HD/SD Multi-Format LCD Monitors

LVM-247W *Coming Soon!!*

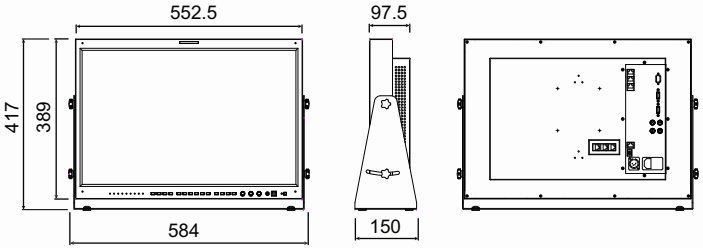
TVLogic® Always ON-AIR

The Most Comprehensive 24" 1920 x 1080 Native HD LCD Display

The LVM-247W is a 24" native 1920 x 1080 display with Multi-Format inputs including 3G/Dual-Link HD-SDI, CC decoding, built-in Waveform and Vector Scope, Audio Demuxing, On-screen Audio Level Meter and various Scan modes.

Main body Dimensions

- **Main Body** : 552.5 x 389 x 97.5 (mm) / 21.75 x 15.31 x 3.83 (inch)
- **with stand** : 584 x 417 x 150 (mm) / 23.00 x 16.41 x 5.90 (inch)
- **weight** : 10.4kg / 22.92lbs



Product Highlights

- **24" 1920 x 1080 Native HD Resolution**
- Matte Finish Panel
- Supports TVLogic Color Calibration Utility for proper color alignment
- Firmware update using Ethernet or USB
- GPI (RJ45)
- Waveform/Vectorscope (Y/ Cb/Cr, RGB, Wide Type, Line Waveform)
- Range Error
- Marker
- User Aspect
- Blue Only/Mono
- X3 ZOOM (PBP)
- Key lock
- Selectable 3 function keys
- H/V Delay
- Timecode Display
- UMD support (ANC, Manual, Dynamic, User)
- Closed Caption: CEA- 608/708, OP-47
- Monitor control by using RS422/ Ethernet
- Color Space : Rec.709(ITU-R BT.709), SMPTE-C, EBU

Optional Accessories

LCD		
Size	24"	
Resolution	1920 x 1200 (16 : 10)	
Pixel Pitch	0.270mm	
Color Depth	1.06 Bil. (Dithered 10bit)	
Viewing Angle (Typ.)	178°(H) / 178°(V)	
Luminance (Max.)	400cd/m² (center)	
Contrast Ratio	1000:1	
Display Area	518(H) x 324(V) mm	
Input		
1 x DVI-I	Analog & Digital RGB	
1 x HDMI	HDMI Video Input	
3 x BNC	Analog Input	
2 x BNC	SDI A/B Channel Input	
Output		
3 x BNC	Analog (Passive Loop Through)	
2 x BNC	SDI A/B Channel Output (Active Loop Through)	
Input Signal		
Analog	CVBS / S-Video / Component Video / RGB	
3G-SDI	2.970Gbps	
HD-SDI	1.485Gbps	
SD-SDI	270Mbps	
HDMI	480i/480p/720p/1080i/640x480/720x400/800x600/1024x768/1280x1024/1600x1200/1920x1200	
DVI-Analog	640x480/720x400/800x600/1024x768/1280x1024/1600x1200/1920x1200	
DVI-Digital(Graphic)	640x480/720x400/800x600/1024x768/1280x1024/1366x768/1600x1200/1920x1200	
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		
CVBS	1.0Vpp (With Sync)	
S-Video	1.0Vpp (Y With Sync),0.286Vpp (C)	
Component Video	1.0Vpp (Y With Sync), 0.7Vpp (Pb,Pr)	
RGB	1.0Vpp (G With Sync), 0.7Vpp (B,R)	
SDI Input Signal Formats		
SMPTE-425M-A/B	1080p (60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF) / 1080i (60/59.94/50)	
SMPTE-372M (Dual Link)	Dual HD-SDI YPbPr(4:2:2)	1080p (60/59.94/50)
	Dual HD-SDI YPbPr/RGB(4:4:4)	1080i (60/59.94/50)
		1080p (30/29.97/25/24/24sF/23.98/23.98sF)
SMPTE-274M	1080i (60 / 59.94 / 50)	
	1080p (30/29.97/25/24/24sF/23.98/23.98sF)	
SMPTE-296M	720p (60/59.94/50)	
SMPTE-260M	1035i (60/59.94)	
SMPTE-125M	480i (59.94)	
ITU-R BT.656	576i (50)	
2K Format	2048 x 1080p (24/24sF/23.98/23.98sF)	
Audio IN	Embedded Audio / Analog stereo (Phone Jack)	
Audio OUT	Analog stereo (Phone Jack) / Internal Speaker (Stereo)	
Power	DC 24V (1.8A) / AC 100~240V (50~60Hz)	
Power Consumption (Approx.)	73Watts (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	

* Specifications may be changed without notice.