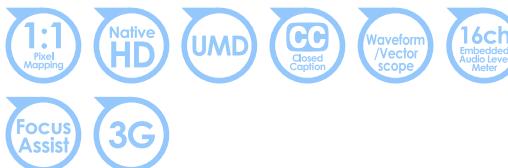


### LCD

Size	24"
Resolution	<b>1920 x 1200 (16 : 10)</b>
Pixel Pitch	0.270mm
Color Depth	16.7M
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	300cd/m <sup>2</sup> (center)
Contrast Ratio	1000:1
Display Area	518(H) x 324(V) mm

### 24" Full HD Display For Non-Critical Broadcast Monitoring Applications

The LVM-246W is a reasonable priced broadcast monitor with new full HD and wide viewing angle IPS LCD. It supports various video interface of SD/HD/3G-SDI, HDMI, DVI, Component Video, S-Video and CVBS. Also it provides professional features such as Waveform / Vectorscope, Markers, Timecode, Closed Caption and color calibration.



### Product Highlights

- **24" 1920 x 1200 Native HD Resolution**
- 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
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- TVLogic Color Calibration Utility

### 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	2.970Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
HDMI	480i/480p/576i/576p/720p/1080i/1080p/640x480/720x400/800x600/1024x768/1280x1024/1600x1200/0/1920x1200
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 Spec

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

SMPT-E-274M	1080i (60 / 59.94 / 25) 1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPT-E-296M	720p (60/59.94/50)
SMPT-E-260M	1035i (60/59.94)
SMPT-E-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
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Accessory	AC Power Cord / Stand

\* Specifications may be changed without notice.

### Optional Accessories



# SD/HD/3G-SDI Multi-Format Monitors

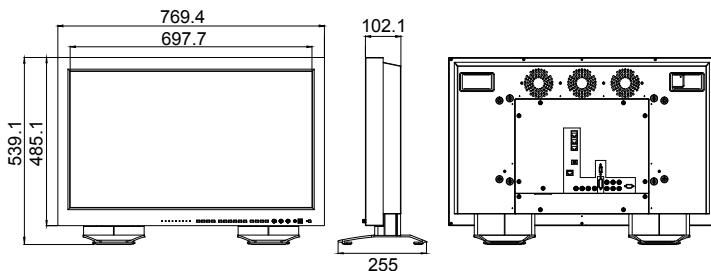
## LVM-327W

**TVlogic®** Always ON-AIR



### Main body Dimensions

- Main Body : 769.4 x 485.1 x 102.1 (mm) / 30.29 x 19.09 x 4.01 (inch)
- With stand : 769.4 x 539.3 x 255 (mm) / 30.29 x 21.23 x 10.03 (inch)
- Weight : 22.6kg / 49.8lbs



### LCD

Size	32"
Resolution	<b>1920 x 1080 (16 : 9)</b>
Pixel Pitch	0.364mm
Color Depth	1.07B
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	500cd/m <sup>2</sup> (center)
Contrast Ratio	1300:1
Display Area	698(H) x 382(V) mm

### 32" 1920 x 1080 Native HD LCD Display

The LVM-327W utilizes a 32" 1920 x 1080 Native Resolution LCD panel. This model includes a wide range of input with 3G/Dual-Link and TVLogic's industry-leading scaling technology.



### Product Highlights

- **32" 1920 x 1080 Native HD Resolution**
- 1:1 Pixel Mapping Modes for SD/HD
- Blue Only
- H/V Delay
- Key lock
- Marker
- Mono
- Range Error
- Time Code Display
- UMD
- User Aspect
- Waveform/Vectorscope
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- CC-KOR
- OP42
- OP47
- TVLogic Color Calibration Utility

Input		
1 x DVI-I	Digital RGB	
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 (Active Loop Through)	
Input Signal		
Analog	CVBS / S-Video / Component Video / RGB(D-TV)	
3G-SDI	2.970Gbps	
HD-SDI	1.485Gbps	
SD-SDI	270Mbps	
HDMI	480i/480p/576i/576p/720p/1080i/1080p/640x480/720x400/800x600/1024x768/1280x1024/160x1200	
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 Spec		
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)	
RGB	1.0Vp-p (G With Sync), 0.7Vp-p (B,R)	
SDI Input Signal Formats		
SMPT-E-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-E-372M (Dual Link)	Dual HD-SDI YCbCr(4:2:2)	1080p (60/59.94/50)
	Dual HD-SDI YCbCr/RGB(4:4:4)	1080i (60/59.94/50)
SMPT-E-274M	1080i (60 / 59.94 / 50) 1080p (30/29.97/25/24/24sF/23.98/23.98sF)	
SMPT-E-296M	720p (60/59.94/50)	
SMPT-E-260M	1035i (60/59.94)	
SMPT-E-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.)	145Watts (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 )	
Accessory	AC Power Cord / Stand	

\* Specifications may be changed without notice.

### Optional Accessories



# Studio Wall Monitors

## SWM-170A

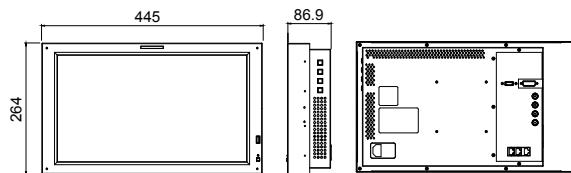
**TVlogic®** Always ON-AIR



Studio Wall Monitor

### Main body Dimensions

- Main Body : 445 x 264 x 86.9 (mm) / 17.51 x 10.39 x 3.42 (inch)
- Weight : TBD



### LCD

Size	17.3"
Resolution	<b>1920 x 1080 (16 : 9)</b>
Pixel Pitch	0.199mm
Color Depth	16.7M
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	300cd/m <sup>2</sup>
Contrast Ratio	700:1
Display Area	381(H) x 214(V) mm

### A brand-new Studio Wall Monitor

The SWM series monitors are newly designed for the best match for the studio walls. A clean bezel with only a power button and a small indication lamp secures the best monitoring condition for the users. Along with the traditional interfaces of SDI, HDMI and DVI, the optical fiber interface has been added for the user's choice. It supports video formats up to 3G-SDI and professional features such as Marker, Timecode, Audio Level Meter, various CCs and UMDs.



### Product Highlights

- **17.3" 1920 x 1080 (16:9) Resolution**
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- H/V Delay
- Marker
- Mono
- Time Code Display
- UMD
- User Aspect
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- CC-KOR
- OP42
- OP47

### Input

1 x DVI-I	DVI IN
1xHDMI	HDMI Input
2xBNC	SDI A/B Channel Input
1xOPTIC	Optical Input(Option)

### Output

2xBNC	SDI A/B Channel (Active Through Out)
-------	--------------------------------------

### Input Signal

3G SDI	2.970Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
HDMI	480i / 480p / 576i / 576p / 720p / 1080i / 1080p / 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)/480p(60)/480p(60)/576i(50)/576p(50)
OPTICAL	2.970Gbps / 1.485Gbps / 270Mbps

### SDI Input Signal Formats

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-372M (Dual Link)	Dual HD-SDI YCbCr(4:2:2)
	1080p (60/59.94/50)
SMPTE-274M	Dual HD-SDI YCbCr/RGB(4:4:4)
	1080p (30/29.97/25/24/24sF/23.98sF)
SMPTE-296M	1080i (60 / 59.94 / 50)
	1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-260M	720p (60/59.94/50)
SMPTE-125M	1035i (60/59.94)
ITU-R BT.656	480i (59.94)
2K Format	576i (50)
Audio IN	2048 x 1080p (24/24sF/23.98/23.98sF)
Audio OUT	-
Power	AC 100~240V (50~60Hz)
Power Consumption (Approx.)	TBD
Operating Temperature	0°C to 40°C (32°F to 104°F )
Storage Temperature	-20°C to 60°C (-4°F to 140°F )
Accessory	AC Power Cord / USB Cover

\* Specifications may be changed without notice.

### Optional Accessories



# Studio Wall Monitors

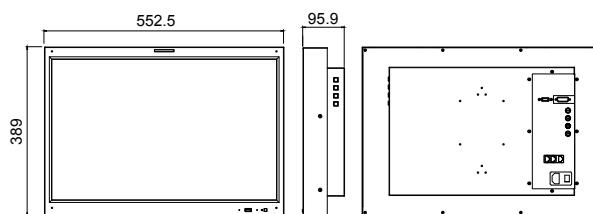
## SWM-240A

**TVlogic®** Always ON-AIR



### Main body Dimensions

- Main Body : 552.5 x 389 x 95.8 (mm) / 21.75 x 15.31 x 3.77 (inch)
- Weight : TBD



### LCD

Size	24"
Resolution	<b>1920 x 1200 (16 : 10)</b>
Pixel Pitch	0.270mm
Color Depth	16.7M
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	300cd/m <sup>2</sup>
Contrast Ratio	1000:1
Display Area	518(H) x 324(V) mm

### A brand-new Studio Wall Monitor

The SWM series monitors are newly designed for the best match for the studio walls. A clean bezel with only a power button and a small indication lamp secures the best monitoring condition for the users. Along with the traditional interfaces of SDI, HDMI and DVI, the optical fiber interface has been added for the user's choice. It supports video formats up to 3G-SDI and professional features such as Marker, Timecode, Audio Level Meter, various CCs and UMDs.



### Product Highlights

- **24" 1920 x 1200 (16:10) Resolution**
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- H/V Delay
- Marker
- Mono
- Time Code Display
- UMD
- User Aspect
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- CC-KOR
- OP42
- OP47

### Input

1 x DVI-I	DVI IN
1xHDMI	HDMI Input
2xBNC	SDI A/B Channel Input
1xOPTIC	Optical Input(Option)

### Output

2xBNC	SDI A/B Channel (Active Through Out)
-------	--------------------------------------

### Input Signal

3G SDI	2.970Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
HDMI	480i / 480p / 576i / 576p / 720p / 1080i / 1080p / 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)/480p(60)/480p(60)/576i(50)/576p(50)
OPTICAL	2.970Gbps / 1.485Gbps / 270Mbps

### SDI Input Signal Formats

SMPETE-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)
SMPETE-372M (Dual Link)	Dual HD-SDI YCbCr(4:2:2) Dual HD-SDI YCbCr/RGB(4:4:4) 1080p (60/59.94/50) 1080p (30/29.97/25/24/24sF/23.98sF)
SMPETE-274M	1080i (60 / 59.94 / 50) 1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPETE-296M	720p (60/59.94/50)
SMPETE-260M	1035i (60/59.94)
SMPETE-125M	480i (59.94)
ITU-R BT.656	576i (50)
2K Format	2048 x 1080p (24/24sF/23.98/23.98sF)
Audio IN	-
Audio OUT	-
Power	AC 100~240V (50~60Hz)
Power Consumption (Approx.)	TBD
Operating Temperature	0°C to 40°C (32°F to 104°F )
Storage Temperature	-20°C to 60°C (-4°F to 140°F )
Accessory	AC Power Cord / USB Cover

\* Specifications may be changed without notice.

### Optional Accessories



# Studio Wall Monitors

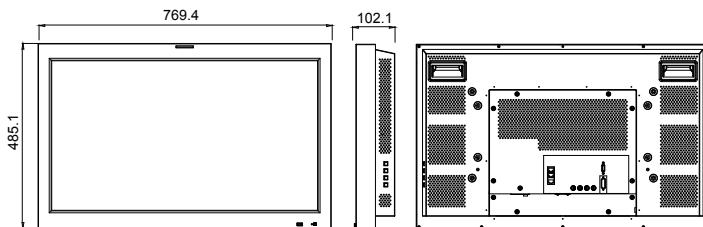
## SWM-320A

**TVlogic®** Always ON-AIR



### Main body Dimensions

- Main Body : 769.4 x 485.1 x 102.1 (mm) / 30.29 x 19.09 x 4.01 (inch)
- Weight : TBD



### LCD

Size	32"
Resolution	<b>1920 x 1080 (16:9)</b>
Pixel Pitch	0.364mm
Color Depth	1.07B
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	500cd/m <sup>2</sup> (center)
Contrast Ratio	1300:1
Display Area	698(H) x 382(V) mm

### A brand-new Studio Wall Monitor

The SWM series monitors are newly designed for the best match for the studio walls. A clean bezel with only a power button and a small indication lamp secures the best monitoring condition for the users. Along with the traditional interfaces of SDI, HDMI and DVI, the optical fiber interface has been added for the user's choice. It supports video formats up to 3G-SDI and professional features such as Marker, Timecode, Audio Level Meter, various CCs and UMDs.



### Product Highlights

- **32" 1920 x 1080 (16:9) Resolution**
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- H/V Delay
- Marker
- Mono
- Time Code Display
- UMD
- User Aspect
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- CC-KOR
- OP42
- OP47

### Input

1x DVI-I	DVI IN
1xHDMI	HDMI Input
2xBNC	SDI A/B Channel Input
1xOPTIC	Optical Input(Option)

### Output

2xBNC	SDI A/B Channel (Active Through Out)
-------	--------------------------------------

### Input Signal

3G SDI	2.970Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
HDMI	480i / 480p / 576i / 576p / 720p / 1080i / 1080p / 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)/576p(50)
OPTICAL	2.970Gbps / 1.485Gbps / 270Mbps

### SDI Input Signal Formats

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-372M (Dual Link)	Dual HD-SDI YCbCr(4:2:2) Dual HD-SDI YCbCr/RGB(4:4:4) 1080i (60/59.94/50) 1080p (30/29.97/25/24/24sF/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	-
Audio OUT	-
Power	AC 100~240V (50~60Hz)
Power Consumption (Approx.)	TBD
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Accessory	AC Power Cord / USB Cover

\* Specifications may be changed without notice.

### Optional Accessories



# Studio Wall Monitors

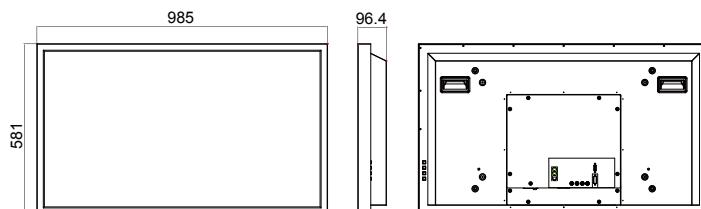
## SWM-420A

**TVlogic®** Always ON-AIR



### Main body Dimensions

- Main Body : 985 x 581 x 96.4 (mm) / 38.77 x 22.87 x 3.79 (inch)
- Weight : TBD



### LCD

Size	42"
Resolution	<b>1920 x 1080 (16 : 9)</b>
Pixel Pitch	0.484mm
Color Depth	1.07B
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	450cd/m <sup>2</sup>
Contrast Ratio	4000:1
Display Area	930(H) x 523(V) mm

### A brand-new Studio Wall Monitor

The SWM series monitors are newly designed for the best match for the studio walls. A clean bezel with only a power button and a small indication lamp secures the best monitoring condition for the users. Along with the traditional interfaces of SDI, HDMI and DVI, the optical fiber interface has been added for the user's choice. It supports video formats up to 3G-SDI and professional features such as Marker, Timecode, Audio Level Meter, various CCs and UMDs.



### Product Highlights

- **42" 1920 x 1080 (16:9) Resolution**
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- H/V Delay
- Marker
- Mono
- Time Code Display
- UMD
- User Aspect
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- CC-KOR
- OP42
- OP47

### Input

1 x DVI-I	DVI IN
1xHDMI	HDMI Input
2xBNC	SDI A/B Channel Input
1xOPTIC	Optical Input(Option)

### Output

2xBNC	SDI A/B Channel (Active Through Out)
-------	--------------------------------------

### Input Signal

3G SDI	2.970Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
HDMI	480i / 480p / 576i / 576p / 720p / 1080i / 1080p / 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)/480p(60)/480p(60)/576i(50)/576p(50)
OPTICAL	2.970Gbps / 1.485Gbps / 270Mbps

### SDI Input Signal Formats

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-372M (Dual Link)	Dual HD-SDI YCbCr(4:2:2) Dual HD-SDI YCbCr/RGB(4:4:4) 1080p (60/59.94/50) 1080p (30/29.97/25/24/24sF/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	-
Audio OUT	-
Power	AC 100~240V (50~60Hz)
Power Consumption (Approx.)	TBD
Operating Temperature	0°C to 40°C (32°F to 104°F )
Storage Temperature	-20°C to 60°C (-4°F to 140°F )
Accessory	AC Power Cord / USB Cover

\* Specifications may be changed without notice.

### Optional Accessories



# Studio Wall Monitors

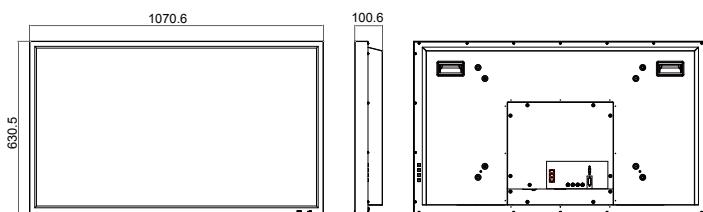
## SWM-460A

**TVlogic®** Always ON-AIR



### Main body Dimensions

- Main Body : 1070.6 x 630.5 x 100.6 (mm) / 42.14 x 24.82 x 3.96 (inch)
- Weight : TBD



### LCD

Size	46"
Resolution	<b>1920 x 1080 (16 : 9)</b>
Pixel Pitch	0.53mm
Color Depth	1.07B
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	450cd/m <sup>2</sup>
Contrast Ratio	4000:1
Display Area	1044(H) x 573(V) mm

### A brand-new Studio Wall Monitor

The SWM series monitors are newly designed for the best match for the studio walls. A clean bezel with only a power button and a small indication lamp secures the best monitoring condition for the users. Along with the traditional interfaces of SDI, HDMI and DVI, the optical fiber interface has been added for the user's choice. It supports video formats up to 3G-SDI and professional features such as Marker, Timecode, Audio Level Meter, various CCs and UMDs.



### Product Highlights

- **46" 1920 x 1080 (16:9) Resolution**
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- H/V Delay
- Marker
- Mono
- Time Code Display
- UMD
- User Aspect
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- CC-KOR
- OP42
- OP47

### Input

1 x DVI-I	DVI IN
1xHDMI	HDMI Input
2xBNC	SDI A/B Channel Input
1xOPTIC	Optical Input(Option)

### Output

2xBNC	SDI A/B Channel (Active Through Out)
-------	--------------------------------------

### Input Signal

3G SDI	2.970Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
HDMI	480i / 480p / 576i / 576p / 720p / 1080i / 1080p / 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)/576p(50)
OPTICAL	2.970Gbps / 1.485Gbps / 270Mbps

### SDI Input Signal Formats

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-372M (Dual Link)	Dual HD-SDI YCbCr(4:2:2) 1080p (60/59.94/50) Dual HD-SDI YCbCr/RGB(4:4:4) 1080i (60/59.94/50) 1080p (30/29.97/25/24/24sF/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	-
Audio OUT	-
Power	AC 100~240V (50~60Hz)
Power Consumption (Approx.)	TBD
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F )
Accessory	AC Power Cord / USB Cover

\* Specifications may be changed without notice.

### Optional Accessories



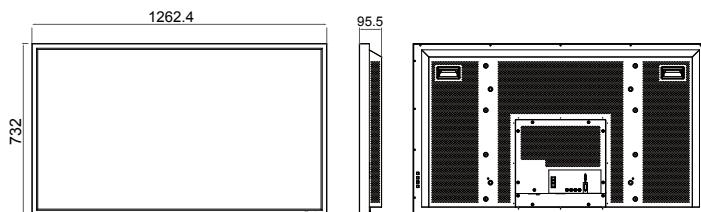
# Studio Wall Monitors

## SWM-550A



### Main body Dimensions

- Main Body : 1262.4 x 732 x 95.5 (mm) / 49.7 x 28.81 x 3.75 (inch)
- Weight : TBD



### LCD

Size	54.6"
Resolution	<b>1920 x 1080 (16 : 9)</b>
Pixel Pitch	0.63mm
Color Depth	1.07B
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	450cd /m <sup>2</sup>
Contrast Ratio	4000:1
Display Area	1209(H) x 680(V) mm

### A brand-new Studio Wall Monitor

The SWM series monitors are newly designed for the best match for the studio walls. A clean bezel with only a power button and a small indication lamp secures the best monitoring condition for the users. Along with the traditional interfaces of SDI, HDMI and DVI, the optical fiber interface has been added for the user's choice. It supports video formats up to 3G-SDI and professional features such as Marker, Timecode, Audio Level Meter, various CCs and UMDs.



### Product Highlights

- **55" 1920 x 1080 (16:9) Resolution**
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- H/V Delay
- Marker
- Mono
- Time Code Display
- UMD
- User Aspect
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- CC-KOR
- OP42
- OP47

Input	
1 x DVI-I	DVI IN
1xHDMI	HDMI Input
2xBNC	SDI A/B Channel Input
1xOPTIC	Optical Input(Option)
Output	
2xBNC	SDI A/B Channel (Active Through Out)
Input Signal	
3G SDI	2.970Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
HDMI	480i / 480p / 576i / 576p / 720p / 1080i / 1080p / 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)/576p(50)
OPTICAL	2.970Gbps / 1.485Gbps / 270Mbps
SDI Input Signal Formats	
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-372M (Dual Link)	Dual HD-SDI YCbCr(4:2:2) 1080p (60/59.94/50) Dual HD-SDI YCbCr/RGB(4:4:4) 1080i (60/59.94/50) 1080p (30/29.97/25/24/24sF/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	-
Audio OUT	-
Power	AC 100~240V (50~60Hz)
Power Consumption (Approx.)	TBD
Operating Temperature	0°C to 40°C (32°F to 104°F )
Storage Temperature	-20°C to 60°C (-4°F to 140°F )
Accessory	AC Power Cord / USB Cover

\* Specifications may be changed without notice.

### Optional Accessories





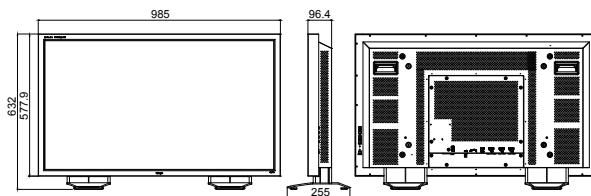
## LHM-420A

The Best Monitor for Multi-Viewer System



### Product Highlights

- 42" 1920x1080 Native HD Resolution with High Contrast  
4000 : 1
- 1 X D-SUB
- 1 X DVI
- 1 X HDMI
- 1 X HD-SDI
- 2 X RJ45 Jack (RS485)
- RGBHV/ DVI/ HDMI Inputs
- Video Mode/ Graphic Mode Support
- Supports TVLogic Color Calibration Utility for proper color alignment
- Matte Finish Panel
- Weight: TBD



## Multi Viewer Monitors LHM-Series

The LHM series offers a highly cost-effective solution for Multi-Viewer and Digital Information Display (DID) applications while providing the same great picture performance found in the LVM series monitors.

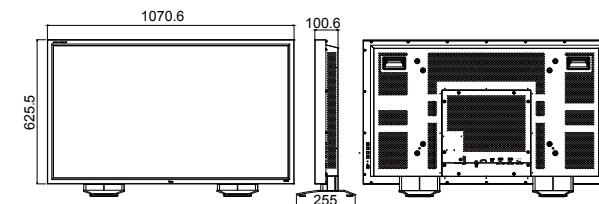
## LHM-460A

The Excellent Monitoring Solution



### Product Highlights

- 46" 1920x1080 Native HD Resolution with High Contrast  
4000 : 1
- 1 X D-SUB
- 1 X DVI
- 1 X HDMI
- 1 X HD-SDI
- 2 X RJ45 Jack (RS485)
- RGBHV/ DVI/ HDMI Inputs
- Video Mode/ Graphic Mode Support
- Supports TVLogic Color Calibration Utility for proper color alignment
- Matte Finish Panel
- Weight: TBD



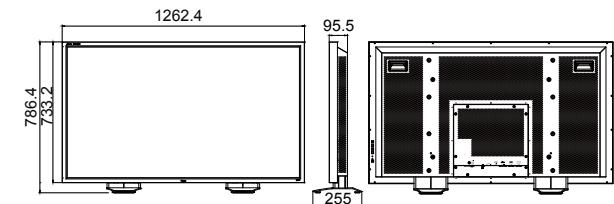
## LHM-550A

New Standard of Multi-Viewer system



### Product Highlights

- 54.6" 1920x1080 Native HD Resolution with High Contrast  
4000 : 1
- 1 X D-SUB
- 1 X DVI
- 1 X HDMI
- 1 X HD-SDI
- 2 X RJ45 Jack (RS485)
- RGBHV/ DVI/ HDMI Inputs
- Video Mode/ Graphic Mode Support
- Supports TVLogic Color Calibration Utility for proper color alignment
- Matte Finish Panel
- Weight: TBD



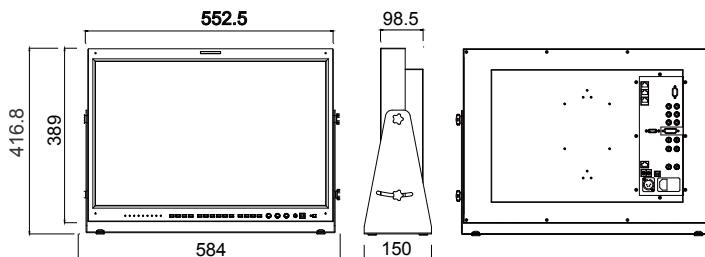
# Precision Monitors

## XVM-245W-N



### Main body Dimensions

- Main Body : 552.5 x 389 x 95 (mm) / 21.75 x 15.31 x 3.74 (inch)
- With stand : 584 x 416.8 x 150 (mm) / 23 x 16.4 x 5.9 (inch)
- Weight : 11.05kg / 24.36lbs



### LCD

Size	24"
Resolution	<b>1920 x 1200 (16 : 10)</b>
Pixel Pitch	0.270mm
Color Depth	1.07B (True 10bit)
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

### 24" (1920 x 1200) 10-bit Color Critical LCD Monitor

The XVM-245W-N utilizes a High-Purity RGB Matrix LED backlight array to reproduce the most accurate color possible on an LCD. The XVM-245W meets most of EBU Grade 1 specifications for color critical monitors while retaining all of the broadcast features found in the popular LVM Series. The XVM-245W-N features an integrated 3D LUT and supports import and export of popular color grading application LUT formats.



### Product Highlights

- **24" 1920x1200 Native HD Resolution**
- 1:1 Pixel Mapping Modes for SD/HD
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- H/V Delay
- Key lock
- Marker
- Mono
- Range Error
- Time Code Display
- UMD
- User Aspect
- Various Scan modes
- Waveform/Vectorscope
- X3 Zoom(PBP)
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- OP42
- OP47
- 3D LUT & Adjustable Gamma
- 3rd party 3D LUT import and export
- TVLogic Color Calibration Utility
- Uniformity correction

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
1 x BNC	External Sync. Input

Output	
3 x BNC	Analog (Passive Loop Through)
2 x BNC	SDI A/B Channel Output (Active Loop Through)
1 x BNC	External Sync. Output

Input Signal	
Analog	CVBS / S-Video / Component Video / RGB(D-Tv)
3G-SDI	2.970Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
DVI	VESA / IBM Modes
HDMI	1080p (24/25/30/50/60)/1080i(50/60)/720p(50/60)/480i(60)/480p(60)/576i(50)/576p(50) & VESA/IBM Modes

Analog Input Spec	
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	
SMPTPE-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)
SMPTPE-372M (Dual Link)	Dual HD-SDI YCbCr(4:2:2) Dual HD-SDI YCbCr/RGB(4:4:4) 1080p (30/29.97/25/24/23.98sF/24sF/23.98sF) 1080i (60/59.94/50) 1080p (30/29.97/25/24/23.98sF/24sF/23.98sF)
SMPTE-274M	1080i (60 / 59.94 / 50) 1080p (30/29.97/25/24/23.98sF/23.98sF)
SMPTPE-296M	720p (60/59.94/50)
SMPTPE-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	Internal Speaker (Stereo) / Analog stereo (Phone Jack)
Power	DC 24V / AC 100~240V
Power Consumption (Approx.)	77Watts (Typ.)
Operating Temperature	0°C to 40°C (32°F to 104°F )
Storage Temperature	-20°C to 60°C (-4°F to 140°F )
Accessory	AC Power Cord / Stand

\* Specifications may be changed without notice.

### Optional Accessories



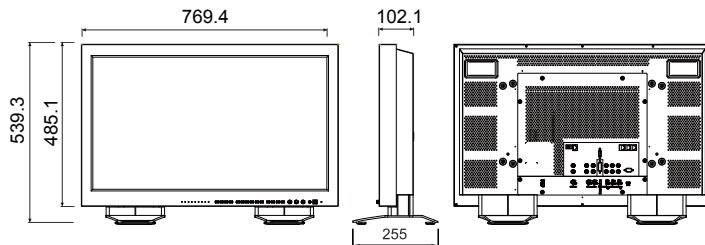
# Precision Monitors

## XVM-325W



### Main body Dimensions

- Main Body : 769.4 x 485.1 x 102.1 (mm) / 30.29 x 19.1 x 4.01 (inch)
- With stand : 769.4 x 539.3 x 255 (mm) / 30.29 x 21.23 x 10 (inch)
- Weight : 22.25kg / 49.05lbs



### LCD

<b>Size</b>	32"
<b>Resolution</b>	<b>1920 x 1080 (16 : 9)</b>
<b>Pixel Pitch</b>	0.364mm
<b>Color Depth</b>	1.07B (True 10bit)
<b>Viewing Angle (Typ.)</b>	178°(H) / 178°(V)
<b>Luminance (Max.)</b>	500cd/m <sup>2</sup> (center)
<b>Contrast Ratio</b>	1300:1
<b>Display Area</b>	698(H) x 382(V) mm

### 32" 1920x1080 Color-Critical Reference and Quality Control Monitor

The XVM-325W is a 32" addition to the XVM series. Designed to reproduce highly accurate colors required by the most demanding applications, TVLogic's advanced video processing engine and unique color calibration technology are combined with a true 10-bit IPS LCD panel with high performance wide-gamut EEFL backlight that reveals every detail with pristine accuracy.

Features include: Focus Assist, Markers, Waveform / Vectorscope, Timecode display, UMD, Closed Caption, Fast mode, Backlight and Gamma control, Import of 3rd party 3D LUTs and more.



### Product Highlights

#### • 32" 1920x1080 Native HD Resolution

- 1:1 Pixel Mapping Modes for SD/HD
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- H/V Delay
- Key lock
- Marker
- Mono
- Range Error
- Time Code Display
- UMD
- User Aspect
- Various Scan modes
- Waveform/Vectorscope
- X3 Zoom(PBP)
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- OP42
- OP47
- 3D LUT & Adjustable Gamma
- 3rd party 3D LUT import and export
- TVLogic Color Calibration Utility
- Uniformity correction

**TVlogic®** Always ON-AIR

### Input

1 x DVI-I	Analog & Digital RGB
1 x HDMI	HDMI (1.1Ver) Input
3 x BNC	CVBS / Component Input
2 x BNC	SDI A/B Channel Input
1 x BNC	Ext. Sync. Input

### Output

3 x BNC	Analog (Passive Loop Through)
2 x BNC	SDI A/B Channel Output (Active Loop Through)
1 x BNC	Ext. Sync. out(Active Through Out)

### Input Signal

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

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-372M (Dual Link)	Dual HD-SDI YCbCr(4:2:2)  Dual HD-SDI YCbCr/RGB(4:4:4) 1080i (60/59.94/50) 1080p (30/29.97/25/24/23.98sF/24sF/23.98sF)
SMPTE-274M	1080i (60 / 59.94 / 50) 1080p (30/29.97/25/24/23.98sF/24sF/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)
Power	AC 100~240V (50~60Hz)
Power Consumption (Approx.)	135Watts (Max.)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Accessory	AC Power Cord / Stand

\* Specifications may be changed without notice.

### Optional Accessories



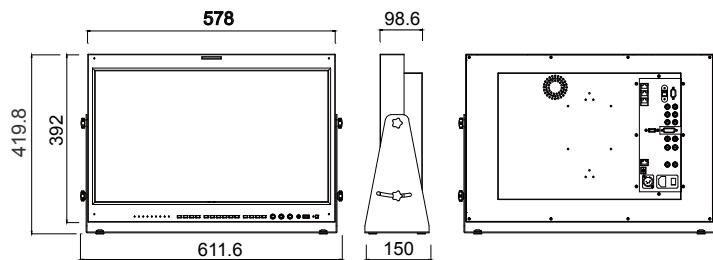
# AM-OLED High Performance Monitors

## LEM-250A



### Main body Dimensions

- Main Body : 578 x 392 x 98.6 (mm) / 22.76 x 15.43 x 3.88 (inch)
- With stand : 611.6 x 419.8 x 150 (mm) / 24.1 x 16.5 x 5.9 (inch)
- Weight : 12kg / 26.45lbs



### LCD

<b>Size</b>	24.5"
<b>Resolution</b>	<b>1920 x 1080 (16:9)</b>
<b>Pixel Pitch</b>	0.283mm
<b>Color Depth</b>	1.07B (True 10bit)
<b>Viewing Angle (Typ.)</b>	$d_{uv}=0.008@30^\circ$
<b>Luminance (Max.)</b>	150cd/m <sup>2</sup> (center)
<b>Contrast Ratio</b>	1200:1 (min), 5000:1 (dark)
<b>Display Area</b>	543 mm (H) x 306 mm (V)

### 24.5" FHD 10-bit Reference OLED Monitor

TVLogic has introduced the world's first AMOLED broadcast monitor in 2010. LEM-150, the 15inch HD resolution OLED monitor showed great possibility that the new display technology can contribute to the motion picture quality for professionals. Now TVLogic is back with its 2nd AM-OLED monitor, the LEM-250A.

The LEM-250A is a 24.5" full HD resolution monitor utilizing the best OLED display and equipped with all the features of TVLogic's XVM series reference monitors. Combined with the TVLogic's outperforming video processing and color calibration technology, the LEM-250A gives the highest picture quality and professional features that are required in the most color-critical work environment.



### Product Highlights

- **24.5" 1920x1080 Native HD Resolution**
- State-of-the-art AM-OLED Technology
- 1:1 Pixel Mapping Modes for SD/HD
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- H/V Delay
- Key lock
- Luma(Y') Zone Check
- Marker • Mono
- Range Error • UMD
- Time Code Display
- User Aspect
- Various Scan modes
- Waveform/Vectorscope
- X3 Zoom(PBP)
- CC-608 ANC, CC-608 LINE 21, CC-708, CC-KOR
- OP42, OP47
- 3D LUT & Adjustable Gamma
- 3rd party 3D LUT import and export
- TVLogic Color Calibration Utility

Input	
1 x DVI-I	DVI IN
3 x BNC	CVBS / S-Video / Component / RGB(VGA)
2 x BNC	SDI A/B Channel Input
1 x HDMI	HDMI Input
1 x BNC	EXT SYNC INPUT

Output	
3 x BNC	CVBS / S-Video / Component / RGB(VGA)
2 x BNC	SDI A/B Channel (Active Through Out)
1 x BNC	EXT SYNC OUT(Active Through Out)

Input Signal	
Analog(Composite)	CVBS / S-Video / Component / RGB(VGA)
3G-SDI	2.970Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
DVI	640x480/720x400/800x600/1024x768/1280x768/1280x1024/1366x768
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

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-327M(Dual Link)	Dual HD-SDI YCbCr (4:2:2), 1080p (60/59.94/50), Dual HD-SDI YCbCr/RGB (4:2:2), 1080i (60/59.94/50), 1080p (30/29.97/25/24sF/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 (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 12/24V / AC 100~240V
Power Consumption (Approx.)	83 Watts(Typ.)
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Accessory	AC Power Cord / Stand

\* Specifications may be changed without notice.

### Optional Accessories

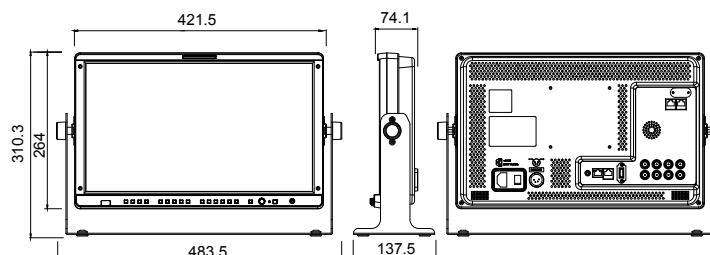


# 12G / 4K Display LUM-170G (12G) *New!*



## 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 : TBD



## LCD

Size	17.3"
Resolution	<b>1920X1080(16:9)</b>
Pixel Pitch	0.1989mm
Color Depth	16.7 M
Viewing Angle (Typ.)	178°(H)/178°(V)
Luminance (Max.)	300cd/m <sup>2</sup>
Contrast Ratio	700:1
Display Area	381(H)X214(V)mm

**TVlogic®** Always ON-AIR

## 12G-SDI Single Link 4K

The new monitors with 12G-SDI interface - 2x3G-SDI & 2x12G-SDI. The LUM-170G is the practical combination of FHD panel and 4K interface that is best for 4K/UHD monitoring and field production.



## Product Highlights

- **17.3" 1920 x 1080 Resolution**
- Matte Finish Panel
- True 24p(48Hz) driving for Digital Cinema
- 1:1 Pixel Mapping Modes for HD
- Blue Only
- H/V Delay
- Marker
- Mono
- TVLogic Color Calibration Utility

## 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	SDI A/B/C/D Channel Output (Active Through Out)
---------	---

## Input Signal

12G-SDI	11.880Gbps
3G-SDI	2.970Gbps
HD-SDI	1.485Gbps
HDMI	480p / 720p / 1080p / 2160p

## SDI Input Signal Formats

SMPTE-425M-A/B	1080p (60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)
SMPTE-274M	1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-296M	720p (60/59.94/50)
SMPTE ST 2036-1:2009	3840x2160(23.98/24/25/29.97/30/50/59.94/60p)
SMPTE ST 2048-1:2011	2048x1080(23.98/24/25/29.97/30p/psf, 47.95/48/50/59.94/60p)
Audio OUT	Analog stereo (Phone Jack)
Power	DC 12V / 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)
Accessory	AC Power Cord / Stand

\* Specifications may be changed without notice.

## Optional Accessories



*12G / 4K Display*

# LUM-240G (12G/4K)

New!

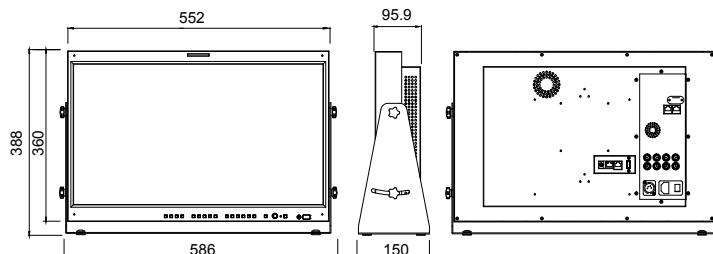


## Main body Dimensions

- Main Body : 552 x 360 x 95.9 (mm) / 21.73 x 14.17 x 3.77 (inch)

- With stand : 586 x 388 x 150 (mm) / 23.07 x 15.27 x 5.9 (inch)

- Weight : TBD



## LCD

Size	23.8"
Resolution	<b>3840 x 2160 (16:9)</b>
Pixel Pitch	0.137mm
Color Depth	1.07 B
Viewing Angle (Typ.)	178°(H)/178°(V)
Luminance (Max.)	350cd/m <sup>2</sup>
Contrast Ratio	1000:1
Display Area	527.04(H)X296.46(V)mm

## 12G-SDI Single Link 4K

The LUM-240G is a 24" 4K(3840x2160) monitor with 12G-SDI interface - 2x3G-SDI & 2x12G-SDI. The LUM-240G supports various video formats including 12G/ 3G/ HD-SDI and HDMI 2.0. The LUM-240G provides wide color gamut up to DCI and includes 3D LUT support and a full feature set.



## Product Highlights

- **23.8" 3840 x 2160 Resolution**
- Matte Finish Panel
- True 4K Resolution
- True DCI color gamut
- True 24p(48Hz) driving for Digital Cinema
- 1:1 Pixel Mapping Modes for HD
- Blue Only
- H/V Delay
- Marker
- Mono
- TVLogic Color Calibration Utility
- Single Mode (full screen)

**TVlogic®** Always ON-AIR

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	SDI A/B/C/D Channel Output (Active Through Out)

Input Signal	
12G-SDI	11.880Gbps
3G-SDI	2.970Gbps
HD-SDI	1.485Gbps
HDMI	480p / 720p / 1080p / 2160p

SDI Input Signal Formats	
SMPTE-425M-A/B	1080p (60/59.94/50/30/29.97/25/24/23.98/30sF/ 29.97sF/25sF/24sF/23.98sF)
SMPTE-274M	1080p (30/29.97/25/24/24sF/23.98sF)
SMPTE-296M	720p (60/59.94/50)
SMPTE ST 2036-1:2009	3840x2160/23.98/24/25/29.97/30/50/59.94/60p)
SMPTE ST 2048-1:2011	2048x1080/23.98/24/25/29.97/30p/psf, 47.95/48/50/59.94/60p)
Audio OUT	Analog stereo (Phone Jack)
Power	DC 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 )
Accessory	AC Power Cord / Stand

\* Specifications may be changed without notice.

## Optional Accessories

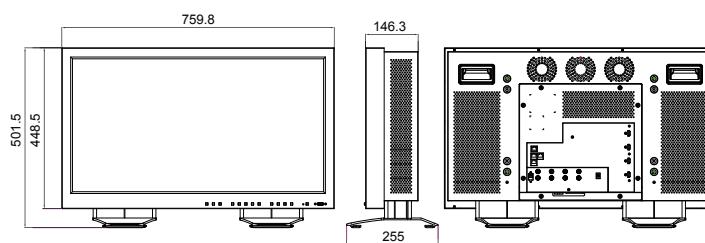


# 12G / 4K Display LUM-310A (4K)



## Main body Dimensions

- Main Body : 759.8 x 448.5 x 146.3 (mm) / 29.91 x 17.66 x 5.76 (inch)
- With stand : 759.8 x 501.5 x 255 (mm) / 29.91 x 19.74 x 10 (inch)
- Weight : 24.8kg / 54.67lbs



## LCD

Size	31.1"
Resolution	<b>4096 x 2160 (17:9)</b>
Pixel Pitch	0.1704mm
Color Depth	1.07B (True 10bit)
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	500cd/m <sup>2</sup> (center)
Contrast Ratio	1450:1
Display Area	698(H) x 368(V) mm

**TVlogic®** Always ON-AIR

## Input

4 x BNC	3G-SDI A/B/C/D Channel Input
4 x HDMI	HDMI A/B/C/D Channel Input (HDMI 1.4)

## Output

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

## Input Signal

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

## SDI Input Signal Formats

SMPTE-425M-A/B	1080p (60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)
SMPTE-274M	1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-296M	720p (60/59.94/50)
SMPTE ST 2036-1:2009	3840x2160(23.98/24/25/29.97/30/50/59.94/60p)
SMPTE ST 2048-1:2011	2048x1080(23.98/24/25/29.97/30p/psf, 47.95/48/50/59.94/60p)
Audio OUT	Analog stereo (Phone Jack)
Power	DC 24V / AC 100~240V (50~60Hz)
Power Consumption (Approx.)	199 Watts(Max)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 50°C (-4°F to 122°F)
Accessory	AC Power Cord / Stand

## \*Support Resolution and Frame Rate

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

\* Specifications may be changed without notice.

## Optional Accessories



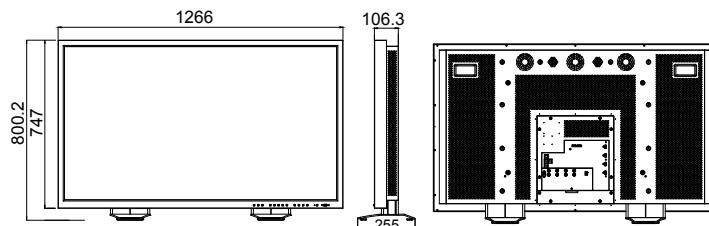
NOTE : Please refer to the user manual for the supporting video formats.

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



## Main body Dimensions

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



## LCD

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

## Professional 55" UHD Monitor

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



## Product Highlights

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

### Input

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

### Output

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

### Input Signal

3G-SDI	2.97Gbps
HD-SDI	1.485Gbps
HDMI / DP	480p / 720p / 1080p / 2160p

### SDI Input Signal Formats

SMPE-425M-A/B	1080p (60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)
SMPE-274M	1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPE-296M	720p (60/59.94/50)
SMPE ST 2036-1:2009	3840x2160(23.98/24/25/29.97/30/50/59.94/60p)
SMPE ST 2048-1:2011	2048x1080(23.98/24/25/29.97/30p/psf, 47.95/48/50/59.94/60p)
Audio OUT	Analog stereo (Phone Jack)
Power	AC 100~240V (50~60Hz)
Power Consumption (Approx.)	247 Watts(Max)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 50°C (-4°F to 122°F)
Accessory	AC Power Cord / Stand

### \*Support Resolution and Frame Rate

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

\* Specifications may be changed without notice.

## Optional Accessories



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

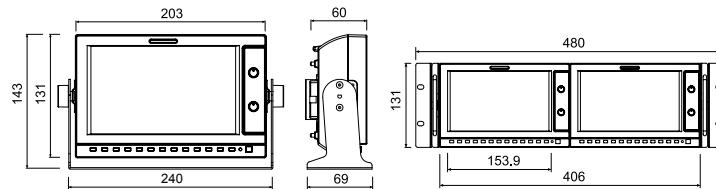
# Quad Monitors

## LQM-071W



### Main body Dimensions

- Main Body : 203 x 131 x 60 (mm) / 8 x 5.16 x 2.36 (inch)
- With stand : 240 x 143 x 69 (mm) / 9.44 x 5.63 x 2.72 (inch)
- Weight : 1.35kg / 2.97lbs



### LCD

<b>Size</b>	7"
<b>Resolution</b>	<b>800 x 480 (15 : 9)</b>
<b>Pixel Pitch</b>	0.190mm
<b>Color Depth</b>	16.7M
<b>Viewing Angle (Typ.)</b>	140°(H) / 140°(V)
<b>Luminance (Max.)</b>	350cd/m <sup>2</sup> (center)
<b>Contrast Ratio</b>	700:1
<b>Display Area</b>	152(H) x 91(V) mm

### Compact 7" Quad-Split Display with Integrated Waveform/Vectorscope Function

The LQM-071W features 4 Autosensing Inputs (BNC) for Composite Video, SD-SDI and HD-SDI. Any combined video sources can be viewed on-screen simultaneously. The LQM-071W also features sophisticated Waveform/VectorScope function and Audio Level Meters for each incoming SDI source. The LQM-071W is rack mountable as a single or double monitor configuration and is equipped with on selectable switched output.



### Product Highlights

- 7" 800x480 (15:9) Resolution
- Various Display Modes
  - 4 pictures
  - 3 pictures + 1 Waveform/VectorScope
  - 2 pictures + 2 Waveform/VectorScopes
  - 1 picture + 1 Waveform/VectorScope
  - 1 main picture + 3 sub pictures...
- Audio Level Metrt Display
- Blue Only
- Marker
- Time Code Display
- UMD
- Waveform/VectorScope
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- TVLogic Color Calibration Utility

**TVlogic®** Always ON-AIR

### Input

4 x BNC	SDI A/B/C/D Channel Input Analog Composite A/B/C/D Channel Input (Shares BNC with SDI input)
---------	--

### Output

1 x BNC	SDI Output only Selected SDI / Composite Channel (A/B/C/D)
---------	---

### Input Signal

Analog	CVBS
HD-SDI	1.485Gbps
SD-SDI	270Mbps

### Analog Input Spec

CVBS	1.0Vp-p (With Sync) NTSC, PAL
------	-------------------------------

### 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)
Audio IN	Embedded Audio / Analog Stereo (Phone Jack)
Audio OUT	Analog stereo (Phone Jack) / Internal Speaker (Mono)
Power	DC 12V/3A (Max 6.0A)
Power Consumption (Approx.)	18Watts
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Accessory	AC Power Cord / DC Power Adaptor / Camera Mount Support / Stand

\* Specifications may be changed without notice.

### Optional Accessories



# Quad Monitors

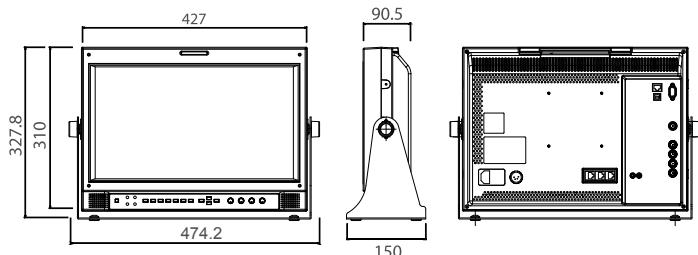
## LQM-171W

**TVlogic®** Always ON-AIR



### Main body Dimensions

- Main Body : 427 x 310 x 90.5 (mm) / 16.81 x 12.2 x 3.56 (inch)
- With stand : 474.2 x 327.8 x 150 (mm) / 18.66 x 12.9 x 5.9 (inch)
- Weight : 7.2kg / 15.87lbs



### LCD

Size	17"
Resolution	<b>1366 x 768 (16 : 9)</b>
Pixel Pitch	0.273mm
Color Depth	16.7M
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	350cd/m <sup>2</sup> (Center)
Contrast Ratio	900:1
Display Area	373(H) x 210(V) mm

### Rackmountable 17" Quad-Split LCD with Integrated Waveform/Vectorscope functionality

The LQM-171W is a 17" LCD quad split monitor which can display 4 X HD/SD SDI or Analog composite input signals. It has various display modes with built in Waveform, Vectorscope displays, Timecode display, UMD, Closed Caption, Audio disembedder, and speaker output and it also can be auto color calibrated by TVLogic's color calibration utility.



### Product Highlights

- **17"1366 X 768 (16:9) Resolution**
- Various Display Modes
- 4 pictures
- 3 pictures + 1 Waveform/Vectorscope
- 2 pictures + 2 Waveform/Vectorscope
- 1 picture + 1 Waveform/Vectorscope
- 1 main picture + 3 sub pictures...
- Audio Level Meter Display
- Blue Only
- Marker
- Time Code Display
- UMD
- Waveform/Vectorscope
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- TVLogic Color Calibration Utility

<b>Input</b> 4 x BNC	SDI A/B/C/D Channel Input Analog Composite A/B/C/D Channel Input (Shares BNC with SDI input)
<b>Output</b> 1 x BNC	SDI A/B/C/D Channel Selected Output Analog Composite AD Converted Output
<b>Input Signal</b>	
Analog	CVBS / SDI
HD-SDI	1.485Gbps
SD-SDI	270Mbps
<b>Analog Input Spec</b>	
CVBS	1.0Vp-p (With Sync) NTSC, PAL
<b>SDI Input Signal Formats</b>	
SMPT-E-274M	1080i (60 / 59.94 / 50) 1080p (30/29.97/25/24/24sF/23.98sF)
SMPT-E-296M	720p (60/59.94/50)
SMPT-E-260M	1035i (60/59.94)
SMPT-E-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 12/24V / 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 )
Accessory	AC Power Cord / Stand

\* Specifications may be changed without notice.

### Optional Accessories



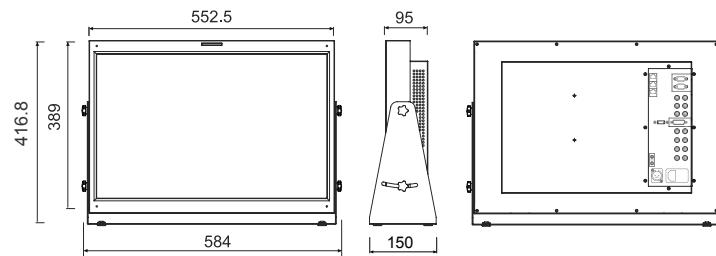
# Quad Monitors

## LQM-241W



### Main body Dimensions

- Main Body : 552.5 x 389 x 95 (mm) / 21.75 x 15.31 x 3.74 (inch)
- With stand : 584 x 416.8 x 150 (mm) / 23 x 16.4 x 5.9 (inch)
- Weight : 11kg / 24.25lbs



### LCD

<b>Size</b>	24"
<b>Resolution</b>	<b>1920 x 1200 (16 : 10)</b>
<b>Pixel Pitch</b>	0.270mm
<b>Color Depth</b>	16.7M
<b>Viewing Angle (Typ.)</b>	178°(H) / 178°(V)
<b>Luminance (Max.)</b>	300cd/m <sup>2</sup> (center)
<b>Contrast Ratio</b>	1000:1
<b>Display Area</b>	518(H) x 324(V) mm

### 24" 1920 x 1200 Native HD LCD Quad Split Display

The LQM-241W is a high quality 24 inch Quad-Split Monitor sharing a majority of the advanced functionality found in the LVM-245W. The LQM- 241W supports 4 HD/SD-SDI inputs at a time in quad split mode and can also display any additional sources in full screen or as one of the Quad Split Windows. The LQM-241W also features 4 HD/SD-SDI outputs as well as hosting advanced Waveform and Vectorscope functions.



### Product Highlights

- **24" 1920x1080 Native HD resolution**
- Matte Finish Panel
- Various Display Modes
- 4 pictures
- 2 pictures + 2 Waveform/Vectorscope
- 1 picture + 1 Waveform/Vectorscope
- 1 main picture + 3 sub pictures...
- 1:1 Pixel Mapping Modes for SD/HD
- Audio Level Meter Display
- Blue Only
- H/V Delay
- Key lock
- Marker
- Mono
- Time Code Display
- UMD
- Various Scan modes
- Waveform/Vectorscope
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- TVLogic Color Calibration Utility

### Input

1 x DVI-I	Analog & Digital RGB
3 x BNC	CVBS / Component Input
4 x BNC	SDI A/B/C/D Channel Input
1 x HDMI	HDMI Input

### Output

3 x BNC	Analog (Passive Loop Through)
4 x BNC	SDI A/B/C/D Channel Output (Active Loop Through)

### Input Signal

Analog	CVBS / S-Video / Component Video / RGB(D-TV)
HD-SDI	1.485Gbps
SD-SDI	270Mbps
DVI-D (PC Mode)	640x480/720x400/800x600/1024x768/1280x768/ 1280x1024/1600x1200/1920x1200/1920x1080
DVI-Analog	640x480/720x400/800x600/1024x768/1280x768/ 1280x1024
HDMI	1080p (24/25/30/50/60)/1080i(50/60)/720p(50/60)/ 480i(60)/480p(60)/576i(50)/576p(50) & VESA / IBM Modes

### Analog Input Spec

CVBS	1.0Vp-p (With Sync) NTSC, PAL
S-Video	1.0Vp-p (Y With Sync), 0.286/0.300Vp-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.)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Accessory	AC Power Cord / Stand

\* Specifications may be changed without notice.

### Optional Accessories



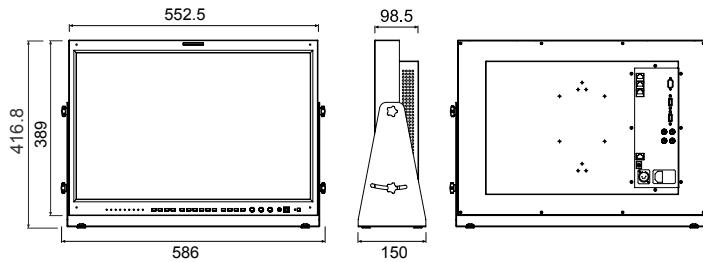
# Stereoscopic 3D TDM-Series (3D)



## Main body Dimensions

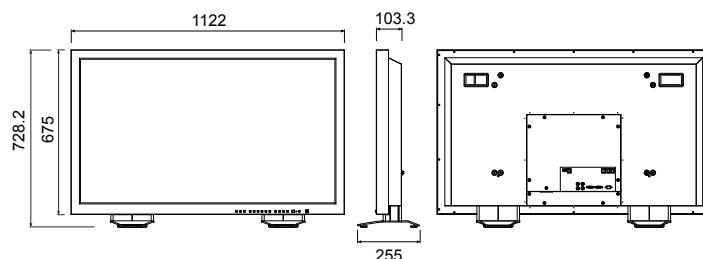
### TDM-243W

- Main Body : 552.5 x 389 x 98.5 (mm) / 21.75 x 15.31 x 3.85 (inch)
- With stand : 586 x 417 x 150 (mm) / 23.07 x 16.41 x 5.9 (inch)
- Weight : 10.8kg / 23.8lbs



### TDM-473W

- Main Body : 1122 x 675 x 103.3 (mm) / 44.17 x 26.57 x 4.1 (inch)
- With stand : 1122 x 728 x 255 (mm) / 44.17 x 28.66 x 10 (inch)
- Weight : 36kg / 79.3lbs

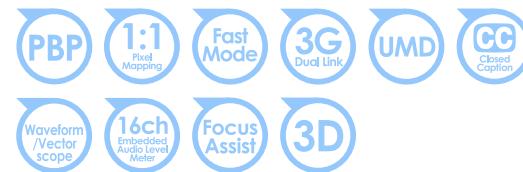


**24", 47" 2D/3D**

## Broadcast and Post-production Monitor

The TDM-Series features a passive micro-polarizing filter attached to the LCD panel in concert with passive circular polarizing 3D glasses for seamless 2D or 3D viewing of one or multiple monitors.

Full 12-bit processing delivers smooth gray scale and a built-in 3D LUT with preset or user definable (via imported 3D LUTs) color spaces of the TDM Series Monitors allow for highly accurate color visualization in 2D or 3D modes. Designed for broadcast, OB Van, production, and post-production environments, the TDM Series Monitors accept a wide variety of SD and HD digital and analog video formats and include the familiar TVLogic feature set.



## Product Highlights

- **1920 x 1080 Resolution LCD 3D Stereoscopic display (Passive)**
- 2 x HDMI(L/R) & 2 x SDI(L/R) inputs
- 3G HD-SDI (Level A & B)
- 2D, 3D Hot Key
- 1:1 Pixel Mapping Modes for SD/HD
- Audio Level Meter Display
- Blue Only
- Focus Assist
- H/V Delay
- Key lock
- Marker
- Mono
- Range Error
- Time Code Display
- UMD
- Waveform/Vector
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- TVLogic Color Calibration Utility

**TVlogic®** Always ON-AIR

## LCD

Size	24"	47"
Resolution	1920 x 1200 (16:10)	1920 x 1080 (16 : 9)
Pixel Pitch	0.270mm	0.542mm
Color Depth	1.07B	1.07B
Viewing Angle (Typ.)	2D:178°(H)/178°(V) 3D:178°(H)/20°(V)	2D:178°(H)/178°(V) 3D:178°(H)/20°(V)
Luminance (Max.)	2D : 400 cd/m <sup>2</sup> (Center)	2D : 400 cd/m <sup>2</sup> , 3D : TBD
Contrast Ratio	1000 : 1	3D : 1200:1
Display Area	518(H) x 324(V) mm	1039 (H) x 584 (V) mm

## Input

2 x BNC	SDI LEFT/RIGHT Channel Inputs
2 x HDMI	HDMI LEFT/RIGHT Channel Inputs

## Output

2 x BNC	SDI LEFT/RIGHT Channel Output (Active Loop Through)
---------	--

## Input Signal

3G-SDI	2.970Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
HDMI	480i/480p/576i/576p/720p/1080i/1080p/640x480/ 720x400/800x600/1024x768/1280x1024/1600x1200 1920x1080(TDM-243W)

## SDI Input Signal Formats

SMPE-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)
SMPE-372M (Dual Link)	Dual HD-SDI YCbCr(4:2:2) 1080p (50/59.94/60)
	Dual HD-SDI YCbCr/RGB(4:4:4) 1080p/PsF (30/29.97/25/24/23.98)
SMPE-274M	1080i (60 / 59.94 / 50) 1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPE-296M	720p (60/59.94/50)
SMPE-260M	1035i (60/59.94)
SMPE-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.)	73Watts (MAX) 290Watts (MAX)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F )
Accessory	AC Power Cord / Stand / 3D Glass

\* Specifications may be changed without notice.

## Optional Accessories



# Optional Accessories

**TVlogic®** Always ON-AIR

	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	SFP Module
VFM-056WP	●			●	●(V)	●(B, D)		●	●	●	
VFM-058W	● Included Free			●	●(V)	●(B, D)		●	●	●	
RKM-443A											
RKM-356A											
RKM-270A											
RKM-290A											
LVM-070C	●		●(D, S)	●	●(V, G)	●(D)	●	●	●	●	
LVM-074W	●		●(D, S)	●	●(V, G)	●(D)	●	●	●	●	
LVM-075A	●		●(D, S)	●	●(V, G)	●(D)	●	●	●	●	
SRM-074W -N	●		●(D, S)	●	●(V, G)	●(D)	●	●	●	●	
LVM-095W-N	●		●(D, S)	●				●	●	●	
SRM-095W	●		●(D, S)	●				●	●	●	
LVM-174W		●						●			
LVM-176W		●	●(S)		●(V)			●	●		
LVM-173W-3G		●	●(S)		●(V)			●	●		
LVM-170A		●	●(S)		●(V, G)			●	●		
LVM-182W-A		●	●(S)		●(V)				●		
LVM-212W			●(S)						●		
LVM-232W-A		●	●(S)		●(V)				●		
LVM-245W		●	●(S)						●		
LVM-246W		●	●(S)						●		
LVM-327W									●		
SWM-170A	●	●(S)									●
SWM-240A	●	●(S)									●
SWM-320A											●
SWM-420A									●		●
SWM-460A									●		●
SWM-550A									●		●
LHM-420A									●		
LHM-460A									●		
LHM-550A									●		
XVM-245W-N			●(S)						●		
XVM-325W									●		
LEM-250A	●		●(S)		●(V, G)				●		
LUM-170G		●	●(S)		●(V, G)			●	●		
LUM-240G		●	●(S)		●(V, G)				●		
LUM-310A									●		
LUM-550W									●		
LQM-071W	●		●(D, S)	●				●	●		
LQM-171W		●	●(S)		●(V)			●	●		
LQM-241W		●	●(S)						●		
TDM-243W			●(S)						●		
TDM-473W									●		

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

MEMO

**tvlogic**

MEMO

**Tvlogic**

MEMO

**Tvlogic**



12F, ACE HIGH-END TOWER 8, 84, Gasan digital 1-ro,  
Geumcheon-gu, Seoul 153-797, Korea

Tel : +82-70-8668-6611

Fax : +82-2-6123-3201

E-mail : sales@tvlogic.co.kr / support@tvlogic.co.kr

**www.tvlogic.tv**