

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

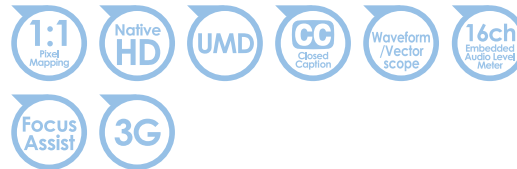
LVM-246W

Multi Format



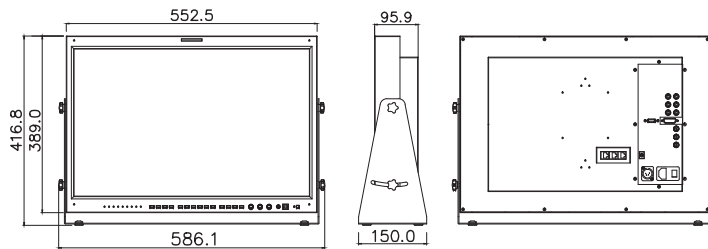
24" Full HD Display For Non-Critical Broadcast Monitoring Applications

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



Main body Dimensions

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



LCD

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

Product Highlights

- 24" 1920 x 1200 Native HD Resolution
- 3G-SDI Level A/B
- Audio Level Meter Display
- Blue Only
- Focus Assist
- H/V Delay
- Key lock
- Luma('Y') Zone Check
- Marker
- Mono
- Range Error
- Time Code Display
- UMD
- User Aspect
- Various Scan modes
- Waveform/Vectorscope
- Zoom
- CC-608 ANC
- CC-608 LINE 21
- CC-708
- TVLogic Color Calibration Utility

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

| Output | |
|---------|---|
| 3 x BNC | Analog (Passive Loop Through) |
| 1 x BNC | SDI A/B Selected Channel Output (Active Loop Through) |

| Input Signal | |
|-------------------|---|
| Analog | CVBS / S-Video / Component / RGB(D-TV) |
| 3G-SDI | 2.970Gbps |
| HD-SDI | 1.485Gbps |
| SD-SDI | 270Mbps |
| HDMI | 480i/480p/576i/576p/720p/1080i/1080p/640x480/720x400/800x600/1024x768/1280x1024/1600x1200/1920x1200 |
| DVI-Analog | 640x480/720x400/800x600/1024x768/1280x768/1280x1024/1366x768 |
| DVI-D (PC mode) | 640x480/720x400/800x600/1024x768/1280x768/1280x1024 |
| DVI-D (HDMI mode) | 1080p (24/25/30/50/60)/1080i(50/60)/720p(50/60)/480i(60)/480p(60)/576i(50)/576p(50) |

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

| SDI Input Signal Formats | |
|-----------------------------|--|
| SMPT-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) |
| 2K Format | 2048 x 1080p (24/24sF/23.98/23.98sF) |
| Audio IN | Embedded Audio / Analog stereo (Phone Jack) |
| Audio OUT | Analog stereo (Phone Jack) / Internal Speaker (Stereo) |
| Power | DC 24V / AC 100~240V (50~60Hz) |
| Power Consumption (Approx.) | 77Watts |
| Operating Temperature | 0°C to 40°C (32°F to 104°F) |
| Storage Temperature | -20°C to 60°C (-4°F to 140°F) |
| Accessory | AC Power Cord / Stand |

* Specifications may be changed without notice.

Optional Accessories





Stand: 19.11.2015

TVLogic Zubehör

| Series | Model | VIDEOR Teilnr. | Product Description |
|--|------------------------|----------------|---|
| LVM-242W LVM-245W-A LVM-246W LQM-241W XVM-245W_N | RMK-24 | 84206 | Rack Mount Kit for LVM-242W, 243W-3G, 245W, 246W, 247W / LQM-241W / LEM-250A, 250C / XVM-245W-N |
| | OPT-AND-24 | 207594 | External ND Acrylic filter for LVM-242W, 243W-3G, 245W, 246W, 247W / LQM-241W |
| | CC-24 | 84155 | Aluminum Carrying Case for LVM-242W, 243W-3G, 245W, 246W, 247W / LQM-241W / XVM-245W-N |
| Calibration Probe | W-Rite, i1 Display Pro | 211340 | Basic Color Calibration Utility ==> comes with CL-Soft for free |
| | Klein K-10A | 211339 | Basic Color Calibration Utility ==> comes with CL-Soft for free |
| | CL-Soft | 84251 | FREE Color Calibration S/W & License Key for EYE-ONE & Klein K-10 probes. (Software Only) |