

Multi-Format Broadcast LCD Monitors

Product Lineup

2010

TVlogic

TVlogic

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TVlogic

Everything Broadcast and Professional Monitors Should Be... and More.



Everything you expect from broadcast and professional monitors... and more.

Since 2001, TVLOGIC has been dedicated to developing and manufacturing the highest quality video monitoring systems available for broadcast, production and post production as well as digital signage & multi-viewer applications. As a leading pioneer of broadcast equipment in South Korea, our growth has been accentuated with expanded mass-production systems that consistently achieve higher performance, lower costs, and enhanced quality control.

Today, TVLOGIC is one of the world's leading broadcast monitor manufacturers. Our unique technology and innovative designs have provided customers in top broadcasting and production facilities around the world with reliable reference grade displays for the most demanding critical viewing applications. TVLOGIC's eight monitor lines encompass an ever-growing variety of professional video display requirements.

NEW for 2010, the LEM Series Multi-Format and TDM Series Stereoscopic 3D models showcase 15" HD Organic LED (OLED) panels, the latest advancement in flat panel display technology, providing vivid, lifelike images unlike anything seen previously.

Also NEW for 2010 is the LUM Series Quad HD (4K) Monitor designed for 10-bit 56" widescreen display of 4K (3840 x2160) video.

Together, TVLOGIC monitors represent all you have come to expect from broadcast and professional grade displays. Now, more than ever, TVLOGIC is everything broadcast and professional monitors should be...and more.

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Product Lineup 2010



Enhanced Contrast, Precise Color Calibration and Field Upgradability

ND Glass Filter Option

The LVM-173W and LVM-243W can be outfitted with an optional Neutral Density Glass Filter.

Enhanced contrast and deeper blacks result as the ND glass filters light emitted from the display once while filtering ambient reflected light twice.



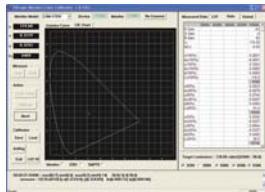
ND Glass is ideal for environments such as edit suites or critical evaluation viewing as it serves to enhance contrast, improve black levels, and give the monitor the familiar glass look of a CRT monitor.

Automatic Alignment

TVLogic's optional Automatic Color Calibration Utility provides a unique interface for proper alignment of our monitors. Our Color Calibration Utility is designed to work with 4 different probes to suit various applications, budgets and calibration speed requirements.

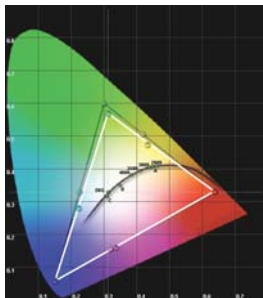
TVLogic supports the X-Rite Eye One Display 2 basic probe as well as the Konica Minolta CS-200 ChromaMeter and DK-Technologies PM5639 Probe.

The most advanced probe we support is the Klein Instruments K-10 Colorimeter. Designed for the most demanding use, the K-10 offers the fastest and most accurate automatic alignment and includes a separate Klein software utility that enables measurement of most CRTs, LCDs, Plasmas, DLPs, etc. for comparison and matching with TVLogic Displays.



Accurate Color Reproduction

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



Field Upgradability



All LVM Series 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 to registered users who own the handheld upgrade tool and a supported TVLogic monitor.



Industry-Leading Broadcast Features and Superior Video Engineering

Flexibility

Wide Range of Inputs Standard
2 x SD/HD autosenesing/SDI, Component, Composite, S-Video, RGB, DVI-I (or VGA) and/or HDMI (HDCP) inputs are standard on all TVLogic Monitors.

True Multi-Format Support
Support of NTSC, PAL, SECAM & virtually all SD/HD digital formats is standard. This includes standard support of PsF formats as well as 1080p60 and 4:4:4 sources over Dual-Link or 3G on all LVM-XX3Ws, LEM, LUM, TDM and XVM series monitors.

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

Superior Picture Quality

Full Native HD Resolution
The 24", 32", 40", 46", 55" and 57" models support full native 1920x1080 resolution. Models 17" and below offer full native resolution support of 720p. All monitors can handle any standard input format and are capable of full screen native, full screen scaled or 1:1 pixel mapped display at each screen's maximum resolution.

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

Accurate Colorimetry
TVLogic's advanced automatic alignment technology ensures matching displays that are calibrated to precise REC 709 specifications.

View Angle Free
Industry leading viewing angles up to a full 180° (OLED)



Broadcast Features

- Multi-Format Support (480i, 480P, 576i, 720p, 1080i, 1080P, 1080PsF, 2K)
- Assignable Remote Control
- H/V Delay
- Blue Only & Monochrome
- Wide Variety of Markers & Safety Areas including user defined Markers
- AutoSensing AutoSwitching HD/SD-SDI Inputs
- Multi-Format Analog Signal Support (Composite / S-Video / Component / RGB / DVI or VGA / HDMI)
- HDMI input (HDCP decryption)
- 2 x Reclocked Active LoopThrough (SDI)
- 3G / Dual-Link compatibility on 15", 17", 24", 32", 40", 46", & 55" units (except LVM-XX2Ws)
- Built in Audio Disembedder and Internal Speakers
- Selectable Color Temperature (3200K, 5000K, 5600K, 6500K, 9300K, and user defined)
- Source ID function / Dynamic UMD
- Timecode display
- 708/608 Closed Caption decoding
- Brightness, Contrast, Chroma, Phase & Backlight adjustability
- Waveform / Vector Scope



TDM-150W (3D-OLED)

The world's first professional stereoscopic OLED monitor



The TDM-150W is the first professional stereoscopic 3D display to take advantage of the unique properties of OLEDs including highest possible contrast ratio, extremely wide viewing angle and blazingly fast image response. The TDM-150W is an ideal monitoring solution for 3D production and on-set stereoscopic visualization.

Product Highlight

- 15" 1366x768 Resolution Active Matrix OLED 3D Stereoscopic display (Active Shutter)
- High Contrast 100,000:1
- 2 x HDMI (L/R) & 2 x SDI (L/R) Inputs
- 2D, 3D Hot Key
- Left/Right Channel Only Function
- Low Power Consumption
- Widest Possible Viewing Angle (180°)
- Fast Panel Response Time
- Firmware Update using Ethernet or USB
- 1:1 Pixel Mapping Mode
- Audio Disembedder & Speakers
- 3G-SDI Level A & Level B Support
- SDI, HDMI 10-bit Support
- 3G/ Dual Link Mode – 4:4:4
- User Aspect
- Waveform/Vector Scope (Y/Cb/Cr, Wide Type, Line Waveform and Range Error)
- Audio level meter display (horizontal/vertical, position, size, and decay time selects)
- Selectable audio channels for speaker left/right (SDI on speaker support model)
- Timecode Display (VITC, LTC)
- UMD support (ANC, Manual, Dynamic, User) support and selectable 3 font sizes and selectable tally colors (User Tally type)
- Blue Only, Mono, and Focus Assist
- Fast Mode
- GPI (Remote)
- Closed Caption (608/708)
- Key lock
- Selectable 3 function keys
- Monitor control by using RS422
- Marker
- H/V Delay
- Optional 19" Rack Mount Kit available (also VESA compatible)
- Supports TVLogic Color Calibration Utility for proper color alignment

Main Body Dimensions (mm/inch)

- 370 x 264 x 58 (14.6 x 10 x 2.3)
- 417.2 x 288.2 x 134.6 (16.4 x 11.4 x 5.3) with stand
- Weight : 3.5 Kg / 7.71 lb

Product Highlight

Input	2 x BNC 2 x HDMI	SDI LEFT/RIGHT Channel Input HDMI LEFT/RIGHT Channel Input	
Output	2 x BNC	SDI LEFT/RIGHT Channel (Active Through Out)	
Input Signal (2D / 3D)	3G-SDI	2.970Gb/s	
	HD-SDI	1.485Gbps	
	SD-SDI	270Mbps	
	HDMI	480i/480p/720p/1080i/1080p8/ VESA/IBM Modes	
SDI Input Signal Formats	SMPTTE-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)	
	SMPTTE-372M	Dual HD - SDI YPbPr(4:2:2)	1080p (50 / 59.94 / 60)
		Dual HD - SDI YPbPr/RGB(4:4:4)	1080i (60 / 59.94 / 50)
	SDI Input Signal Formats	SMPTTE-274M	1080i (60/59.94/50)
1080p (30/29.97/25/24/24sf/23.98/23.98sf)			
SMPTTE-296M		720p (60 / 59.94 / 50)	
SMPTTE-260M		1035i (60 / 59.94)	
SMPTTE-125M		480i (59.94)	
ITU-R BT.656	576i (50)		
Audio IN	Embedded Audio / Analog stereo (Phone Jack)		
Audio OUT	Analog stereo (Phone Jack)		
LCD	Size	15.0"	
	Resolution	1366 x 768 (16:9)	
	Dot Pitch	0.243 (H) x 0.243 (V) mm	
	Color	16.7M (true 8bit)	
	Viewing Angle	Viewing angle free	
	Luminance of White	200 cd / m ²	
	Contrast	100,000:1	
Power	DC Input	DC 12V / AC100~240V	
	Power Consumption (Approx.)	42 Watts (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		
Option	Carrying Case / V-Mount / 19" Rack Mountable Kit (6U) / Sun-Hood		

* Specifications may be changed without notice.

LEM-150 (OLED)

The world's first professional OLED monitor



The LEM-150 is the first broadcast monitor to utilize an Organic Light Emitting Diode (OLED) display. OLED offers many advantages over conventional flat-panel technologies including highest possible contrast ratio, ultra-wide 180° viewing angle and extremely fast image response.

Product Highlight

- 15" 1366x768 Active Matrix OLED
- High Contrast 100,000:1
- Low power consumption
- Widest Possible Viewing Angle (180°)
- Fast panel response time
- Firmware update using Ethernet or USB
- 1:1 pixel mapping modes
- Audio Disembedder & Speakers
- 3G-SDI Level A & Level B support
- 3G/ Dual Link Mode – 4:4:4
- User Aspect
- Waveform (Y/Cb/Cr, Wide type, Line waveform, and Range Error)
- Audio level meter display (horizontal/vertical, position, size and decay time selects)
- Selectable audio channels for speaker left/right (SDI, speaker support model)
- Vector Scope
- Timecode Display (VITC, LTC)
- UMD (ANC, Manual, Dynamic, and User) support and selectable 3 font sizes and selectable tally colors (User Tally type)
- Blue Only, Mono, Focus Assist
- Fast Mode
- GPI (Remote)
- PBP
- Closed Caption (608/708)
- Key lock
- Selectable 3 function keys.
- Monitor control by using RS422
- Marker
- H/V Delay
- Optional 19" Rack Mount Kit available (also VESA compatible)
- Supports TVLogic Color Calibration Utility for proper color alignment

Main Body Dimensions (mm/inch)

- 370 x 264 x 58 (14.6 x 10 x 2.3)
- 417.2 x 288.2 x 134.6 (16.4 x 11.4 x 5.3) with stand
- Weight : 3.4 Kg / 7.71 lb

Product Highlight

Input	1 x DVI-I	DVI IN / VGA IN	
	3 x BNC	Analog Input	
Output	2 x BNC	SDI A/B Channel Input	
	1 x HDMI	HDMI Input	
Input Signal	3 x BNC	Analog Output	
	2 x HDMI	SDI A/B Channel Output	
Input Signal	Analog	Composite / S-Video / Component / RGB	
	3G-SDI	2.970 Gb/s	
	HD-SDI	1.485 Gbps	
	SD-SDI	270Mbps	
Analog Input Spec	EDVI	VESA/IBM Modes	
	HDMI	480i/480p/720p/1080i/1080p8/ VESA/IBM Modes	
SDI Input Signal Formats	Composite	1.0Vpp (With Sync)	
	S-Video	1.0Vpp (Y With Sync), 0.286 Vpp (C)	
	Component	1.0Vpp (Y With Sync), 0.7 Vpp (Pb, Pr)	
	RGB	1.0Vpp (G With Sync), 0.7 Vpp (B, R)	
SDI Input Signal Formats	SMPTTE-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)	
	SMPTTE-372M	Dual HD-SDI YPbPr (4:2:2)	1080p (50 / 59.94 / 60)
		Dual HD-SDI YPbPr/RGB (4:4:4)	1080i (60 / 59.94 / 60)
	SMPTTE-274M	1080i (60/59.94/50)	1080p/psf (30 / 29.97 / 25 / 24 / 23.98)
		1080p (30/29.97/25/24/24sf/23.98/23.98sf)	
SMPTTE-296M	720p (60 / 59.94 / 50)		
SMPTTE-260M	1035i (60 / 59.94)		
SMPTTE-125M	480i (59.94)		
ITU-R BT.656	576i (50)		
Audio IN	Embedded Audio / Analog stereo (Phone Jack)		
Audio OUT	Analog stereo (Phone Jack)		
LCD	Size	15"	
	Resolution	1366 x 768	
	Dot Pitch	0.081 (H) x 0.243 (V) mm	
	Color	16.7M (24bit, True)	
	Viewing Angle (Typical)	H : 180 degrees V : 180 degrees	
	Luminance of White	200 cd / m ² (Center)	
	Contrast	100,000:1	
Display Area	331.938 (H) x 186.624 (V) mm		
Power	12V DC / AC100~240V		
Power Consumption (Approx.)	12 Watts (DC)		
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)		
Storage Temperature	-30 °C to 50 °C (-22 °F to 122 °F)		
Accessory	AC Power Cord		
Option	Carrying Case / V-Mount / 19" Rack Mountable Kit (6U) / Sun-Hood		

* Specifications may be changed without notice.

XVM-245W

24" (1920x1080) 10 bit Color Critical LCD Monitor

The XVM-245W utilizes a High-Purity RGB Matrix LED backlight array to reproduce the most accurate color possible on an LCD.

Designed in cooperation with the Korean Broadcasting System, the XVM-245W meets all EBU Grade 1 specifications for color critical monitors while retaining all of the broadcast features found in the popular LVM Series.

The XVM-245W features an integrated 3D LUT and supports import and export of popular color grading application LUT formats.

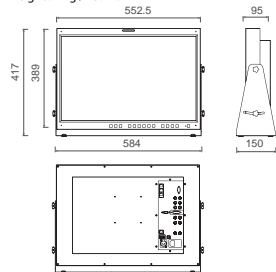


Product Highlight

- 1920x1080 Native HD Resolution (Panel Resolution 1920x1200)
- 1000:1 Contrast Ratio
- 10 bit - 1.07 Billion Colors Support
- High-Purity Precision RGB Matrix LED Backlight Array
- 2 x HD/SD SDI inputs
- 1 x DVI-I input (W/HDCP) and 1 x HDMI input(W/HDCP)
- Analog Component/Composite/S-Video/RGB inputs
- 1:1 Pixel Mapping Modes for SD/HD
- Audio Disembedder & Speakers
- Optional 19" Rack Mount Kit available (also VESA compatible)
- Supports TLogic Color Calibration Utility for proper color alignment
- Dual-Link/3G Mode - 4:4:4 / 1080p60 compatible
- Matte Finish Panel
- Waveform/Vector Scope (Line selectable)
- Supports External Sync input
- Supports 3D LUT & Adjustable Gamma (1.0 to 3.0) and user defined
- Supports 3rd party 3D LUT formats for import and export
- Supports Multi-point Calibration for RGB and White uniformity correction
- Timescode Display (VITC/VTC), Dynamic UMD Display
- Closed Caption : CEA-608/708
- Embedded Audio Level Meter (16 ch)

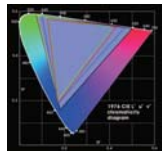
Main Body Dimensions (mm/inch)

- 552.5 x 389 x 95 (21.8 x 15.3 x 3.7)
- 584 x 417 x 150 (23 x 16.4 x 5.9) with stand
- Weight : 7 kg / 15.4 lb



Supports various video standards

The XVM-245W supports the following video standards: SMPTE-C, REC 709 (sRGB), DCI-P3, EBU, and User Defined Color Space.



Specifications

Input	1 x DVI-I	DVI IN	
	3 x BNC	Analog Input	
Output	2 x BNC	SDI A/B Channel Input	
	1 x HDMI	HDMI Input	
	1 x BNC	EXT SYNC INPUT	
	3 x BNC	Analog Loop Through Output	
Input Signal	2 x BNC	SDI A/B Channel Output (Active Through-Out)	
	1 x BNC	EXT SYNC OUTPUT	
	Analog	Composite / S-Video / Component / RGB	
	3G-SDI	2.970Gbps	
	HD-SDI	1.485Gbps	
Analog Input Spec	SD-SDI	270Mbps	
	DVI	VESA/IBM Modes	
	HDMI	480i/480 p/720p/1080i/1080 p & VESA/IBM Modes	
	Composite	1.0Vpp (With Sync)	
SDI Input Signal Format	S-Video	1.0Vpp (Y With Sync), 0.286Vpp(C)	
	Component	1.0Vpp (Y With Sync), 0.7Vpp (Pb,Pr)	
	RGB	1.0Vpp (G With Sync), 0.7Vpp (B,R)	
	SMPTE-425M-A/B	1080p (60/59.94/50/30/29.97/25/24/23.98/30f/29.97f/25f/24f/23.98f)	1080i (60/59.94/50)
		Dual HD-SDI YPbPr (4:2:2)	1080p (50 / 59.94 / 60)
	SMPTE-372M	Dual HD-SDI YPbPr/RGB (4:4:4)	1080i (50 / 59.94 / 60)
		1080p/ptf (30 / 29.97 / 25 / 24 / 23.98)	1080p (60/59.94/50)
	SMPTE-274M	1080p (30/29.97/25/24/24f/23.98f)	720p (60/59.94/50)
		SMPTE - 296M	1035i (60/59.94)
		SMPTE - 260M	1035i (60/59.94)
SMPTE - 125M		480i (59.94)	
ITU - R BT.656		576i (50)	
2K Format	2048 x 1080p (24/24f/23.98f)		
Audio In	Embedded Audio / Analog Stereo (Phone Jack)		
Audio Out	Analog Stereo (Phone Jack)		
	Internal Speaker (Stereo)		
LCD	Size	24"	
	Resolution	1920 x 1200 (16:10)	
	Pixel Pitch	0.270 (H) x 0.270 (W) mm	
	Color	1,073,741,824 colors (true 10bit)	
	Viewing Angle	H : 178 degrees / V : 178 degrees	
	Luminance of white	80 cd / m ² at Center (Max. 250cd / m ²)	
	Contrast	800:1	
Power	24V DC / AC100~240 V		
Power Consumption (Approx.)	77 Watts (DC / 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 / NDF Screw		
Option	Carrying Case / 19" Rack Mountable Kit / Dual Link / 3Gb		

* Specifications may be changed without notice.

Flexibility

A wide range of input standards are supported by the XVM-245W including two autosenesing/autoswitching HD/SD-SDI, Component, Composite, S-Video, RGB, DVI-I and HDMI with HDCP support.

True Multi-Format Support

NTSC, PAL, SECAM and all SD/HD digital format support are standard. This includes PsF formats as a standard feature and support of 1080p60 and 4:4:4 sources over Dual-Link and 3G.

Slim and Smart Design

The XVM-245W offers a slim, adjustable-angle desktop design, low power consumption, and an optional rack mount kit for use in any environment requiring the most accurate color video reproduction possible.

10 bit - 1.07 Billion Colors Support



Various Display Modes



RGB Matrix LED backlight in an advanced In-Plane Switched (S-IPS) LCD panel yields both wide gamut color and wide viewing angle (R/L: 178 U/D: 178)



LUM-560W (4K)

56" 4K (3840X2160) 10 bit display



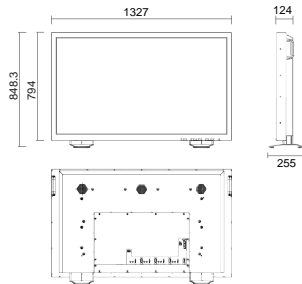
The 56" LUM-560W is a 4K (3840X2160) 10 bit monitor designed for high resolution cinema post, industrial, military and medical applications.

Product Highlight

- 4 x HDMI, 4 x SDI, and 4 x DVI Inputs
- 4 x SDI throughout
- DVI, HDMI, SDI 4K Mode Hot Key
- 3840x2160 resolution
- 1500:1 Contrast Ratio
- Full screen display for source selection among 4ch of DVI, HDMI, and SDI
- Firmware update using Ethernet or USB
- Phone jack audio out (analog stereo)
- 3G-SDI Level A & Level B support
- SDI, HDMI, DVI 10-bit support
- GPI (Remote)
- Key lock
- Selectable 5 function keys
- Monitor control using RS422
- Marker
- Supports TVLogic Color Calibration Utility for proper color alignment

Main Body Dimensions (mm/inch)

- 1327 x 794 x 127.7 (52.2x 31.3x 5)
- 1327 x 848.3 x 255 (52.2 x 33.4 x 10) with stand
- Weight : 35.6 Kg / 78.4 lb



Specifications

Input	4 x DVI-D	DVI A/B/C/D Channel Input
	4 x BNC	SDI A/B/C/D Channel Input
	4 x HDMI	HDMI A/B/C/D Channel Input
Output	4x BNC	SDI A/B /C/D Channel (Active Through Out)
Input Signal	3G-SDI	2.970Gb/s
	HD-SDI	1.485Gbps
	SD-SDI	270Mbps
	DVI	VESA/IBM Modes
	HDMI	480i/480p/720p/1080i/1080p& 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	1080p (60 / 59.94 / 50)
	SMPTE-296M	720p (60 / 59.94 / 50)
	SMPTE-260M	1035i (60 / 59.94)
	SMPTE-125M	480i (59.94)
	ITU-R BT.656	576i (50)
Audio IN	Embedded Audio / Analog stereo (Phone Jack)	
Audio OUT	Analog stereo (Phone Jack)	
LCD	Size	56.2"
	Resolution	3840 x 2160
	Dot Pitch	0.108 (H) x 0.324 (W) mm
	Color	1G colors (10-bit)
	Viewing Angle (Typical)	H: 176 degrees V: 176 degrees
	Luminance of White	450 cd / m ² (center)
	Contrast	1500:1
	Display Area	1244.16 (H) x 699.84 (V) mm
	Power	AC100~240V
Power Consumption (Approx.)	380 Watts(MAX)	
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)	
Storage Temperature	-20 °C to 55 °C (-4 °F to 131 °F)	
Accessory	AC Power cord	
Option	Carrying Case / Wall Mount	

* Specifications may be changed without notice.



LVM-071W

The most comprehensive 7" HD LCD display available



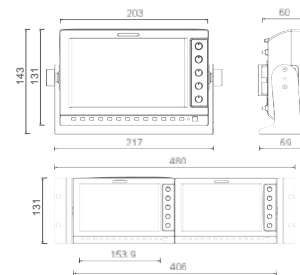
The LVM-071W combines the newest 7" LED-backlit widescreen LCD panel with Multi-format inputs (HD/SD-SDI, Composite, Component, YC, and DVI w/HDCP), a built-in Waveform/Vector Scope display, battery mount, and speaker with volume control - all in a sleek diecast aluminum package. A great choice for broadcast and production applications.

Product Highlight

- Remote (RJ45)
- Embedded Audio Level Meter (16Ch)
- Waveform (SDI)
- Vector Scope (SDI)
- Aluminum Diecast Case
- Timecode display
- UMD
- V-mount for Battery Powered Operation
- Closed Caption: CEA-608/708 (SDI)
- 1:1 Pixel Mapping function
- Highlight Focus Assist function
- Y/C Error Check Function (SDI)
- Audio Disembedder & Speaker

Main Body Dimensions (mm/inch)

- 203 x 131 x 60 (8.4 x 5.2 x 2.4)
- 217 x 143 x 69 (8.6 x 5.6 x 2.7) with stand
- Weight : 1.35 kg / 2.97 lb



Specifications

Input	1 x DVI-I	DVI IN / VGA IN
	3 x BNC	Analog Input
	1 x BNC	SDI 1 Channel Input
Output	1 x BNC	SDI Channel Output(Active Through-Out)
Input Signal	Analog	Composite / S-Video / Component / RGB
	HD-SDI	1.485Gbps
	SD-SDI	270Mbps
	DVI-Analog	640x480/800x600/1024x768/1280x1024/720x400
	DVI-Digital (Graphic)	640x480/800x600/1024x768/1280x768/1280x1024/720x400
DVI-Digital (Video)	1080p (24/25/30/50/60/1080i (50/60/720p (50/60)/480p (60/576p (50)	
Analog Input Spec	Composite	1.0Vpp (With Sync)
	S-Video	1.0Vpp (Y With Sync), 0.286 Vpp (C)
	Component	1.0Vpp (Y With Sync), 0.7 Vpp (Pb, Pr)
	RGB	1.0Vpp (G With Sync), 0.7 Vpp (B, R)
SDI Input Signal Formats	SMPTE-274M	1080i (60 / 59.94 / 50)
	SMPTE-296M	720p (60 / 59.94 / 50)
	SMPTE-260M	1035i (60 / 59.94)
	SMPTE-125M	480i (59.94)
	ITU-R BT.656	576i (50)
	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 (Mono)	
LCD	Size	7"
	Resolution	800 x 480 (15:9)
	Dot Pitch	0.190 mm
	Color	16.7M (true), 24bit
	Viewing Angle (Typical)	H: 130 degrees V: 110 degrees
	Luminance of White	350cd (center)
	Contrast	400:1
Display Area	152 x 91 mm	
Power	12V DC	
Power Consumption (Approx.)	12 Watts (DC)	
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)	
Storage Temperature	-30 °C to 50 °C (-22 °F to 122 °F)	
Accessory	AC Power Cord / DC Power Adaptor / Camera Mount	
Option	19" Rack Mountable Kit(SU/Dual Monitor/Single Monitor) / Carrying Case / Sun-Hood / Acrylic Filter	

* Specifications may be changed without notice.

LVM-084

High Quality 8.4" LCD for select 4:3 applications



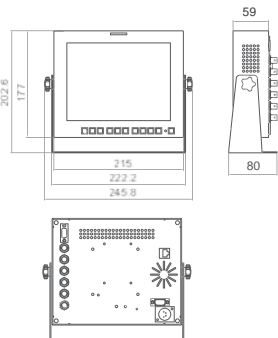
Price is competitive with similar quality of HD/SD multi-format units.

Product Highlight

- Multi-Format 2 Channel SDI Support
- Input: 1 D-SUB, 3 BNC (Analog), and 2 BNC (SDI)
- Output: 1 BNC (Selected SDI Channel Active Through Out)
- Remote (RJ45)
- Embedded Audio Level Meter (8 Ch)
- Dot Pitch : 0.165mm
- 16.7M (true), 8 bit
- Contrast: 400:1
- Viewing Angle: 170°
- LCD Resolution: 1024x768 (4:3)
- V-mount for Battery Powered Operation

Main Body Dimensions (mm/inch)

- 215 x 177 x 59 (8.5 x 7 x 2.3)
- 245.8 x 202.6 x 80 (9.7 x 8 x 3.2) with stand
- Weight: 2.1kg / 4.6 lb



Specifications

Input	1 x D-SUB	VGA In
	3 x BNC	Analog Input
Output	2 x BNC	SDI 2 Channel Input
	1 x BNC	SDI A/B Selected Channel Output (Active Through-Out)
Input Signal	Analog	Composite / S-Video / Component / RGB
	HD-SDI	1.485Gbps
	SD-SDI	270Mbps
	VGA	640x480/800x600/1024x768/1280x1024/720x400
Analog Input Spec	Composite	1.0Vpp (With Sync)
	S-Video	1.0Vpp (Y With Sync), 0.286 Vpp (C)
	Component	1.0Vpp (Y With Sync), 0.7 Vpp (Pb, Pr)
	RGB	1.0Vpp (G With Sync), 0.7 Vpp (B, R)
SDI Input Signal Formats	SMPTE-274M	1080i (60 / 59.94 / 50)
	SMPTE-296M	1080p (30/29.97/25/24/24F/23.98/23.98sF)
	SMPTE-260M	720p (60 / 59.94 / 50)
	SMPTE-125M	1035i (60 / 59.94)
	ITU-R BT.656	480i (59.94) / 576i (50)
LCD	Size	8.4"
	Resolution	1024 x 768 (4:3)
	Dot Pitch	0.165 mm
	Color	16.7M(true), 24bit
	Viewing Angle (Typical)	H : 170 degrees V : 170 degrees
	Luminance of White	400cd (center)
	Contrast	400:1
Display Area	170 x 128 mm	
Power	12V DC	
Power Consumption (Approx.)	16 Watts(DC)	
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)	
Storage Temperature	-10 °C to 50 °C (-14 °F to 122 °F)	
Accessory	AC Power Cord / DC Power Adaptor / Camera Mount	
Option	19" Rack Mountable Kit(4U/Dual Monitor/Single Monitor) / Carrying Bag & Hood / V-Mount	

* Specifications may be changed without notice.

LVM-091W

Simply the best 9" LCD monitor anywhere



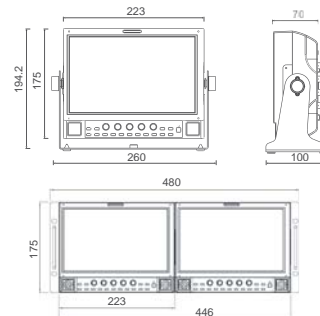
Whether your application is broadcast, OB van, or camera assist, the LVM-091W combines a lightning-fast 9" LCD panel (<5ms) with Multi-format capability (HD/SD-SDI, Composite, Component, YC, and DVI w/HDCP inputs) built-in Waveform, Vector Scope, speakers with volume control, and all in a die-cast aluminum case. Camera/viewfinder features include flip mode, mirror mode, built-in battery, and camera mounts.

Product Highlight

- 9" Wide Screen (800x480 pixels) OCB panel
- Ultra-Fast Response Time
- Wide 170° Viewing Angle
- Remote (RJ45)
- Embedded Audio Level Meters (16Ch)
- Waveform (SDI)
- Vector Scope (SDI)
- Aluminum Diecast Case
- Timecode Display
- UMD
- V-mount for battery powered operation
- Closed Caption: CEA-608/708 (SDI)
- 1:1 Pixel Mapping Function
- Highlight Focus Assist Function
- Y/C Error Check Function (SDI)
- Audio Disembedder & Speakers

Main Body Dimensions (mm/inch)

- 223 x 175 x 70 (8.8 x 6.9 x 2.8)
- 260 x 194.2 x 100 (10.2 x 7.7 x 3.9) with stand
- Weight : 2.5 kg / 5.51 lb



Specifications

Input	1 x DVI-I	DVI IN / VGA IN
	3 x BNC	Analog Input
Output	2 x BNC	SDI A/B Channel Input
	1 x BNC	SDI A/B Selected Channel Output (Active Through-Out)
Input Signal	Analog	Composite / S-Video / Component / RGB
	HD-SDI	1.485Gbps
	SD-SDI	270Mbps
	DVI-Analog	640x480/800x600/1024x768/1280x1024/720x400
Analog Input Spec	DVI-Digital (Graphic)	640x480/800x600/1024x768/1280x1024/720x400
	DVI-Digital (Video)	1080p (24/25/30/50/60/1080i (30/29.97/25/24/24F/23.98/23.98sF))
	Component	1.0Vpp (With Sync)
SDI Input Signal Formats	SMPTE-274M	1080i (60 / 59.94 / 50)
	SMPTE-296M	1080p (30/29.97/25/24/24F/23.98/23.98sF)
	SMPTE-260M	720p (60 / 59.94 / 50)
Audio IN	SMPTE-125M	1035i (60 / 59.94)
	ITU-R BT.656	480i (59.94) / 576i (50)
	2K Format	2048 x 1080p (24/24F/23.98/23.98sF)
Audio IN	Embedded Audio / Analog stereo (Phone Jack)	
Audio OUT	Analog stereo (Phone Jack) / Internal Speaker (Stereo)	
LCD	Size	9"
	Resolution	800 x 480 (15:9)
	Dot Pitch	0.246 x 0.246 mm
	Color	16.7M (true), 24bit
	Viewing Angle (Typical)	H : 170 degrees V : 170 degrees
	Luminance of White	350cd (center)
	Contrast	350:1
	Display Area	196.8 x 118.08 mm
Power	12V/24V DC	
Power Consumption (Approx.)	24 Watts	
Operating Temperature	-10 °C to 50 °C (14 °F to 122 °F)	
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)	
Accessory	AC Power Cord / DC Power Adaptor / Camera Mount / Handle	
Option	19" Rack Mountable Kit (4U/Dual Monitor/Single Monitor) / Carrying Case / Sun-Hood / ND Filter	

* Specifications may be changed without notice.



LVM-172W

Full-featured 17" display for non-critical broadcast and production monitoring

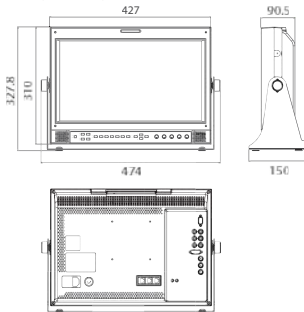
The LVM-172W is the economical counterpart to the LVM-173W and utilizes the same high quality LCD panel. The LVM-172W is an excellent choice for professionals looking for the ideal balance between performance and price. With advanced features like Audio Level Meters, CC decoding, and 1:1 pixel mapping, this unit still comes well equipped with many high-end professional features.

Product Highlight

- 1366x768 Resolution
- 900:1 Contrast Ratio
- 2 x HD/SD SDI inputs
- 1 x HD/SD through-out
- 1 x DVI-I input (W/HDCP)
- Analog Component/Composite/S-Video/RGB Inputs
- 1:1 pixel mapping modes for SD/HD
- Audio Disembedder & Speakers
- Optional 19" Rack Mount Kit available
- Supports TVLogic Color Calibration Utility for proper color alignment
- Matte Finish Panel or Optional ND filter
- Timecode Display
 - UMD
- Closed Caption : CEA-608/708 (SDI)
- Embedded Audio Level Meter (16ch)
- Highlight Focus Assist Function
- Waveform (SDI)
 - Vector Scope (SDI)

Main Body Dimensions (mm/inch)

- 427 x 310 x 90.5 (16.8 x 12.2 x 3.6)
- 474 x 327.8 x 150 (18.7 x 12.9 x 6) with stand
- Weight : 7.2 Kg / 15.87 lb



Specifications

Input	1 x DVI-I	DVI IN / VGA IN
	1 x HDMI	-
	3 x BNC	Analog Input
Output	2 x BNC	SDI A/B Channel Input
	1 x BNC	-
	3 x BNC	Analog Loop Through Output
Input Signal	2 x BNC	-
	1 x BNC	SDI A/B Selected Channel Output (Active Through-Out)
	Analog	Composite / S-Video / Component / RGB
Analog Input Spec	HD-SDI	1.485Gbps
	SD-SDI	270Mbps
	HDMI	-
	DVI-Analog	640x480/800x600/1024x768/1280x768/1280x1024/1366x768/720x400
SDI Input Signal Formats	DVI-Digital (Graphic)	640x480/800x600/1024x768/1280x768/1280x1024/1366x768/720x400
	DVI-Digital (Video)	1080p (24/25/30/50/60/1080) 1500/720p (50/60/480) 60i/576i (50/576i/50)
	Composite	1.0Vpp (With Sync)
	S-Video	1.0Vpp (Y With Sync), 0.286 Vpp (C)
Audio IN	Component	1.0Vpp (Y With Sync), 0.7Vpp (Pb,Pr)
	RGB	1.0Vpp (G With Sync), 0.7 Vpp (B,R)
	SMPT-E-274M	1080i (60 / 59.94 / 50)
Audio OUT	SMPT-E-296M	1080p (30 / 29.97 / 25 / 24 / 24sF / 23.98sF)
	SMPT-E-260M	720p (60 / 59.94 / 50)
	SMPT-E-125M	1035i (60 / 59.94)
	ITU-R BT.656	480i (59.94)
LCD	2K Format	2048 x 1080p (24/24sF/23.98/23.98sF)
	Size	17"
	Resolution	1366x768 (16:9)
	Dot Pitch	0.273x0.273 mm
	Color	16.7M (true), 24bit
	Viewing Angle (Typical)	H : 178 degrees V : 178 degrees
	Luminance of White	350cd (center)
	Contrast	900:1
	Display Area	372.9x209.6 mm
	Power	AC 100 - 240V / DC 12V / DC 24V
Power Consumption (Approx.)	60 Watts	
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)	
Storage Temperature	-20 °C to +60 °C (-4 °F to 140 °F)	
Accessory	AC Power Cord / NDF Screw	
Option	Carrying Case / V-Mount / 19" Rack Mountable Kit (7U) / ND Filter / Sun-Hood	

* Specifications may be changed without notice.



LVM-242W

24" Full HD display for non-critical broadcast monitoring applications

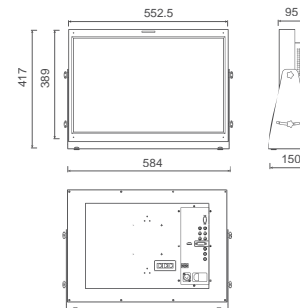
The LVM-242W is a native 1920x1080 resolution display with advanced features like CC Decoding, Audio Level Meters, Timecode Display, and compatibility with the TVLogic automatic alignment interface. Designed for non-critical viewing, the LVM-242W is an excellent and affordable solution for many broadcast and professional applications.

Product Highlight

- Native 1920x1080 LCD
- 800:1 Contrast Ratio
- 2 x HD/SD SDI inputs
- 1 x HD/SD through-out
- 1 x DVI-I input w/HDCP
- Analog Component/Composite/S-Video/RGB Inputs
- Audio Disembedder & Speakers
- Optional 19" Rack Mount Kit available (also VESA compatible)
- Supports TVLogic Color Calibration Utility for proper color alignment
- Matte Finish Panel or Optional ND filter
- Timecode Display
 - UMD
- Closed Caption : CEA-608/708 (SDI)
- Embedded Audio Level Meter (16ch)
- Waveform (SDI)
 - Vector Scope (SDI)
- Highlight Focus Assist Function

Main Body Dimensions (mm/inch)

- 552.5 x 389 x 95 (21.8 x 15.3 x 3.7)
- 584 x 417 x 150 (23 x 16.4 x 5.9) with stand
- Weight : 10.4 Kg / 22.92 lb



Specifications

Input	1 x DVI-I	DVI IN / VGA IN
	1 x HDMI	-
	3 x BNC	Analog Input
Output	2 x BNC	SDI A/B Channel Input
	1 x BNC	-
	3 x BNC	Analog Loop Through Output
Input Signal	2 x BNC	-
	1 x BNC	SDI A/B Selected Channel Output (Active Through-Out)
	Analog	Composite / S-Video / Component / RGB
	HD-SDI	1.485Gbps
Analog Input Spec	SD-SDI	270Mbps
	HDMI	-
	DVI-Analog	640x480/800x600/1024x768/1280x768/1280x1024/1366x768/720x400
	DVI-Digital (Graphic)	640x480/800x600/1024x768/1280x768/1280x1024/1366x768/720x400
SDI Input Signal Formats	DVI-Digital (Video)	1080p (60/59.94/50/1080) 1500/720p (50/60/480) 60i/576i (50/576i/50)
	Composite	1.0Vpp (With Sync)
	S-Video	1.0Vpp (Y With Sync), 0.286 Vpp (C)
	Component	1.0Vpp (Y With Sync), 0.7 Vpp (Pb,Pr)
Audio IN	RGB	1.0Vpp (G With Sync), 0.7 Vpp (B,R)
	SMPT-E-274M	1080i (60 / 59.94 / 50)
	SMPT-E-296M	1080p (30 / 29.97 / 25 / 24 / 24sF / 23.98sF)
Audio OUT	SMPT-E-260M	720p (60 / 59.94 / 50)
	SMPT-E-125M	1035i (60 / 59.94)
	ITU-R BT.656	480i (59.94)
	2K Format	2048 x 1080p (24/24sF/23.98/23.98sF)
LCD	Size	24"
	Resolution	1920x1200 (16:10)
	Dot Pitch	0.27 mm
	Color	16.7M (true), 24bit
	Viewing Angle (Typical)	H : 178 degrees V : 178 degrees
	Luminance of White	400cd (center)
	Contrast	1000:1
	Display Area	518x324 mm
	Power	AC 100 - 240V / DC 24V
	Power Consumption (Approx.)	112 Watts
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 / NDF Screw	
Option	Carrying Case / 19" Rack Mountable Kit / ND Filter	

* Specifications may be changed without notice.

LVM-173W (3G)

A Premium Monitoring Solution for Rack Mount, Desktop, or Field Use



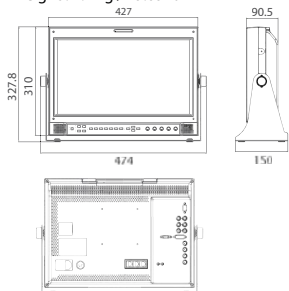
The LVM-173W is the higher end of TVLogic's two 17 inch monitoring solutions. This unit features a true 16:9 Aspect Ratio LCD panel with 12-bit video processing performance allowing for faithful reproduction of interlaced video and unparalleled scaling performance. True Multi-Format support and standard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

Product Highlight

- 1366x768 Resolution
- 900:1 Contrast Ratio
- 2 x HD/SD SDI inputs
- 2 x HD/SD through-out
- 1 x DVI-I input, 1 x HDMI input (W/HDCP)
- Analog Component/Composite/S-Video/RGB Inputs
- 1:1 pixel mapping modes for SD/HD
- Audio Disembedder & Speakers
- Optional 19" Rack Mount Kit available
- Supports TVLogic Color Calibration Utility for proper color alignment
- 3G/Dual-Link 4:4:4 and 1080p60 supported
- Matte Finish Panel or Optional ND filter
- Waveform • Vector Scope
- Timecode Display • UMD
- Closed Caption : CEA-608/708
- Embedded Audio Level Meter (16 ch)
- Highlight Focus Assist Function
- PBP Support

Main Body Dimensions (mm/inch)

- 427 x 310 x 90.5 (16.8 x 12.2 x 3.6)
- 474 x 327.8 x 150 (18.7 x 12.9 x 6) with stand
- Weight : 7.1 kg / 15.65 lb



Specifications

Input	1 x DVI-I 1 x HDMI 3 x BNC 2 x BNC	DVI IN / VGA IN HDMI Input Analog Input SDI A/B Channel Input
Output	3 x BNC 2 x BNC	Analog Loop Through Output SDI A/B Channel Output
Input Signal	Analog 3G-SDI HD-SDI SD-SDI HDMI DVI-Analog DVI-Digital (Graphic) DVI-Digital (Video)	Composite / S-Video / Component / RGB 2.970Gbps 1.485Gbps 270Mbps 720p / 1080i & VESA / IBM Modes 640x480/800x600/1024x768/1280x768/1024/1366x768/720x400 640x480/800x600/1024x768/1280x768/1024/720x400 1080p (24/25/30/50/60/1080) (50/60)/720p (50/60/480) (60/480) (60/576) (50/576p (50)
Analog Input Spec	Composite S-Video Component RGB	1.0Vpp (With Sync) 1.0Vpp (Y With Sync), 0.286 Vpp (C) 1.0Vpp (Y With Sync), 0.7 Vpp (Pb,Pr) 1.0Vpp (G With Sync), 0.7 Vpp (B,R)
SDI Input Signal Formats	SMPT-425M-A/B SMPT-274M SMPT-296M SMPT-372M** SMPT-260M SMPT-125M ITU-R BT656 2K Format	1080p (60/59.94/50/30/29.97/25/24/23.98/30sf/29.97sf/25sf/24sf/23.98sf) 1080i (60/59.94/50) 1080i (60 / 59.94 / 50) 1080p (30 / 29.97 / 25 / 24 / 24sf / 23.98 / 23.98sf) 720p (60 / 59.94 / 50) Dual HD-SDI YPbPr (4:2:2) 1080p (60 / 59.94 / 50) Dual HD-SDI YPbPr/RGB (4:4:4) 1080p (30 / 29.97 / 25 / 24 / 24sf / 23.98 / 23.98sf) 1035i (60 / 59.94) 480i (59.94) 576i (50) 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)	
LCD	Size Resolution Dot Pitch Color Viewing Angle (Typical) Luminance of White Contrast Display Area	17" 1366x768 (16:9) 0.273x0.273 mm 16.7M(true), 24bit H : 178 degrees V : 178 degrees 350cd (center) 900:1 372.9x209.6 mm
Power	AC 100 - 240V / DC 12V / DC 24V	
Power Consumption (Approx.)	60 Watts	
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)	
Storage Temperature	-20 °C to +60 °C (-4 °F to 140 °F)	
Accessory	AC Power Cord / NDF Screw	
Option	Carrying Case / V-Mount / 19" Rack Mountable Kit / Dual Link / ND Filter / Sun-Hood SMPT-372M mode is an option	

* Specifications may be changed without notice.

LVM-243W (3G)

The most comprehensive 24" 1080 native HD LCD display



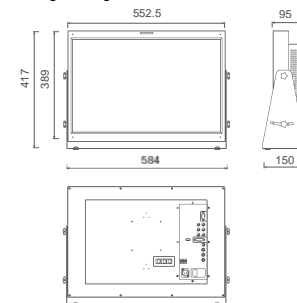
The LVM-243W is a 24" native 1080 display with Multi-format inputs including 3G/Dual-link HD-SDI, traceable color temperature, and broadcast monitor feature-sets including closed caption decoding, built-in Waveform and Vector displays, audio demuxing, on-screen audio level meters, and nine scan modes.

Product Highlight

- 1920x1080 Native HD Resolution
- 800:1 Contrast Ratio
- 2 x HD/SD SDI inputs
- 2 x HD/SD through-out
- 1 x DVI-I input, 1 x HDMI input (W/HDCP)
- Analog Component/Composite/S-Video/RGB Inputs
- 1:1 pixel mapping modes for SD/HD
- Audio Disembedder & Speakers
- Optional 19" Rack Mount Kit available (also VESA compatible)
- Supports TVLogic Color Calibration Utility for proper color alignment
- 3G/Dual-Link 4:4:4 and 1080p60 support
- Matte Finish Panel or Optional ND filter
- Waveform • Vector Scope
- Timecode Display • UMD
- Closed Caption : CEA-608/708
- Embedded Audio Level Meter (16 ch)
- Highlight Focus Assist Function
- PBP Support

Main Body Dimensions (mm/inch)

- 552.5 x 389 x 95 (21.8 x 15.3 x 3.7)
- 584 x 417 x 150 (23 x 16.4 x 5.9) with stand
- Weight : 11 kg / 24.2 lb



Specifications

Input	1 x DVI-I 1 x HDMI 3 x BNC 2 x BNC	DVI IN / VGA IN HDMI IN Analog Input SDI 2 Channel Input
Output	3 x BNC 2 x BNC	Analog Loop Through Output SDI A/B Channel Output
Input Signal	Analog 3G-SDI HD-SDI SD-SDI HDMI DVI-Analog DVI-Digital (Graphic) DVI-Digital (Video)	Composite / S-Video / Component / RGB 2.970Gbps 1.485Gbps 270Mbps 720p / 1080i & VESA / IBM Modes 640x480/800x600/1024x768/1280x768/1024/720x400 640x480/800x600/1024x768/1280x768/1024/720x400/1600x1200/1920x1200/1920x1080 1080p (60/59.94/50/30/29.97/25/24/23.98/30sf/29.97sf/25sf/24sf/23.98sf)
Analog Input Spec	Composite S-Video Component RGB	1.0Vpp (With Sync) 1.0Vpp (Y With Sync), 0.286 Vpp (C) 1.0Vpp (Y With Sync), 0.7 Vpp (Pb,Pr) 1.0Vpp (G With Sync), 0.7 Vpp (B,R)
SDI Input Signal Formats	SMPT-425M-A/B SMPT-274M SMPT-296M SMPT-372M** SMPT-260M SMPT-125M ITU-R BT656 2K Format	1080p (60/59.94/50/30/29.97/25/24/23.98/30sf/29.97sf/25sf/24sf/23.98sf) 1080i (60 / 59.94 / 50) 1080i (60 / 59.94 / 50) 1080p (30 / 29.97 / 25 / 24 / 24sf / 23.98 / 23.98sf) 720p (60 / 59.94 / 50) Dual HD-SDI YPbPr (4:2:2) 1080p (60 / 59.94 / 50) Dual HD-SDI YPbPr/RGB (4:4:4) 1080p (30 / 29.97 / 25 / 24 / 24sf / 23.98 / 23.98sf) 1035i (60 / 59.94) 480i (59.94) 576i (50) 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)	
LCD	Size Resolution Dot Pitch Color Viewing Angle (Typical) Luminance of White Contrast Display Area	24" 1920x1080 (16:10) 0.27 mm 16.7M(true), 24bit H : 178 degrees V : 178 degrees 400cd (center) 1000:1 518x324 mm
Power	AC 100 - 240V / DC 12V / DC 24V	
Power Consumption (Approx.)	112 Watts	
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 / NDF Screw	
Option	Carrying Case / V-Mount / 19" Rack Mountable Kit / Dual Link / ND Filter SMPT-372M mode is an option	

* Specifications may be changed without notice.

LVM-323W(3G)

32" Native 1920x1080 LCD



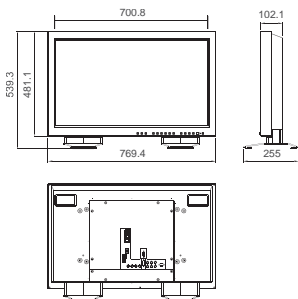
The LVM-323W utilizes a 32" 1920x1080 Native Resolution LCD panel. This model includes a wide range of input with 3G/Dual link 4:4:4 and TVLogic's industry-leading scaling technology. You've got the best 32" HD Multiformat monitor anywhere.

Product Highlight

- 1920x1080 Native LCD
- 1300:1 Contrast Ratio
- 2 x HD/SD SDI inputs
- 2 x HD/SD through-out
- 1 x DVI-I input
- 1 x HDMI input (W/ HDCP)
- Analog Component/Composite/S-Video/RGB Inputs
- Supports TVLogic Color Calibration Utility for proper color alignment
- 3G/Dual-Link 4:4:4 and 1080p60 support
- 1:1 Pixel Mapping Modes for SD/HD
- Matte Finish Panel
- Waveform • Vector Scope
- Timecode Display • UMD
- Closed Caption : CEA-608/708
- Dithered 10bit Color Support
- Embedded Audio Level Meter (16 ch)
- 1 x Ethernet input, 1 x USB input (Calibration port x 1)
- Wide Viewing Angle (178°)
- Highlight Focus Assist Function
- PBP Support

Main Body Dimensions (mm/inch)

- 769.4 x 481.1 x 102.1 (31.4 x 18.9 x 4)
- 769.4 x 539.3 x 255 (31.4 x 21.2 x 10) with stand
- Weight : 21.45 Kg / 47.3 lb



Specifications

Input	1 x DVI-I	DVI IN / VGA IN
	1 x HDMI	HDMI IN
	3 x BNC	Analog Input
Output	2 x BNC	SDI 2 Channel Input
	3 x BNC	Analog Loop Through Output
	2 x BNC	SDI A/B Channel Output
Input Signal	Analog	Composite / S-Video / Component / RGB
	3G-SDI	2.970Gbps
	HD-SDI	1.485Gbps
	SD-SDI	270Mbps
	HDMI	480i/480p/720p/1080i & VESA/IBM Modes
	DVI-Analog	640x480/800x600/1024x768/1280x768/1280x1024/720x400/1366x768
Analog Input Spec	Composite	1.0Vpp (With Sync)
	S-Video	1.0Vpp (Y With Sync), 0.286 Vpp (C)
	Component	1.0Vpp (Y With Sync), 0.7 Vpp (Pb/P)
SDI Input Formats	SMPT-425M-A/B	1080p (60/59.94/50/30/29.97/25/24/23.98/30sf/29.97sf/25sf/24sf/23.98sf) 1080i (60/59.94/50)
	SMPT-274M	1080p (30 / 29.97 / 25 / 24 / 24f / 23.98 / 23.98sf)
	SMPT-296M	720p (60 / 59.94 / 50)
	SMPT-372M**	Dual HD-SDI YPbPr (4:2:2) 1080p (60 / 59.94 / 50) Dual HD-SDI YPbPr/RGB (4:4:4) 1080p (60 / 59.94 / 50)
LCD	Size	32"
	Resolution	1920x1080 (16:9)
	Dot Pitch	0.36375 mm x 0.36375 mm
	Color	10-bit (D), 1.06 B colors
	Viewing Angle (Typical)	H: 178 degrees V: 178 degrees
	Luminance of White	500cd (center) Contrast 1300:1 Display Area 698.40x392.82 mm
Power	Power Consumption (Approx.) AC 100 - 240V 135-Watts	
Accessory	Operating Temperature	0°C to 35°C (32°F to 95°F)
	Storage Temperature	-20°C to +60°C (-4°F to 140°F)
	Option	AC Power Cord / Remote Controller Carrying Case / Dual Link / Wall Mount

*Specifications may be changed without notice.

LVM-403W(3G)

40" Native 1920x1080 LCD



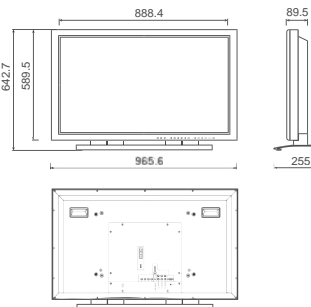
The LVM-403W features a 1080 native panel coupled with 3G/4:4:4 dual channel support and TVLogic's powerful scaling engine to give you the best picture quality for both HD and SD material. Additional features include automatic color alignment and HDCP decryption. It is an ideal solution for broadcast, post production, and QC applications.

Product Highlight

- 1920x1080 Native HD Resolution with High Contrast 5000:1
- 2 x HD/SD SDI inputs
- 2 x HD/SD through-out
- 1 x DVI-I input and 1 x HDMI input (W/HDCP)
- Analog Component/Composite/S-Video/RGB Inputs
- 1:1 Pixel Mapping Modes for SD/HD
- Supports TVLogic Color Calibration Utility for proper color alignment
- 3G/Dual-Link 4:4:4 and 1080p60 support
- Waveform • Vector Scope
- Timecode Display • UMD
- Closed Caption : CEA-608/708
- Embedded Audio Level Meter (16 ch)
- White Side LED Backlight with 120Hz LCD panel
- Highlight Focus Assist Function
- Low power consumption
- PBP Support

Main Body Dimensions (mm/inch)

- 965.6 x 589.5 x 89.5 (38 x 23.2 x 3.5)
- 965.6x642.7x255 (38x25.3x10) with stand
- Weight : 35 Kg / 77.2 lb



Specifications

Input	1 x DVI-I	DVI IN / VGA IN
	1 x HDMI	HDMI IN
	3 x BNC	Analog Input
Output	2 x BNC	SDI 2 Channel Input
	3 x BNC	Analog Loop Through Output
	2 x BNC	SDI A/B Channel Output
Input Signal	Analog	Composite / S-Video / Component / RGB
	3G-SDI	2.970Gbps
	HD-SDI	1.485Gbps
	SD-SDI	270Mbps
	HDMI	720p / 1080i & VESA / IBM Modes
	DVI-Analog	640x480/800x600/1024x768/1280x768/1280x1024/720x400
Analog Input Spec	Composite	1.0Vpp (With Sync)
	S-Video	1.0Vpp (Y With Sync), 0.286 Vpp (C)
	Component	1.0Vpp (Y With Sync), 0.7 Vpp (Pb/P)
SDI Input Formats	SMPT-425M-A/B	1080p (60/59.94/50/30/29.97/25/24/23.98/30sf/29.97sf/25sf/24sf/23.98sf) 1080i (60/59.94/50)
	SMPT-274M	1080p (30 / 29.97 / 25 / 24 / 24f / 23.98 / 23.98sf)
	SMPT-296M	720p (60 / 59.94 / 50)
	SMPT-372M**	Dual HD-SDI YPbPr (4:2:2) 1080p (60 / 59.94 / 50) Dual HD-SDI YPbPr/RGB (4:4:4) 1080p (30 / 29.97 / 25 / 24 / 24f / 23.98 / 23.98sf)
LCD	Size	40"
	Resolution	1920x1080 (16:9)
	Dot Pitch	0.461 mm
	Color	1.06 Billion, 10bit (FRC)
	Viewing Angle (Typical)	H: 178 degrees V: 178 degrees
	Luminance of White	450cd (center) Contrast 5000:1 Display Area 885.60x498.15 mm
Power	Power Consumption (Approx.) AC 100 - 240V 290-Watts	
Accessory	Operating Temperature	0°C to 40°C (32°F to 104°F)
	Storage Temperature	-20°C to +60°C (-4°F to 140°F)
	Option	AC Power Cord / Remote Controller Carrying Case / Wall Mount

*Specifications may be changed without notice.

Integrated multi-format HD Quad-input monitors LQM Series

Superior Picture Quality

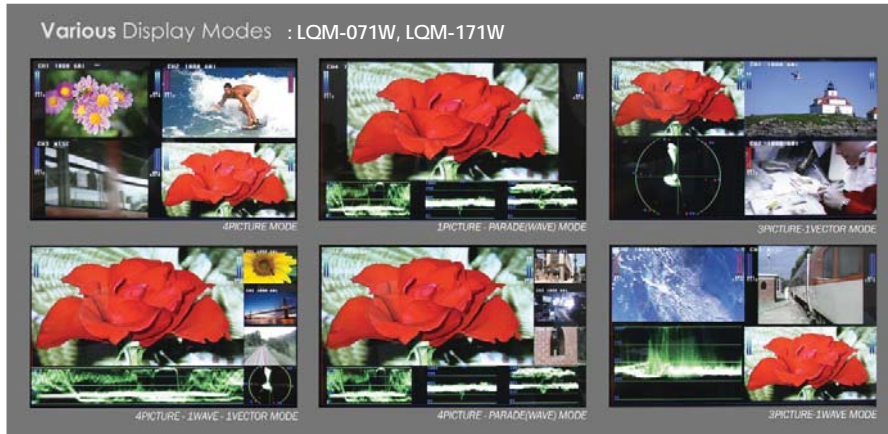
TVLogic prides itself on its industry leading video processing quality and first rate automatic alignment interface, which is compatible with the entire TVLogic LCD Monitor product line up including the LQM series.

Easy to control

The LQM Series can be remotely controlled and offers easy to use controls, making many common functions accessible from single button selects on the front of the monitor.

Integrated Quad Split Concept

The LQM Series displays eliminate the need for external Quad Split modules. And by utilizing high quality single byte LCD panels the LQM Series offers multiple signal monitoring without using smaller and inferior quality panels.



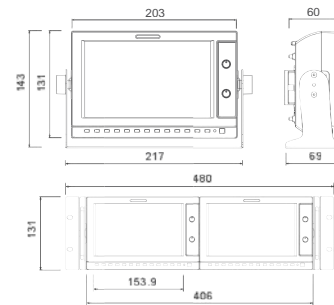
LQM-071W features 4 Inputs (BNC) that are autosensing Composite/SD-SDI/HD-SDI. Any combination of incoming sources can be viewed on-screen at once. The LQM-071W also features sophisticated Waveform/Vector Scope functionality and audio level meters for each incoming SDI source. The LQM-071W is rackmountable as a single or double monitor configuration and is equipped with one selectable switched output.

Product Highlight

- 800X480 resolution with LED backlight
- 4 auto detecting Composite/SD-SDI/HD-SDI Inputs
- 1 x HD/SD SDI Output (Selected input through-out)
- Precision Waveform & Vector Scope
- Audio Disembedder & Speaker Output
- Timecode Display & UMD display
- Closed Caption display
- User programmable Function keys
- Various display modes
 - 4 picture
 - 3 picture + 1 waveform/vector
 - 2 picture + 2 waveform/vector
 - 1 picture + 1 waveform/vector
 - 1 main picture + 3 sub picture...
- Optional 19" Rack Mount Kit available (single/dual)
- Support TVLogic Color Calibration Utility for proper color alignment

Main Body Dimensions (mm/inch)

- 203 x 131 x 60 (8.4 x 5.2 x 2.4)
- 217 x 143 x 69 (8.5 x 5.6 x 2.7) with stand
- weight : 1.35 Kg / 2.97 lb



Specifications

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	Composite
	HD-SDI	1.485Gbps
	SD-SDI	270Mbps
Analog Input Spec	Composite	1.0Vpp (With Sync)
SDI Input Signal Formats	SMPTE-274M	1080i (60 / 59.94 / 50)
		1080p (30 / 29.97 / 25 / 24 / 24.5f / 23.98 / 23.98f)
	SMPTE-296M	720p (60 / 59.94 / 50)
	SMPTE-260M	1035i (60 / 59.94)
	SMPTE-125M	480i (59.94)
	ITU-R BT.656	576i (50)
Analog Input Signal Formats		NTSC / PAL /PALM /PALN
Audio IN		Embedded Audio Analog stereo (Phone Jack)
Audio OUT		Analog stereo (Phone Jack) / Internal Speaker (Mono)
LCD	Size	7"
	Resolution	800 x 480 (15:9)
	Dot Pitch	0.190 mm
	Color	16.7M(true), 24bit
	Viewing Angle (Typical)	H: 130 degrees V: 110 degrees
	Luminance of White	350cd (Center)
	Contrast	400:1
Display Area	152 x 91 mm	
Power		12V DC 18 Watts
Power Consumption (Approx.)		18 Watts
Operating Temperature		-20 °C to 40 °C (-4 °F to 104 °F)
Storage Temperature		-30 °C to 50 °C (-22 °F to 122 °F)
Accessory		AC Power Cord / DC Power Adaptor / Camera Mount
Option		19" Rack Mountable Kit(3U/Dual Monitor/Single Monitor), Carrying Case / Sun-Hood / ND Filter

* Specifications may be changed without notice.



LQM-171W

Rackmountable 17" Quad-Split LCD With Interated Waveform/ Vector Scope functionality

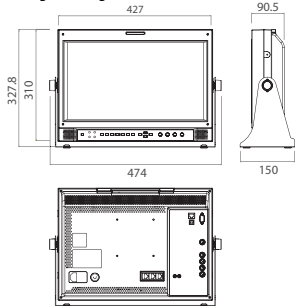
LQM-171W is a 17" LCD quad split monitor which can display 4 X HD/SD SDI or Analog composite input signals. It has various display modes with built in Waveform and Vector displays, Time code display, UMD, Closed Caption, Audio disembedder / speaker output, and it also can be auto color calibrated by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

Product Highlight

- 1366x768 resolution with High Contrast 900:1
- 4 x HD/SD SDI, Analog Composite auto-detect inputs
- 1 x HD/SD SDI Output (Selected input through-out)
- Precision Waveform & Vector scope
- Various display modes
 - 4 picture
 - 3 picture + 1 waveform/vector
 - 2 picture + 2 waveform/vector
 - 1 picture + 1 waveform/vector
 - 1 main picture + 3 sub picture ...
- Audio Disembedder & Speaker output
- Embedded audio level meter & Time code display
- UMD display & Closed Caption display
- Wide variety of marker & safety areas
- User programmable Function keys (F1, F2)
- Remote control function using RS422 & GPIO
- Remote control & update using Ethernet
- Optional 19" Rack Mount Kit available
- Support TVLogic Color Calibration Utility for proper color alignment

Main Body Dimensions (mm/inch)

- 427 x 310 x 90.5 (16.8 x 12.2 x 3.6)
- 474 x 327.8 x 150 (18.7 x 12.9 x 6) with stand
- Weight: 7.2 Kg / 15.87 lb



Specifications

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 A/B/C/D Channel Selected Output Analog Composite AD Converted Output
Input Signal	Analog	Composite
	HD-SDI	1.485Gbps
	SD-SDI	270Mbps
Analog Input Spec	Composite	1.0Vpp(With Sync)
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)
Analog Input Signal Formats	NTSC / PAL / PALM / PALN	
Audio IN	Embedded Audio Analog stereo (Phone Jack)	
Audio OUT	Analog stereo (Phone Jack)/Internal Speaker (Stereo)	
LCD	Size	17"
	Resolution	1366x768 (16:9)
	Dot Pitch	0.273x0.273 mm
	Color	16.7M (true), 24bit
	Viewing Angle (Typical)	H : 178 degrees V : 178 degrees
	Luminance of White	350cd (center)
	Contrast	900:1
	Display Area	372.9x209.6 mm
Power	AC 100 - 240V / DC 12V / 24V	
Power Consumption (Approx.)	60 Watts	
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)	
Storage Temperature	-20 °C to +60 °C (-4 °F to 140 °F)	
Accessory	AC Power Cord / NDF Screw	
Option	Carrying Case / V-Mount / 19" Rack Mountable Kit(7U) / ND Filter / Sun-Hood	

* Specifications may be changed without notice.



LQM-241W

24" 1080 Native HD LCD Quad Split display

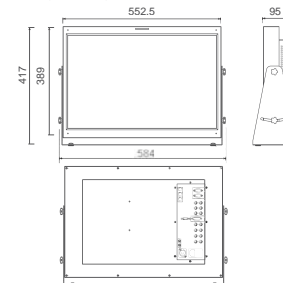
The LQM-241W is a high quality 24 inch Quad Split Monitor sharing a majority of the advanced functionality found in the LVM-243W. The LQM-241W supports 4 HD/SD-SDI inputs at a time in quad split mode and can also display any additional sources full screen or as one of the 4 Quad Split Windows. The LQM-241W also features 4 HD/SD-SDI outputs as well as hosting advanced Waveform and Vector Scope functions.

Product Highlight

- 1920x1080 Native HD resolution (panel resolution 1920x1200) with High Contrast 800:1
- 4 x HD/SD SDI inputs
- 1 x DVI-I input
- 1 x HDMI input (W/HDCP)
- Analog Component/Composite/S-Video/RGB Inputs
- Wide Viewing Angles (178°)
- Embedded Audio Level Meter (16 Ch)
- 1:1 pixel mapping modes for SD/720
- Audio Disembedder & Speakers
- Optional 19" Rack Mount Kit available (also VESA compatible)
- Supports TVLogic Color Calibration Utility for proper color alignment
- Matte Finish Panel or Optional ND filter
- Waveform - Vector Scope - Timecode Display - UMD
- Closed Caption : CEA-608/708
- Various display modes
 - 4 picture
 - 3 picture + 1 waveform/vector
 - 2 picture + 2 waveform/vector
 - 1 picture + 1 waveform/vector
 - 1 main picture + 3 sub picture...

Main Body Dimensions (mm/inch)

- 552.5 x 389 x 95 (21.8 x 15.3 x 3.7)
- 584 x 417 x 150 (23 x 16.4 x 5.9) with stand
- Weight : 11 Kg / 24.25 lb



Specifications

Input	1 x DVI-I	DVI IN / VGA IN
	3 x BNC	Analog Input
Output	4 x BNC	SDI A/B/C/D Channel Output (Active Through-Out)
	1 x HDMI	HDMI Input
Input Signal	Analog	Composite / S-Video / Component / RGB
	HD-SDI	1.485Gbps
	SD-SDI	270Mbps
	DVI	640x480/800x600/1024x768/1280x768/1280x1024/720x400/1600x1200/1920x1200
Analog Input Spec	DVI-Analog	640x480/800x600/1024x768/1280x768/1280x1024/720x400
	HDMI	480i/480p/720p/1080i & VESA/IBM Modes
	Component	1.0Vpp (Y With Sync), 0.7 Vpp (B,Pr)
SDI Input Signal Formats	Composite	1.0Vpp (With Sync)
	S-Video	1.0 Vpp (Y With Sync), 0.286 Vpp (C)
	Component	1.0 Vpp (Y With Sync), 0.7 Vpp (B,Pr)
	RGB	1.0 Vpp (G With Sync), 0.7 Vpp (B,R)
Audio IN	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 / 50)
	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)	
LCD	Size	24"
	Resolution	1920x1200 (16:10)
	Dot Pitch	0.27x0.27 mm
	Color	8 bit, 16,777,216 colors
	Viewing Angle (typical)	H : 178 degrees V : 178 degrees
	Luminance of White	400 cd/m2 (Center)
	Contrast	1000:1
	Display Area	518.4x324.0 mm
Power	AC 100 - 240V / DC 24V	
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 / NDF Screw	
Option	Carrying Case / 19" Rack Mountable Kit / ND Filter	

* Specifications may be changed without notice.

LHM Series DVI/HDMI LCD Monitors

The LHM series offer an economical solution for multi-viewer & Digital Information Display (DID) applications while providing the same great panel performance found in the LVM series monitors.

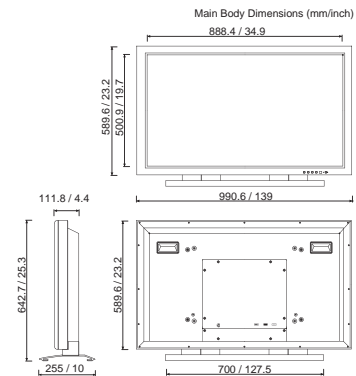
DVI/HDMI LCD Monitor LHM-400W

The best monitor for multi viewer system



PRODUCT HIGHLIGHTS

- 1920x1080 Native HD Resolution with High Contrast 1000 : 1
- 1 X D-SUB
- 1 X DVI
- 1 X HDMI
- 2 X RJ45 Jack (RS485)
- RGBHV, DVI, HDMI Input
- Video Mode, Graphic Mode Support
- Supports TVLogic Color Calibration Utility for proper color alignment
- Matte Finish Panel or Optional ND filter
- Optional HD-SDI Input

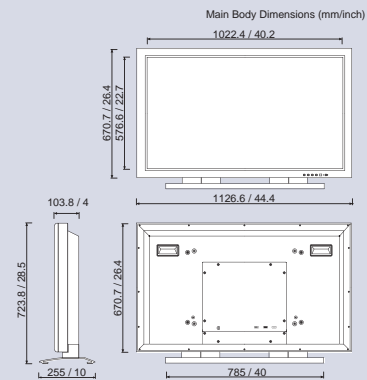


DVI/HDMI LCD Monitor LHM-460W

The highest monitoring solution

PRODUCT HIGHLIGHTS

- 1920x1080 Native HD Resolution with High Contrast 1000 : 1
- 1 X D-SUB
- 1 X DVI
- 1 X HDMI
- 2 X RJ45 Jack (RS485)
- RGBHV, DVI, HDMI Input
- Video Mode, Graphic Mode Support
- Supports TVLogic Color Calibration Utility for proper color alignment
- Matte Finish Panel or Optional ND filter
- Optional HD-SDI Input



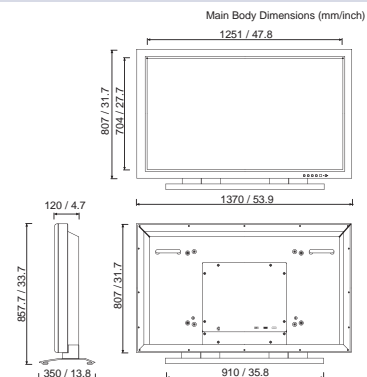
DVI/HDMI LCD Monitor LHM-570W

New standard of multi viewer system



PRODUCT HIGHLIGHTS

- 1920x1080 Native HD Resolution with High Contrast 1200 : 1
- 1 X D-SUB
- 1 X DVI
- 1 X HDMI
- 2 X RJ45 Jack (RS485)
- RGBHV, DVI, and HDMI Input
- Video Mode, Graphic Mode Support
- Supports TVLogic Color Calibration Utility for proper color alignment
- Matte Finish Panel or Optional ND filter
- Optional HD-SDI Input



PRM-902A

Dual 9" LCD 4RU Multi-Channel Rack Monitor



Featuring two 9" 800x480 CCFL backlit LCD panels with 90° tilt range, the 4RU PRM-902A provides front panel individual control of Brightness, Contrast, Chroma, SDI A/B select, Analog, Aspect select (16:9, 4:3), H/V Delay, Embedded audio level, Scan (Over, Zero, 1:1), Marker (user selectable), Blue/Mono, Waveform/Vectorscope, and the PRM full feature/setup menu. Inputs include two SDI with active loop through plus component analog, S-Video, RGB, three composite analog inputs, RJ11 remote control, and serial firmware upgrade port. Outputs include one SDI and one stereo mini audio out.

Product Highlight

- Multi-Format Support (480i, 576i, 720P, 1080i, 1080P, 1080Psf, 2K)
- 2x HD/SD-SDI inputs (Auto Detecting/Switching) with Active Loop Through
- Dual High Definition 9-inch (800x480) 16.7MegaPixel Wide Screen
- Varieties of Analog Input (Composite, S-Video, Y Pb Pr, RGB)
- 4RU of a standard EIA 19 inch rack
- Assignable Remote Control
- H/V Delay mode
- Analog Stereo Audio Out (Phone Jack)
- Internal Left & Right Speaker (2 x 1W)
- Blue Only & Monochrome
- Markers & Safety Areas including user defined Markers
- Source ID Function (User Defined in OSD Function)
- Embedded Audio Level Meter (8Ch)
- Timecode Display (VITC & LTC)
- Selectable Full & Small Size, WaveForm/Vector Scope (SDI only)

Main Body Dimensions (mm/inch)

- 480 x 176 x 63 (18.89 x 6.92 x 2.48)/4RU
- Weight : 4.1kg / 8.8 lb



Specifications

	Number of Screens	2
Input (1 Screen)	3 x BNC	3 Composite Inputs S-Video / RGB / Component
	2 x BNC	SDI 2 Channel Inputs
	1 x BNC	Composite Input
Output (1 Screen)	2 x BNC	SDI Channel / Composite Outputs
	1 x Phone Jack	Analog Stereo Audio Out
	2 x Speaker	2 x 1W
Input Signal	Analog	Composite (1.0Vpp with Sync) S-Video (1.0Vpp Ywith Sync, 0.288Vpp (c)) Component (1.0Vpp Ywith Sync, 0.7Vpp (Pb,Pr)) RGB (1.0Vpp Gwith Sync, 0.7Vpp (B,R))
	HD-SDI	1.485 Gbps
	SD-SDI	270 Mbps
SDI Input Signal Formats	SMPTE-274	1080i (60/59.94/50) 1080P (30/29.97/25/24/24sF/23.98/23.98sF)
	SMPTE-296M	720P (23.98/24/25/29.97/30/50/59.94/60)
	SMPTE-260M	1035i (60/59.94)
	SMPTE-125M	480i (59.94)
	ITU-R.BT.656	576i (50)
	2K Format	2048 x 1080 (23.98psf/24psf/23.98p/24p)
CVBS Input	NTSC (525 / 59.94), PAL (625/50), PAL-M (525 / 59.94)	
S-Video Input	NTSC (525 / 59.94), PAL (625/50), PAL-M (525 / 59.94)	
Component, RGB Input	480i (59.94), 576i (50), 480P (59.94), 576P (50)	
	1080i (60/59.94/50)	
	1080P (30/29.97/25/24/24sF/23.98/23.98sF)	
	720P (50/59.94/60)	
LCD	Size	9 inch / 196.8 (H) x 118.08 (V) mm
	Resolution	800 x 480 (15 : 9)
	Pixel Pitch	0.246 (H) x 0.246 (V) mm
	Color	16.7M (True), 24bit
	Viewing Angle	H : 160 degrees V : 140 degrees
	Luminance of White	600cd (center) Contrast 600 : 1
Power	12V DC, 3A	
Power Consumption (Approx)	36 Watts	
Operating Temperature	0°C to 40°C (32°F to 104°F)	
Storage Temperature	-30°C to 50°C (-22°F to 122°F)	
Optional Accessories	UMD Jender / DC Power Adapter	

* Specifications may be changed without notice.

PRM-702A

Dual 7" LCD 3RU Multi-Channel Rack Monitor



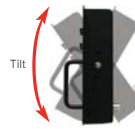
The PRM-702A features two 7" 800x480 with LED backlit LCD panels with 90° tilt range. The 3RU PRM-702A provides front panel individual control of Brightness, Contrast, Chroma, SDI A/B select, Analog, Aspect select (16:9, 4:3), H/V Delay, Embedded audio level, Scan (Over, Zero, 1:1), Marker (user selectable), Blue/Mono, Waveform/Vectorscope and the PRM full feature/setup menu. Inputs include two SDI with active loop through plus component analog, S-Video, RGB and three composite analog inputs, RJ11 remote control, and serial firmware upgrade port. Outputs include one SDI and one stereo mini audio out.

Product Highlight

- Multi-Format Support (480i, 576i, 720P, 1080i, 1080P, 1080Psf, 2K)
- 2x HD/SD-SDI inputs (Auto Detecting/Switching) with Active Loop Through
- Dual High Definition 7-inch(800x480) 16.7MegaPixel Wide Screen
- Varieties of Analog Input (Composite, S-Video, Y Pb Pr, RGB)
- 3RU of a standard EIA 19 inch rack
- Assignable Remote Control
- H/V Delay mode
- Analog Stereo Audio Out (Phone Jack)
- Internal Left & Right Speaker (2 x 1W)
- Blue Only & Monochrome
- Markers & Safety Areas including user defined Markers
- Source ID Function (User Defined in OSD Function)
- Embedded Audio Level Meter (8Ch)
- Timecode Display (VITC & LTC)
- Selectable Full & Small Size, WaveForm/Vector

Main Body Dimensions (mm/inch)

- 480 x 126 x 45 (18.89 x 4.96 x 1.78)/3RU
- Weight : 3.2kg / 7.05 lb



Specifications

	Number of Screens	2
Input (1 Screen)	3 x BNC	3 Composite Inputs S-Video / RGB / Component
	2 x BNC	SDI 2 Channel Inputs
	1 x BNC	Composite Input
Output (1 Screen)	2 x BNC	SDI Channel / Composite Outputs
	1 x Phone Jack	Analog Stereo Audio Out
	2 x Speaker	2 x 1W
Input Signal	Analog	Composite (1.0Vpp with Sync) S-Video (1.0Vpp Ywith Sync, 0.288Vpp (c)) Component (1.0Vpp Ywith Sync, 0.7Vpp (Pb,Pr)) RGB (1.0Vpp Gwith Sync, 0.7Vpp (B,R))
	HD-SDI	1.485 Gbps
	SD-SDI	270 Mbps
SDI Input Signal Formats	SMPTE-274	1080i (60/59.94/50) 1080P (30/29.97/25/24/24sF/23.98/23.98sF)
	SMPTE-296M	720P (23.98/24/25/29.97/30/50/59.94/60)
	SMPTE-260M	1035i (60/59.94)
	SMPTE-125M	480i (59.94)
	ITU-R.BT.656	576i (50)
	2K Format	2048 x 1080 (23.98psf/24psf/23.98p/24p)
CVBS Input	NTSC (525 / 59.94), PAL (625/50), PAL-M (525 / 59.94)	
S-Video Input	NTSC (525 / 59.94), PAL (625/50), PAL-M (525 / 59.94)	
Component, RGB Input	480i (59.94), 576i (50), 480P (59.94), 576P (50)	
	1080i (60/59.94/50)	
	1080P(30/29.97/25/24/24sF/23.98/23.98sF)	
	720P (50/59.94/60)	
LCD	Size	7 inch / 152.4 (H) x 91.44 (V) mm
	Resolution	800 x 480 (15 : 9)
	Pixel Pitch	0.1905 (H) x 0.1905 (V) mm
	Color	16.2M (True), 24bit
	Viewing Angle	H : 140 degrees V : 140 degrees
	Luminance of White	350cd (center) Contrast 700 : 1
Power	12V DC, 3A	
Power Consumption (Approx)	36 Watts	
Operating Temperature	-30°C to 80°C (-22°F to 176°F)	
Storage Temperature	-30°C to 85°C (-22°F to 185°F)	
Optional Accessories	UMD Jender / DC Power Adapter	

* Specifications may be changed without notice.

PRM-503A

Triple 5" LCD 2RU Multi-Channel Rack Monitor



Three 5" 800x480 LED backlit LCD panels with 90° tilt range are included in the PRM-503A. Input selection and full PRM series feature-set menu are accessed via the front panel. I/O includes two SDI in with one SDI loop out, one CVBS in, one CVBS loop out, RJ11 remote control, and serial firmware upgrade port.

Product Highlight

- Multi-Format Support (480i, 576i, 720P, 1080i, 1080P, 1080Psf, 2K)
- 3 High Resolution (800x480) 5-inch 16.7MegaPixel Wide Screens
- Small Footprint-occupies only 2RU of a standard EIA 19inch rack
- Assignable Remote Control
- H/V Delay
- Blue Only & Monochrome
- Wide Variety of Marker &
- Safety Area including user defined Marker
- HD/SD-SDI 2 Input & Active Loop Through
- SDI Input Format Auto Detect
- Composite Input & Loop Through
- Composite Input Format Auto Detect
- Source ID Function (User Defined in OSD Function)
- Embedded Audio Level Meter (8Ch)
- Timecode Display
- WaveForm/Vector Scope (Only SDI)
- WaveForm/Vector Scope Full Size, Small Size Select

Main Body Dimensions (mm/inch)

- 480 x 87 x 85 (18.89 x 3.42 x 3.34)/2RU
- Weight : 2.5kg / 5.5 lb



Specifications

Number of Screens	3	
Input (1 Screen)	2 x BNC	SDI 2 Channel Inputs
	1 x BNC	Composite Input
Output (1 Screen)	1 x BNC	SDI Channel (Active Through Out)
	1 x BNC	Composite Output (Internal Buffer Output)
Input Signal	Analog	Composite (1.0 Vpp with Sync)
	HD-SDI	1.485 Gbps
	SD-SDI	270 Mbps
SDI Input Signal Formats	SMPTE-274	1080i (60/59.94/50)
		1080P (30/29.97/25/24/24sF/23.98/23.98sF)
	SMPTE-296M	720P (23.98/24/25/29.97/30/50/59.94/60)
	SMPTE-260M	1035i (60/59.94)
	SMPTE-125M	480i (59.94)
	ITU-R_BT_656	576i (50)
CVBS Input	2K Format	2048 x 1080 (23.98psf/24psf/23.98p/24p)
	NTSC (525 / 59.94i), PAL (625/50i), PAL-M (525 / 59.94i)	
LCD	Size	5 inch / 108 (H) X 64.8 (V)mm
	Resolution	800 x 480 (15 : 9)
	Pixel Pitch	0.135 (H) x 0.135 (V) mm
	Color	16.7M (True), 24bit
	Viewing Angle	H : 170 degrees V : 170 degrees
	Luminance of White Contrast	300cd (center) 600 : 1
Power	12V DC. 2.4A	
Power Consumption (Approx.)	24 Watts	
Operating Temperature	0°C to 40°C (32°F to 104°F)	
Storage Temperature	-30°C to 50°C (-22°F to 122°F)	
Optional Accessories	UMD Jender / DC Power Adapter	

* Specifications may be changed without notice.

PRM-502LE

Dual 5" 2RU Multi-Channel Rack Monitor



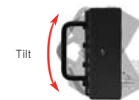
Two 5" 800x480 LED backlit LCD panels with 90° tilt range are included in the PRM-502A, which offers front panel individual control of Brightness, Contrast, Chroma, Aperture, SDI A/B select, Analog, User (assignable feature), and feature/setup menu. I/O includes two SDI with active loop through and one SDI out plus component analog, RGB, three composite analog inputs, and serial firmware upgrade port.

Product Highlight

- Multi-Format Support (480i, 576i, 720P, 1080i, 1080P, 1080Psf, 2K)
- High Definition 5-inch(800x480) 16.7MegaPixel Wide Screens
- H/V Delay
- Marker
- Blue Only & Monochrome
- HD/SD-SDI 2 Input & Active Loop Through
- SDI Input Format Auto Detect
- Variety of Analog Input (Composite,S-Video,YPbPr,RGB)
- Source ID Function
- LED BackLight Unit
- Wide Viewing Angle Technology (H : 170 degrees , V : 170 degrees)

Main Body Dimensions (mm/inch)

- 480 x 87 x 50 (18.89 x 3.42 x 1.96)/2RU
- Weight : 1.5kg / 3.3 lb



Specifications

Number of Screens	2	
Input	2 x BNC	SDI 2 Channel Inputs
	3 x BNC	3 Composite Inputs S-Video RGB Component
Output		SDI Channel (Active Through Out)
		Composite (1.0Vpp with Sync) S-Video (1.0Vpp Y with Sync, 0.286Vpp [C]) Component (1.0Vpp Y with Sync, 0.7Vpp [Pb,Pr]) RGB (1.0Vpp G with Sync, 0.7Vpp [B,R])
Input Signal	Analog	1.485Gbps
	HD-SDI	270Mbps
	SD-SDI	270Mbps
SDI Input Signal Formats	SMPTE-274	1080i (60/59.94/50)
		1080P (30/29.97/25/24/24sF/23.98/23.98sF)
	SMPTE-296M	720P (23.98/24/25/29.97/30/50/59.94/60)
	SMPTE-260M	1035i (60/59.94)
	SMPTE-125M	480i (59.94)
	ITU-R_BT_656	576i (50)
CVBS Input	2K Format	2048 x 1080 (23.98psf/24psf/23.98p/24p)
	NTSC (525/59.94i), PAL (625/50i), PAL-M (525 / 59.94i)	
S-Video Input		480i (59.94), 576i (50), 480P (59.94), 576P (50)
		1080i (60/59.94/50)
Component, RGB Input		1080P (30/29.97/25/24/24sF/23.98/23.98sF)
		720P (50/59.94/60)
LCD	Size	5 inch / 108 (H) X 64.8 (V)mm
	Resolution	800 x 480 (15 : 9)
	Pixel Pitch	0.135(H) x 0.135(V) mm
	Color	16.7M (True), 24bit
	Viewing Angle	H : 170 degrees / V : 170 degrees
	Luminance of White Contrast	.300cd (center) 600 : 1
Power	12V DC. 1.2A	
Power Consumption (Approx)	14 Watts	
Operating Temperature	0°C to 40°C (32°F to 104°F)	
Storage Temperature	-30°C to 50°C (-22°F to 122°F)	
Optional Accessories	UMD Jender / DC Power Adapter	

* Specifications may be changed without notice.

PRM-483A

Triple 4.8" LCD 2RU Multi-Channel Rack Monitor



Three 4.8" 800x480 LED backlit LCD panels with 24° tilt range are included in the PRM-483A. Input selection and full PRM series feature-set menu are accessed via the front panel. I/O includes two SDI in with one SDI loop out, one CVBS in, one CVBS loop out, RJ11 remote control, and serial firmware upgrade port.

Product Highlight

- Multi-Format Support (480i, 576i, 720P, 1080i, 1080P, 1080Psf, and 2K)
- 3 High Resolution (800x480) 4.8-inch 16.7MegaPixel Wide Screens
- Small Footprint-occupies only 2RU of a standard EIA 19inch rack
- Assignable Remote Control
- H/V Delay
- Blue Only & Monochrome
- Wide Variety of Marker & Safety Area including user defined Marker
- HD/SD-SDI 2 Input & Active Loop Through
- SDI Input Format Auto Detect
- Composite Input & Loop Through
- Composite Input Format Auto Detect
- Source ID Function (User Defined in OSD Function)
- Embedded Audio Level Meter (8Ch)
- Timecode Display
- WaveForm/Vector Scope (Only SDI)
- WaveForm/Vector Scope Full Size Select
- Small Size Select

Main Body Dimensions (mm/inch)

- 480 x 87 x 69 (18.89 x 3.42 x 2.74)/2RU
- Weight : 2.1kg / 4.62 lb



Specifications

Number of Screens		3
Input (1 Screen)	2 x BNC	SDI 2 Channel Input
	1 x BNC	Composite Input
Output (1 Screen)	1 x BNC	SDI Channel (Active Through Out)
	1 x BNC	Composite Output (Internal Buffer Output)
Input Signal	Analog	Composite (1.0Vpp with Sync)
	HD-SDI	1.485 Gbps
	SD-SDI	270 Mbps
SDI Input Signal Formats	SMPTE-274	1080i (60/59.94/50)
		1080P (30/29.97/25/24/24sF/23.98/23.98sF)
	SMPTE-296M	720P (23.98/24/25/29.97/30/50/59.94/60)
	SMPTE-260M	1035i (60/59.94)
	SMPTE-125M	480i (59.94)
	ITU-R.BT.656	576i (50)
2K Format	2048 x 1080 (23.98psf/24psf/23.98p/24p)	
CVBS Input		NTSC (525 / 59.94), PAL (625/50), PAL-M (525 / 59.94)
LCD	Size	4.8 inch / 103.8 (H) x 62.28 (V) mm
		Resolution
	Pixel Pitch	0.13 (H) x 0.13 (V) mm
	Color	16.7M (True), 24bit
	Viewing Angle	H : 130 degrees
		V : 110 degrees
Luminance of White	350cd (center)	
Contrast	300 : 1	
Power		12V DC. 2A
Power Consumption (Approx.)		24 Watts
Operating Temperature		0°C to 40°C (32°F to 104°F)
Storage Temperature		-30°C to 50°C (-22°F to 122°F)
Optional Accessories		UMD Jender / DC Power Adapter

* Specifications may be changed without notice.

PRM-434A

Quad 4.3" LCD 2RU Multi-Channel Rack Monitor



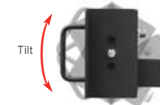
The compact PRM-434A packs four 4.3" 800x480 LED backlit LCD panels into a 2RU rack unit designed for SDI signal monitoring. The front panel allows selection of embedded audio level, Waveform/Vectorscope, and the PRM full feature/setup menu. I/O includes SDI in/out, serial tally port, and serial firmware upgrade port.

Product Highlights

- Multi-Format Support (480i, 576i, 720P, 1080i, 1080P, 1080Psf, and 2K)
- 3 High Resolution (800x480) 4.3-inch 16.7MegaPixel Wide Screens
- Small Footprint-occupies only 2RU of a standard EIA 19inch rack
- Remote Control (Tally control)
- H/V Delay
- Blue Only & Monochrome
- Wide Variety of Marker & Safety Area including user defined Marker
- HD/SD-SDI Input & Active Loop Through.
- SDI Input Format Auto Detect
- Source ID Function (User Defined in OSD Function)
- Embedded Audio Level Meter (8Ch)
- Timecode Display
- WaveForm/Vector Scope (Only SDI)
- WaveForm/Vector Scope Full Size Select
- Small Size Select

Main Body Dimensions (mm/inch)

- 480 x 87 x 80 (18.89 x 3.42 x 3.14)/2RU
- Weight : 2.5kg / 5.51 lb





Specifications


Number of Screens		4
Input(1 Screen)	1 x BNC	SDI Channel Input
	1 x BNC	SDI Channel (Active Through Out)
Output(1 Screen)	1 x BNC	SDI Channel (Active Through Out)
	1 x BNC	Composite Output (Internal Buffer Output)
Input Signal	HD-SDI	1.485Gbps
	SD-SDI	270Mbps
SDI Input Signal Formats	SMPTE-274	1080i (60/59.94/50)
		1080P (30/29.97/25/24/24sF/23.98/23.98sF)
	SMPTE-296M	720P (23.98/24/25/29.97/30/50/59.94/60)
	SMPTE-260M	1035i (60/59.94)
	SMPTE-125M	480i (59.94)
	ITU-R.BT.656	576i (50)
2K Format	2048 x 1080 (23.98psf/24psf/23.98p/24p)	
LCD	Size	4.3 inch / 93 x 55.8 mm
	Resolution	800 x 480 (15 : 9)
	Pixel Pitch	0.116 (H) x 0.116 (V) mm
	Color	16.7M (True), 24bit
	Viewing Angle	H : 130 degrees
		V : 110 degrees
Luminance of White	200cd (center)	
Contrast	300 : 1	
Power		12V DC. 2.2A
Power Consumption (Approx.)		28 Watts
Operating Temperature		0°C to 40°C (32°F to 104°F)
Storage Temperature		-30°C to 50°C (-22°F to 122°F)
Optional Accessories		UMD Jender / DC Power Adapter

* Specifications may be changed without notice.

Specifications

LEM(OLED) TDM(3D)			
		LEM-150 (OLED)	TDM-150W (3D)
Input	1 x DVI-I	DVI IN / VGA IN	-
	3 x BNC	Analog Input	-
	2 x BNC	SDI A/B Channel Input	
	1 x HDMI	HDMI Input	-
Output	2 x HDMI	-	SDI A/B Channel Input
	3 x BNC	Analog Output	-
Input Signal	2 x BNC	SDI A/B Channel (Active Through-Out)	
	Analog	Composite / S-Video / Component / RGB	-
	3G-SDI	2.970 Gb/s	-
	HD-SDI	1.485 Gbps	-
	SD-SDI	270Mbps	-
	DVI	VESA/IBM Modes	-
Analog Input Spec	HDMI	480i/480p/720p/1080i/1080p& VESA/IBM Modes	-
	Composite	1.0Vpp (With Sync)	-
	S-Video	1.0Vpp (Y With Sync), 0.286 Vpp (C)	-
	Component	1.0Vpp (Y With Sync), 0.7 Vpp (Pb, Pr)	-
SDI Input Signal Formats	RGB	1.0Vpp (G With Sync), 0.7 Vpp (B, R)	-
	SMPT-425M-A/B	1080p (60/59.94/50/30/29.97/25/24/23.98/30sf/29.97sf/25sf/23.98sf) 1080i (60/59.94/50)	-
	SMPT-372M	Dual HD-SDI YPbPr (4:2:2)	1080p (50 / 59.94 / 60)
		Dual HD-SDI YPbPr/RGB (4:4:4)	1080i (50 / 59.94 / 60) 1080p (psf (30 / 29.97 / 25 / 24 / 23.98))
	SMPT-274M	1080i (60 / 59.94 / 50) 1080p (30/29.97/25/24/24sf/23.98/23.98sf)	-
	SMPT-296M	720p (60/59.94/50)	-
	SMPT-260M	1035i (60/59.94)	-
	SMPT-125M	480i (59.94)	-
	ITU-R BT.656	576i (50)	-
	Audio IN	Embedded Audio / Analog stereo (Phone Jack)	
Audio OUT	Analog stereo (Phone Jack)		
LCD	Size	15"	
	Resolution	1366 x 768	
	Dot Pitch	0.081 (H) x 0.243 (V) mm	
	Color	16.7M (24bit, True)	
	Viewing Angle (Typical)	H: 180 degrees	
		V: 180 degrees	
	Luminance of White	200 cd / m ² (Center)	
	Contrast	100,000:1	
	Display Area	331.938 (H) x 186.624 (V) mm	
	Power	12VDC / AC100-240V	
Power Consumption (Approx.)	12 Watts (DC)	42 Watts (DC)	
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)		
Storage Temperature	-30 °C to 50 °C (-22 °F to 122 °F) / -20 °C to 50 °C (-4 °F to 140 °F)		
Accessory	AC Power Cord		
Option	19" Rack Mountable Kit 6U / Carrying Case / Sun-Hood / V-Mount		

* Specifications may be changed without notice.

LUM(4K)			
		LUM-560W (4K)	
Input	4 x DVI-D	DVI A/B/C/D Channel Input	
	4 x BNC	SDI A/B/C/D Channel Input	
	4 x HDMI	HDMI A/B/C/D Channel Input	
Output	4x BNC	SDI A/B /C/D Channel (Active Through Out)	
	3G-SDI	2.970Gb/s	
Input Signal	HD-SDI	1.485Gbps	
	SD-SDI	270Mbps	
	DVI	VESA/IBM Modes	
	HDMI	480i/480p/720p/1080i/1080p& VESA/IBM Modes	
SDI Input Signal Formats	SMPT-425M-A/B	1080p (60/59.94/50/30/29.97/25/24/23.98/30sf/29.97sf/25sf/23.98sf) 1080i (60/59.94/50)	
	SMPT-274M	1080i (60 / 59.94 / 50)	
	SMPT-296M	1080p (30/29.97/25/24/24sf/23.98/23.98sf)	
	SMPT-260M	1035i (60 / 59.94)	
	SMPT-125M	480i (59.94)	
ITU-R BT.656	576i (50)		
Audio IN	Embedded Audio / Analog stereo (Phone Jack)		
Audio OUT	Analog stereo (Phone Jack)		
LCD	Size	56.2"	
	Resolution	3840 x 2160	
	Dot Pitch	0.108 (H) x 0.324 (V) mm	
	Color	1G colors (10-bit)	
	Viewing Angle (Typical)	H: 176 degrees	
		V: 176 degrees	
	Luminance of White	450 cd / m ² (center)	
	Contrast	1500:1	
	Display Area	1244.16 (H) x 699.84 (V) mm	
	Power	AC100-240V	
Power Consumption (Approx.)	380 Watts (MAX)		
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)		
Storage Temperature	-20 °C to 55 °C (-4 °F to 131 °F)		
Accessory	AC Power cord		

* Specifications may be changed without notice.

LVM Series					
		LVM-071W	LVM-084	LVM-091W	LVM-173W
Input	1 x DVI-I	DVI IN / VGA IN	DVI IN / VGA IN		DVI IN / VGA IN
	1 x HDMI	-	-		HDMI Input
	3 x BNC	Analog Input	Analog Input		Analog Input
	2 x BNC	-	SDI A/B Channel Input		SDI A/B Channel Input
	1 x BNC	SDI 1 Channel Input	-		-
Output	3 x BNC	-	-		Analog Loop Through Output
	2 x BNC	-	-		SDI A/B Channel Output
	1 x BNC	SDI Channel Output (Active Through-Out)	SDI A/B Selected Channel Output (Active Through-Out)		-
Input Signal	Analog	Composite / S-Video / Component / RGB			-
	3G-SDI	-			2.970Gb/s
	HD-SDI	-			1.485Gbps
	SD-SDI	-			270Mbps
	HDMI	-			-
	DVI-Analog	640×480 / 800×600 / 1024×768 / 1280×1024 / 720×400			720p/1080i & VESA/IBM Modes 640×480 / 800×600 / 1024×768 / 1280×768 / 1280×1024 / 1366×768 / 1280×400
Analog Input Spec	DVI-Digital (Graphic)	640×480 / 800×600 / 1024×768 / 1280×768 / 1280×1024 / 720×400			
	DVI-Digital (Video)	1080p (24/25/30/50/60/1080i (50/60/480p (60/480p (60/576i (50/576p (50)			
SDI Input Signal Formats	Composite	1.0Vpp (With Sync)			
	S-Video	1.0Vpp (Y With Sync), 0.286 Vpp (C)			
	Component	1.0Vpp (Y With Sync), 0.7 Vpp (Pb, Pr)			
	RGB	1.0Vpp (G With Sync), 0.7 Vpp (B, R)			
LCD	SMPT-425M-A/B**	1080p (60 / 59.94 / 50)			
	SMPT-274M	1080p (30 / 29.97 / 25 / 24 / 24sf / 23.98 / 23.98sf)			
	SMPT-296M	720p (60 / 59.94 / 50)			
	SMPT-372M***	720p (60 / 59.94 / 50)			
	SMPT-260M	1035i (60 / 59.94)			
	SMPT-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	Embedded Audio	Embedded Audio	Embedded Audio
	Audio OUT	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)
Power	Internal Speaker (Mono)	Internal Speaker (Stereo)	Internal Speaker (Stereo)	Internal Speaker (Stereo)	
	Size	7"	8.4"	9"	17"
	Resolution	800 x 480 (15:9)	1024x768 (4:3)	800x480 (15:9)	1366x768 (16:9)
	Dot Pitch	0.190 mm	0.165 x 0.165 mm	0.246x0.246 mm	0.273x0.273 mm
	Color	16.7M (true), 24bit	16.7M (true), 24bit	16.7M (true), 24bit	16.7M (true), 24bit
	Viewing Angle (Typical)	H: 130 degrees	H: 170 degrees	H: 170 degrees	H: 178 degrees
		V: 110 degrees	V: 170 degrees	V: 170 degrees	V: 178 degrees
	Luminance of White	350cd (center)	400cd (center)	350cd (center)	350cd (center)
	Contrast	400:1	400:1	350:1	900:1
	Display Area	152 x 91 mm	170 x 128 mm	196.8 x 118.08 mm	372.9 x 209.6 mm
Power	12V DC	12V DC	12V/24V DC	AC100-240V / DC 12V/DC 24V	
Power Consumption (Approx.)	12 Watts (DC) (Max)	16 Watts (Max)	24 Watts (DC) (Max)	60 Watts (Max)	
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	-10 °C to 50 °C (14 °F to 122 °F)	0 °C to 40 °C (32 °F to 104 °F)	
Storage Temperature	-30 °C to 50 °C (-22 °F to 122 °F)	-10 °C to +50 °C (-14 °F to 122 °F)	-20 °C to 60 °C (-4 °F to 140 °F)	-20 °C to +60 °C (-4 °F to 140 °F)	
Main Body Dimensions (mm/inch)	203 x 131 x 60 (8.4 x 5.2 x 2.4)	215 x 177 x 59 (8.5 x 7 x 2.3)	223x175x70 (8.8x6.9x2.8)	427 x310x90.5 (16.8 x12.2 x 3.6)	
Main Body Dimensions (with stand)	217 x 143 x 69 (8.5 x 5.6 x 2.7)	245.8 x 202.6 x 80 (9.7 x 8 x 3.2)	260 x 194.2 x 100 (10.2 x 7.7 x 3.9)	474 x 327.8 x 150 (18.7 x 12.9 x 5.9)	
Weight	1.35kg / 2.97 lb	2.1 Kg / 4.6 lb	2.5Kg / 5.51 lb	7.1kg / 15.65 lb	
Accessory	AC Power Cord / DC Power Adaptor / Camera Mount	AC Power Cord / DC Power Adaptor / Camera Mount	AC Power Cord / DC Power Adaptor / Handle	AC Power Cord / NDF Screw	
Option	19" Rack Mountable Kit(3U)/Dual Monitor/Single-Monitor/Carrying Case/Sun-Hood/Acrylic Filter	19" Rack Mountable Kit(4U)/Dual Monitor/Single-Monitor/Carrying Case/Sun-Hood/ Acrylic Filter	19" Rack Mountable Kit(4U)/Dual Monitor/Single-Monitor/Carrying Case/Sun-Hood/ Acrylic Filter	Carrying Case/V-Mount/19" Rack Mountable Kit(TU) / Dual Link / ND Filter / Sun-Hood	

* Specifications may be changed without notice.

** SMPT-425M-A/B mode is an option: © 1080p (60/59.94/50/30/29.97/25/24/23.98/30sf/29.97sf/25sf/23.98sf) 1080i (60/59.94/50)

*** SMPT-372M mode is an option: © 1080p (60 / 59.94 / 50), 1080p (30 / 29.97 / 25 / 24 / 24sf / 23.98 / 23.98sf)



Specifications

LVM Series		Professional			
		LVM-243W	LVM-323W	LVM-172W	LVM-242W
Input	1 x DVI-I	DVI IN / VGA IN	DVI IN / VGA IN	DVI IN / VGA IN	DVI IN / VGA IN
	1 x HDMI	HDMI IN	HDMI IN	HDMI IN	HDMI IN
	3 x BNC	Analog Input	Analog Input	Analog Input	Analog Input
	2 x BNC	SDI 2 Channel Input	SDI 2 Channel Input	SDI A/B Channel Input	SDI A/B Channel Input
	3 x BNC	Analog Loop Through Output	Analog Loop Through Output	Analog Loop Through Output	Analog Loop Through Output
Output	2 x BNC	SDI A/B Channel Output	SDI A/B Channel Output	-	-
	1 x BNC	-	-	SDI A/B Selected Channel Output (Active Through-Out)	SDI A/B Selected Channel Output (Active Through-Out)
Input Signal	Analog	Composite / S-Video / Component / RGB			
	3G-SDI	2.970Gb/s			
	HD-SDI	1.485Gbps			
	SD-SDI	270Mbps			
	HDMI	720p/1080i & VESA/IBM Modes			
	DVI-Analog	640×480 / 800×600 / 1024×768 / 1280×768 / 1280×1024 / 720×400			
	DVI-Digital (Graphic)	640×480 / 800×600 / 1024×768 / 1280×768 / 1280×1024 / 720×400			
	DVI-Digital (Video)	1080p (24/25/30/50/60) / 1080i (50/60) / 720p (50/60) / 480i (60) / 480p (60) / 576i (50) / 576p (50)			
Analog Input Spec	Composite	1.0Vpp (With Sync)			
	S-Video	1.0Vpp (Y With Sync), 0.286 Vpp (C)			
	Component	1.0Vpp (Y With Sync), 0.7 Vpp (Pb,Pr)			
	RGB	1.0Vpp (G With Sync), 0.7 Vpp (B,R)			
SDI Input Signal Formats	SMPTTE-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)			
	SMPTTE-274M	1080i (60 / 59.94 / 50)			
		1080p (30 / 29.97 / 25 / 24 / 24sf / 23.98 / 23.98sf)			
	SMPTTE-296M	720p (60 / 59.94 / 50)			
	SMPTTE-372M**	Ⓞ Dual HD-SDI YPbPr (4:2:2)			
		Ⓞ Dual HD-SDI YPbPr/RGB (4:4:4)			
	SMPTTE-260M	1035i (60 / 59.94)			
	SMPTTE-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	Embedded Audio	Embedded Audio	Embedded Audio	
	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	
Audio OUT	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	
	Internal Speaker (Stereo)	Internal Speaker (Stereo)	Internal Speaker (Stereo)	Internal Speaker (Stereo)	
LCD	Size	24"	32"	17"	24"
	Resolution	1920×1200 (16:10)	1920×1080 (16:9)	1366×768(16:9)	1920×1200 (16:10)
	Dot Pitch	0.27 mm	0.36375 mm x 0.36375 mm	0.273x0.273 mm	0.27 mm
	Color	16.7M (true), 24bit	10 bit (D), 1.068 colors	16.7M (true), 24bit	16.7M (true), 24bit
	Viewing Angle (Typical)	H : 178 degrees V : 178 degrees	H : 178 degrees V : 178 degrees	H : 178 degrees V : 178 degrees	H : 178 degrees V : 178 degrees
	Luminance of White	400cd (center)	500cd (center)	350cd (center)	400cd (center)
	Contrast	1000:1	1300:1	900:1	1000:1
	Display Area	518×324 mm	698.40×392.82 mm	372.9×209.6 mm	518×324 mm
	Power	AC 100 - 240V / DC 24V	AC 100 - 240V	AC100-240V / DC 12V/DC 24 V	AC 100 - 240V / DC 24V
	Power Consumption (Approx.)	112 Watts (Max)	135 Watts (Max)	60 Watts (Max)	112 Watts (Max)
Operating Temperature	0°C to 35°C (32°F to 95°F)	0°C to 35°C (32°F to 95°F)	0°C to 40°C (32°F to 104°F)	0°C to 35°C (32°F to 95°F)	
Storage Temperature	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)	
Main Body Dimensions (mm/inch)	552.5x389 x 95 (21.8x15.3x3.7)	796.4x481.1x102.1 (31.35x18.94x4.01)	427 x310x80.5 (16.8x12.2x3.6)	552.5x389 x95 (21.8x15.3x3.7)	
Main Body Dimensions (with stand)	584 x417.150 (23x16.4x5.9)	796.4x539.3x255 (31.35x21.23x10.03)	474 x327.8 x150 (18.7x12.9x5.6)	584x417.150 (23x16.4x5.9)	
Weight	11Kg / 24.2 lb	21.45 Kg / 47.3 lb	7.0Kg / 15.4 lb	11Kg / 24.2 lb	
Accessory	AC Power Cord / NDF Screw	AC Power Cord / Remote Controller	AC Power Cord / NDF Screw	AC Power Cord / NDF Screw	
Option	Carrying Case / 19" Rack Mountable Kit / Dual Link / ND Filter	Carrying Case / Dual Link / Wall Mount	Carrying Case / V-Mount / 19" Rack Mountable Kit (7U) / ND Filter / Sun-Hood	Carrying Case / 19" Rack Mountable Kit / ND Filter	

* Specifications may be changed without notice.

** SMPTTE-372M mode is an option: Ⓞ 1080p (60 / 59.94 / 50)

Ⓞ 1080i (60 / 59.94 / 50), 1080p (30 / 29.97 / 25 / 24 / 24sf / 23.98 / 23.98sf)



LVM Series		Professional		
		LVM-403W	LVM-463W	LVM-553W
Input	1 x DVI-I	DVI IN / VGA IN		
	1 x HDMI	HDMI IN		
	3 x BNC	Analog Input		
	2 x BNC	SDI 2 Channel Input		
	1 x BNC	-		
Output	3 x BNC	Analog Loop Through Output		
	2 x BNC	SDI A/B Channel Output		
Input Signal	Analog	Composite / S-Video / Component / RGB		
	3G-SDI	2.970Gb/s		
	HD-SDI	1.485Gbps		
	SD-SDI	270Mbps		
	HDMI	720p/1080i & VESA/IBM Modes		
	DVI-Analog	640×480 / 800×600 / 1024×768 / 1280×768 / 1280×1024 / 720×400		
	DVI-Digital (Graphic)	640×480 / 800×600 / 1024×768 / 1280×768 / 1280×1024 / 720×400		
	DVI-Digital (Video)	1080p (60/59.94/50) / 1080i (60/59.94/50) / 720p (60/59.94/50) / 480i (59.94) / 480p (59.94) / 576i (50)		
Analog Input Spec	Composite	1.0Vpp (With Sync)		
	S-Video	1.0Vpp (Y With Sync), 0.286 Vpp (C)		
	Component	1.0Vpp (Y With Sync), 0.7 Vpp (Pb,Pr)		
	RGB	1.0Vpp (G With Sync), 0.7 Vpp (B,R)		
SDI Input Signal Formats	SMPTTE-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)		
	SMPTTE-274M	1080i (60 / 59.94 / 50)		
		1080p (30 / 29.97 / 25 / 24 / 24sf / 23.98 / 23.98sf)		
	SMPTTE-296M	720p (60 / 59.94 / 50)		
	SMPTTE-372M**	Ⓞ Dual HD-SDI YPbPr (4:2:2)		
		Ⓞ Dual HD-SDI YPbPr/RGB (4:4:4)		
	SMPTTE-260M	1035i (60 / 59.94)		
	SMPTTE-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	Embedded Audio	Embedded Audio	
	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	
Audio OUT	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	Analog stereo (Phone Jack)	
	Internal Speaker (Stereo)	Internal Speaker (Stereo)	Internal Speaker (Stereo)	
LCD	Size	40"	46"	55"
	Resolution	1920×1080 (16:9)	1920×1080 (16:9)	1920×1080 (16:9)
	Dot Pitch	0.461 mm	0.53 mm	0.651 mm
	Color	1.06 Billion, 10 bit (FRC)	1.06 Billion, 10 bit (FRC)	1.06 Billion, 10 bit (FRC)
	Viewing Angle (Typical)	H : 178 degree V : 178 degree	H : 178 degree V : 178 degree	H : 178 degree V : 178 degree
	Luminance of White	450 cd (Center)	450 cd (Center)	450 cd (Center)
	Contrast	5000 : 1	5000 : 1	5000 : 1
	Display Area	885.60x498.15 mm	1018x572 mm	1209.6x680.4 mm
	Power	AC 100 - 240 V	AC 100 - 240 V	AC 100 - 240 V
	Power Consumption (Approx.)	290 Watts (Max)	349 Watts (Max)	516 Watts (Max)
Operating Temperature	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)	
Storage Temperature	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)	
Main Body Dimensions (mm/inch)	965.6x589.5x89.5 (38x23.2x3.5)	1098.4x666x89.5 (43.2x26.2x3.5)	1289.5x775.7x89.5 (50.8x30.5x3.5)	
Main Body Dimensions (with stand)	965.6x642.7x255 (38x25.3x10)	1098.4x719.2x255 (43.2x28.3x10)	1289.5x828.9x255 (50.8x32.6x10)	
Weight	35Kg / 77.2 lb	42Kg / 92.6 lb	57Kg / 125.6 lb	
Accessory	AC Power Cord / Remote Controller	AC Power Cord / Remote Controller	AC Power Cord / Remote Controller	
Option	Carrying Case / Wall Mount	Carrying Case / Wall Mount	Carrying Case / Wall Mount	

* Specifications may be changed without notice.

** SMPTTE-372M mode is an option: Ⓞ 1080p (60 / 59.94 / 50)

Ⓞ 1080i (60 / 59.94 / 50), 1080p (30 / 29.97 / 25 / 24 / 24sf / 23.98 / 23.98sf)



NEW LVM LOM LHM LHM PRM

SPEC





ACCESSORIES

NEW LVM LOM LHM LHM PRM

SPEC

ACCESSORIES

Specifications

XVM Series		LQM Series		
				
XVM-245W		LQM-071W	LQM-171W	LQM-241W
Input	1 x DVI-I	DVI IN / VGA IN		
	3 x BNC	Analog Input		
	2 x BNC	SDI 2 Channel Input		
Output	1 x HDMI	HDMI Input		
	1 x BNC	EXT SYNC INPUT		
	3 x BNC	Analog Loop Through		
Input Signal	2 x BNC	SDI A/B Channel Output(Active Through-Out)		
	1 x BNC	EXT SYNC OUTPUT		
	Analog	Composite / S-Video / Component / RGB		
Analog Input Spec	3G-SDI	2.970Gbps		
	HD-SDI	1.485Gbps		
	SD-SDI	270Mbps		
SDI Input Signal Formats	DVI-Digital	640-480 / 800-600 / 1024-768 / 1280-768 / 1280-1024 / 1280-1024 / 1280-1024 / 1600-1200 / 1920-1200 / 1920-1080		
	DVI-Analog	640-480 / 800-600 / 1024-768 / 1280-768 / 1280-1024 / 1280-1024 / 1280-1024 / 1600-1200 / 1920-1200 / 1920-1080		
	HDMI	480i / 480p / 720p / 1080i / 1080p & VESA/IBM Modes		
SDI Input Signal Formats	Composite	1.0Vpp (With Sync)		
	S-Video	1.0Vpp (Y With Sync), 0.286Vpp(C)		
	Component	1.0Vpp (Y With Sync), 0.7Vpp (Pb,Pr), 0.7Vpp (G With Sync), 0.7Vpp (B,R)		
Audio IN	SMPT-E 425M -A/B	1080p (60/59.94/50), 20/29.97/25/24/23.98 / 30p/29.97s/25f/24f/23.98f, 1080i (60/59.94/50)		
	SMPT-E 274M	1080i (60/59.94/50)		
	SMPT-E 296M	1080p (30/29.97/25/24/24f/23.98/23.98f), 720p (60/59.94/50)		
Audio OUT	SMPT-E 372M	Dual HD-SDI YPbPr (4:2:2), 1080p (60 / 59.94 / 50)		
	SMPT-E 260M	Dual HD-SDI YPbPr/RGB (4:4:4), 1080p (60 / 59.94 / 50)		
	SMPT-E 125M	1080p (30 / 29.97 / 25 / 24 / 24f / 23.98 / 23.98f)		
Power	ITU-R BT.656	1035i (60/59.94)		
	2K Format	480i (59.94)		
	2K Format	576i (50)		
Operating Temperature	2K Format	2048x1080p (24/24f/23.98/23.98f)		
	Power Consumption	18W		
	Power Input	12V DC		
Storage Temperature	Operating Temperature	-20° to 40° (-4° to 104°)		
	Storage Temperature	-30° to 50° (-22° to 122°)		
	Main Body Dimensions (mm/inch)	203 x 131 x 60 (8.39 x 5.16 x 2.36)		
Weight	Main Body Dimensions (with stand)	427 x 310 x 90 (16.81 x 12.20 x 3.56)		
	Weight	1Kg/2.2lb		
	Accessory	AC Power Cord / DC Power Adaptor / Camera Mount		
Option	Accessory	AC Power Cord / NDF Screw		
	Option	19" Rack Mountable Kit(3U)/Dual Monitor/Single Monitor, Carrying Case / Sun-Hood / Acrylic Filter		
	Option	Carrying Case / V-Mount / 19" Rack Mountable Kit(7U) / ND Filter / Sun-Hood		
Option	Option	Carrying Case / 19" Rack Mountable Kit / ND Filter		

* Specifications may be changed without notice.

LHM Series		LHM-400W	LHM-460W	LHM-570W
Input	1 x DVI-I	DVI IN		
	1 x HDMI	HDMI IN		
	1 x D-Sub	RGBHV (VGA) IN		
Input Signal	1 x HD-SDI	HD-SDI IN (Option)		
	1 x 9Pin D-Sub	232 Port		
	2 x RJ45 (RS485)	RS485 Port		
Analog Input Spec	DVI	640x480 / 800x600 / 1024x768 / 1280 x 768 / 1280 x 1024 / 1360 x 768 / 1920 x 1080		
	HDMI	640x480 / 800x600 / 1024x768 / 1280 x 768 / 1280 x 1024 / 1360 x 768 / 1920 x 1080		
	D-Sub	640x480 / 800x600 / 1024x768 / 1280 x 768 / 1280 x 1024 / 1360 x 768 / 1920 x 1080		
LCD Control	Option	Option		
	5 Key (Menu, Up, Down, Enter, Power)	5 Key (Menu, Up, Down, Enter, Power)		
	IR Remocon (NEC Protocol)	IR Remocon (NEC Protocol)		
Remote	Standard Direct Cable (UTP Cable)	Standard Direct Cable (UTP Cable)		
	1 x RJ45 (Input), 1 x RJ45 (Output)	1 x RJ45 (Input), 1 x RJ45 (Output)		
	232 Program Update Port	232 Program Update Port		
DVI, VGA, HDMI Input Signal Formats	VESA Standard	VESA Standard		
	1920 x 1080 (60P)	1920 x 1080 (60P)		
	1920 x 1080 (60i) Only DVI, HDMI	1920 x 1080 (60i) Only DVI, HDMI		
LCD	Size	40"	46"	57"
	Resolution	1920 x 1080 (16:9)	1920 x 1080 (16:9)	1920 x 1080 (16:9)
	Dot Pitch	0.461 mm	0.53 mm	0.651 mm
Power	Color	16.7M (True), 24bit	16.7M (True), 24bit	16.7M (True), 24bit
	Viewing Angle (Typical)	H: 178 degree V: 178 degree	H: 178 degree V: 178 degree	H: 178 degree V: 178 degree
	Luminance of White	500 cd (Center)	500 cd (Center)	600 cd (Center)
Power Consumption (Approx.)	Contrast	3000 : 1	3000 : 1	1200 : 1
	Power Consumption (Approx.)	AC 100 ~ 240 V	AC 100 ~ 240 V	AC 100 ~ 240 V
	Operating Temperature	290 Watts	349 Watts	516 Watts
Storage Temperature	Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)
	Storage Temperature	-10 °C to +50 °C (14 °F to 122 °F)	-10 °C to +50 °C (14 °F to 122 °F)	-10 °C to +50 °C (14 °F to 122 °F)
	Main Body Dimensions (mm/inch)	990.6x670.7x103.8 (39.0x23.2x4.1)	1126.6x670.7x103.8 (44.4x26.4x4.1)	1370x807x120 (54.0x31.8x4.7)
Weight	Main Body Dimensions (with stand)	990.6x642.7x255 (39.0x25.3x10.0)	1126.6x723.8x255 (44.4x28.5x10.0)	1370x857.7x350 (54.0x33.8x13.8)
	Weight	35Kg / 77.2 lb	42Kg / 92.6 lb	57Kg / 125.6 lb
	Accessory	AC Power Cord / Remote Controller	AC Power Cord / Remote Controller	AC Power Cord / Remote Controller
Option	Option	Carrying Case / ND Filter / Wall Mount	Carrying Case / ND Filter / Wall Mount	Carrying Case / ND Filter / Wall Mount

* Specifications may be changed without notice.



Specifications

PRM Series		PRM-902A	PRM-702A	PRM-483A
Number of Screens		2	2	3
Input (1 Screen)	3 x BNC	3 Composite Inputs S-Video / RGB / Component		-
	2 x BNC	SDI 2 Channel Input		SDI 2 Channel Input
	1 x BNC	-		Composite Input
Output (1 Screen)	2 x BNC	SDI Channel / Composite Outputs		SDI Channel / Composite Output
	1 x Phone Jack	Analog Stereo Audio Out		-
	2 x Speaker	2 x 1W		-
Input Signal	Analog	Composite (1.0Vpp with Sync) S-Video (1.0Vpp Y with Sync, 0.268Vpp [c]) Component (1.0Vpp Y with Sync, 0.7Vpp [Pb,Pr]) RGB (1.0Vpp G with Sync, 0.7Vpp [B,R])		Composite (1.0Vpp with Sync)
	HD-SDI	1.485 Gbps		1.485 Gbps
	SD-SDI	270 Mbps		270 Mbps
SDI Input Signal Formats	SMPTE-274	1080i (60/59.94/50)		-
		1080P (30/29.97/25/24/24sF/23.98/23.98sF)		-
	SMPTE-296M	720P (23.98/24/25/29.97/30/50/59.94/60)		-
	SMPTE-260M	1035i (60/59.94)		-
	SMPTE-125M	480i (59.94)		-
	ITU-R.BT.656	576i (50)		-
	2K Format	2048 x 1080 (23.98psf/24psf/23.98p/24p)		-
CVBS Input	NTSC (525 / 59.94i), PAL (625/50i), PAL-M (525 / 59.94i)			-
S-Video Input	NTSC (525 / 59.94i), PAL (625/50i), PAL-M (525 / 59.94i)			-
Component, RGB Input		480i(59.94), 576i(50), 480P(59.94), 576P(50)		-
		1080i(60/59.94/50) 1080P(30/29.97/25/24/24sF/23.98/23.98sF) 720P(50/59.94/60)		-
LCD	Size	9 inch	7 inch	4.8 inch
	Resolution	800 x 480 (15 : 9)	800 x 480 (15 : 9)	800 x 480 (15 : 9)
	Pixel Pitch	0.246 (H) x 0.246 (V) mm	0.246 (H) x 0.246 (V) mm	0.13 (H) x 0.13 (V) mm
	Color	16.7M (True), 24bit	16.2M (True), 24bit	16.7M (True), 24bit
	Viewing Angle	H : 160 degrees V : 140 degrees	H : 140 degrees V : 140 degrees	H : 130 degrees V : 110 degrees
	Luminance of White	600cd (center)	600cd (center)	350cd (center)
	Contrast	600 : 1	600 : 1	300 : 1
Main Body Dimensions - mm (inch) RU	480 x 176 x 63 (18.89 x 6.92 x 2.48) 4RU	480 x 126 x 45 (18.89 x 4.96 x 1.78) 3RU	480 x 87 x 69 (18.89 x 3.42 x 2.74) 2RU	
Weight	4.1kg / 8.8 lb	3.2kg / 7.05 lb	2.1kg / 4.62 lb	
Power	12V DC, 3A	12V DC, 3A	12V DC, 2A	
Power Consumption (Approx)	36 Watts	36 Watts	24 Watts	
Operating Temperature	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)	
Storage Temperature	-30°C to 50°C (-22°F to 122°F)	-30°C to 50°C (-22°F to 122°F)	-30°C to 50°C (-22°F to 122°F)	
Optional Accessories		UMD Jender / DC Power Adapter		

* Specifications may be changed without notice.

PRM Series		PRM-503A	PRM-502LE	PRM-434A
Number of Screens		3	2	4
Input	2 x BNC	SDI 2 Channel Inputs	SDI 2 Channel Inputs	-
	1 x BNC	Composite Input	-	SDI Channel Input (1 Screen)
	3 x BNC	-	3 Composite Inputs S-Video RGB Component	-
Output	1 x BNC	SDI Channel (Active Through Out)	SDI Channel (Active Through Out)	SDI Channel (Active Through Out)
Input Signal	Analog	Composite (1.0Vpp with Sync)	Composite (1.0Vpp with Sync) S-Video (1.0Vpp Y with Sync, 0.288Vpp [C]) Component (1.0Vpp Y with Sync, 0.7Vpp [Pb,Pr]) RGB (1.0Vpp G with Sync, 0.7Vpp [B,R])	-
	HD-SDI	1.485 Gbps		-
	SD-SDI	270 Mbps		-
SDI Input Signal Formats	SMPTE-274	1080i (60/59.94/50)		-
		1080P (30/29.97/25/24/24sF/23.98/23.98sF)		-
	SMPTE-296M	720P (23.98/24/25/29.97/30/50/59.94/60)		-
	SMPTE-260M	1035i (60/59.94)		-
	SMPTE-125M	480i (59.94)		-
	ITU-R.BT.656	576i (50)		-
	2K Format	2048 x 1080 (23.98psf/24psf/23.98p/24p)		-
CVBS Input	NTSC (525 / 59.94i), PAL (625/50i), PAL-M (525 / 59.94i)			-
S-Video Input	NTSC (525 / 59.94i), PAL (625/50i), PAL-M (525 / 59.94i)			-
Component, RGB Input		480i(59.94), 576i(50), 480P(59.94), 576P(50)		-
		1080i(60/59.94/50) 1080P(30/29.97/25/24/24sF/23.98/23.98sF) 720P(50/59.94/60)		-
LCD	Size	5 inch	5 inch	4.3 inch
	Resolution	800 x 480 (15 : 9)	800 x 480 (15 : 9)	800 x 480 (15 : 9)
	Pixel Pitch	0.135 (H) x 0.135 (V) mm	0.135 (H) x 0.135 (V) mm	0.116 (H) x 0.116 (V) mm
	Color	16.7M (True), 24bit	16.7M (True), 24bit	16.7 (True), 24bit
	Viewing Angle	H : 170 degrees / V : 170 degrees	H : 170 degrees / V : 170 degrees	H : 130 degrees / V : 110 degrees
	Luminance of White	300cd (center)	300cd (center)	200cd (center)
	Contrast	600 : 1	600 : 1	300 : 1
Main Body Dimensions - mm (inch) RU	480 x 87 x 85 (18.89 x 3.42 x 3.34) 2RU	480 x 87 x 50 (18.89 x 3.42 x 1.96) 2RU	480 x 87 x 80 (18.89 x 3.42 x 3.14) 2RU	
Weight	2.5kg / 5.5 lb	1.5kg / 3.3 lb	2.5kg / 5.51 lb	
Power	12V DC, 2.4A	12V DC, 1.2A	12V DC, 2.2A	
Power Consumption (Approx)	24 Watts	14 Watts	28 Watts	
Operating Temperature	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)	
Storage Temperature	-30°C to 50°C (-22°F to 122°F)	-30°C to 50°C (-22°F to 122°F)	-30°C to 50°C (-22°F to 122°F)	
Optional Accessories		UMD Jender / DC Power Adapter		

* Specifications may be changed without notice.

Optional Accessories



ND Filter 7" 8.4" 9"



External Filter 7" 9"



Rack-Mountable Kit 7" 8.4" 9" 15" 17" 24"



Tripod Head 7" 8.4" 9"



V-Mount 15" 17" 8.4"



Hood 7" 8" 15" 17"



Carrying Case 7" 8.4" 9" 15" 17" 24" 38" 40" 46" 55"

Rack Mount any display up to 24

- 7" & 9" monitors are rack mountable in both single and double (side-by-side) configurations.
- 15" and 17" units are easily rack mounted inside a rack with simple rack ears available as an option.

- 24" models come with a desktop stand standard and Rack Mount Kit as an option. Half of the unit mounts inside the rack to hide all connections leaving a clean looking bezel (sticking out appx. 2") outside the rack that is only 21.7" and wide.

These units can be placed side by side in most standard racks (typically measuring 22" or more outside to outside). TVLogic monitors are also equipped with VESA mounting holes for added flexibility with respect to mounting options.



7 inch



8.4 inch



9 inch



15 inch



17 inch



24 inch

