

16.5" FHD High-end LCD Monitor

LVM-171S



The new LVM-171S is our top QC-Grade 17" model with a 16.5 inch IPS LCD panel with 1920x1080 native resolution, wide-gamut reproduction (up to DCI-P3), enhanced contrast ratio and wide viewing angle all unmatched by other LCD monitors. A completely redesigned video processing unit provides powerful dual-channel performance and artifact-free image reproduction. Support for various cinema camera log-to-linear LUTs, easy field upgradability and a full array of image processing features are standard.

FRONT



- Power On/Off
- Source
- Scan
- Aspect
- Marker
- Function (F1~3)
- Menu / Exit
- Enter



- USB
- AUDIO PHONE JACK
- INTERNAL SPEAKER

REAR



- Input
 - 1 x DVI-I
 - 3 x BNC (Analog)
 - 2 x BNC (SDI A/B Ch.)
 - 1 x HDMI
 - 1 x BNC (Ext Sync.)
- Output
 - 3 x BNC (Analog)
 - 2 x BNC (SDI A/B Ch.)
 - 1 x BNC (Ext Sync.)

FEATURES

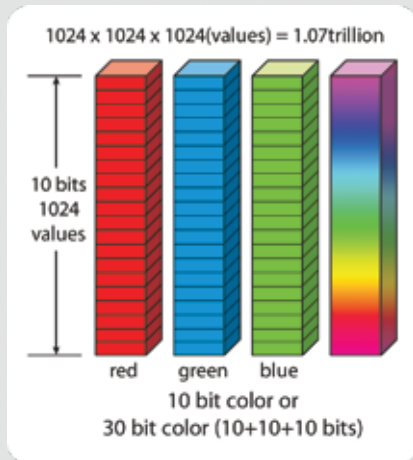
- 16.5" Full HD Resolution (1920x1080)
- 1.07B Colors (10bit)
- Luminance up to 450cd/m²
- Contrast Ratio of 1,400:1
- Matte Finish Panel
- 1:1 Pixel Mapping Modes for HD
- 3D LUT import/export by USB Stick
- Closed Caption (OP42/47, CC-608/708, CC-KOR)
- Waveform / Vector Scope (Advanced)
- x 3 Zoom PBP (Picture by Picture)
- LKFS (Loudness check) / Audio Level Meter
- Observer (Network) control by Ethernet
- Auto Calibration by USB port
- TVLogic Color Calibration Utility
- Blue Only / Mono
- H/V Delay
- Key Lock
- Marker
- Fast Mode
- Range Error
- Time Code Display
- UMD
- User Aspect
- Various Scan Modes

Size	16.5"
Resolution	1920x1080(16:9)
Pixel Pitch	0.1905mm
Color Depth	1.07B
Viewing Angle (Typ.)	178°(H)/178°(V)
Luminance (Max.)	450cd/m ²
Contrast Ratio	1400:1
Display Area	366(H)x206(V)mm

Main body Dimensions

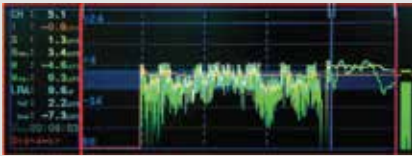
- Main Body : 445 x 264 x 78.4 (mm)
17.52 x 10.39 x 3.09 (inch)
- With stand : 492.2 x 289 x 137.5 (mm)
19.38 x 11.38 x 5.41 (inch)

Expanded Color Depth (10bit)



Loudness (LKFS) Level Meter

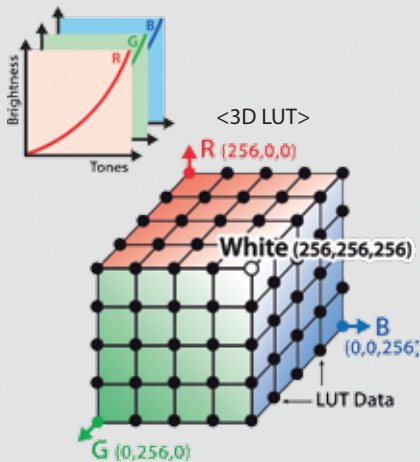
- The purpose of loudness control in program exchange is to enable normalization(uniformity) of audio levels for different sources and program types.



3D LUT

- 3D LUT for Accurate Color Reproduction
- 3rd Party 3D LUT Import / Export

<Standard LUT>



PBP (Picture by Picture)

The PBP function displays left/right images side by side simultaneously. This feature helps to monitor and control left and right images separately at the same time.

<PBP Function 1>



LVM-171S		
Input		
1 x DVI-I	DVI Input	
1 x HDMI	HDMI Input	
3 x BNC	Analog Input	
2 x BNC	SDI A/B Channel Input	
1 x BNC	External Sync. Input	
Output		
3 x BNC	Analog(Loop Through Out)	
2 x BNC	SDI A/B Channel Input(Loop Through Out)	
1 x BNC	External Sync. Output	
Input Signal		
Analog	CVBS / S-Video / Component	
3G-SDI	2.970Gb/s	
HD-SDI	1.485Gb/s	
SD-SDI	270Mb/s	
DVI-Analog	640×480/720×400/800×600/1024×768/1280×1024/1600×1200/1920×1080	
DVI-D (PC mode)	640×480/720×400/800×600/1024×768/1280×1024/1600×1200/1920×1080/1920×1200	
DVI-D (HDMI mode)	1080p(60/50/30/25/24)/1080i(60/50)/720p(60/50)/480i(60)/480p(60)/576i(50)/576p(50)	
HDMI	480i/480p/576i/576p/720p/1080i/1080p/640×480/720×400/800×600/1024×768/1280×1024/1600×1200	
Analog Input Spec		
CVBS	1.0Vpp (With Sync) NTSC. PAL	
S-Video	1.0Vpp (Y with Sync), 0.286/300Vpp(C)	
Component Video	1.0Vpp (Y With Sync), 0.7Vpp(Pb,Pr)	
SDI Input Signal Formats		
SMPTE-425M-A/B	1080p (60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)	
SMPTE-372M (Dual Link)	Dual HD-SDI YCbCr(4:2:2)	1080p (60/59.94/50)
	Dual HD-SDI YCbCr/RGB(4:4:4)	1080i (60/59.94/50) 1080p/psF(30/29.97/25/24/23.98)
SMPTE-274M	1080i(60/59.94/50) 1080p(30/29.97/25/24/24sF/23.98/23.8sF)	
SMPTE-296M	720p(60/59.94/50)	
SMPTE-260M	1035i(60/59.94)	
SMPTE-125M	480i(59.94)	
ITU-R BT.656	576i(50)	
2K Format	2048×1080p(24/24sF/23.98/23.98sF)	
Audio IN	Embedded Audio / Analog stereo (Phone Jack)	
Audio OUT	Internal Speaker(Stereo) / Analog stereo (Phone Jack)	
Power	DC 12V / AC 100~240V(50~60Hz)	
Power Consumption (Approx.)	TBD	
Operating Temperature	0°C to 45°C(32°F to 113°F)	
Storage Temperature	-20°C to 60°C(-4°F to 140°F)	
Accessory	AC Power Cord / Stand	

Optional Accessories

