

AM-OLED High Performance Monitors

LEM-250A



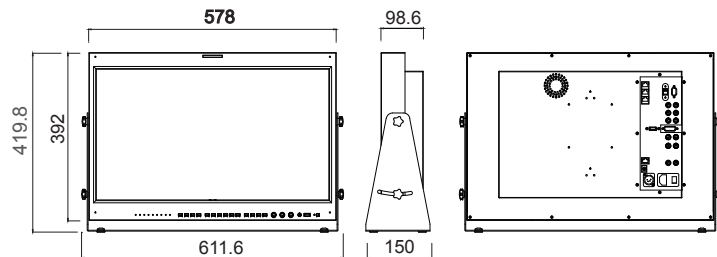
24.5" FHD 10-bit Reference OLED Monitor

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

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

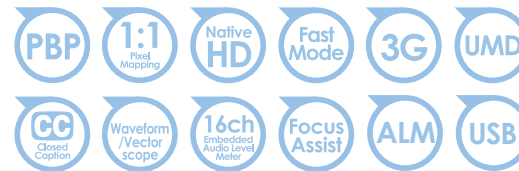
Main body Dimensions

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



LCD

| | |
|----------------------|-------------------------------|
| Size | 24.5" |
| Resolution | 1920 x 1080 (16 : 9) |
| Pixel Pitch | 0.283mm |
| Color Depth | 1.07B (True 10bit) |
| Viewing Angle (Typ.) | duv=0.008@30° |
| Luminance (Max.) | 150cd/m ² (center) |
| Contrast Ratio | 1200:1 (min), 5000:1 (dark) |
| Display Area | 543 mm (H) x 306 mm (V) |



Product Highlights

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

Input

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

Output

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

Input Signal

| | |
|-----------------------|--|
| Analog(Composite) | CVBS / S-Video / Component / RGB(VGA) |
| 3G-SDI | 2.97Gbps |
| HD-SDI | 1.485Gbps |
| SD-SDI | 270Mbps |
| DVI | 640x480/720x400/800x600/1024x768/1280x768/1280x1024/1366x768 |
| HDMI (PC & HDMI mode) | 1080p (23.98/24/25/30/50/59.94/60)/1080i(50/59.94/60)/720p(50/60)/480i(60)/480p(60)/576i(50)/576p(50)/640x480/720x400/800x600/1024x768/1280x768/1280x1024/1366x768 |

SDI Input Signal Formats

| | |
|-----------------------------|---|
| SMPTE-425M-A/B | 1080p(60/59.94/50/30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF), 1080i (60/59.94/50) |
| SMPTE-327M(Dual Link) | Dual HD-SDI YCbCr (4:2:2), 1080p (60/59.94/50), Dual HD-SDI YCbCr/RGB (4:2:2), 1080i (60/59.94/50), 1080p (30/29.97/25/24/24sF/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 (Mixed Mono) |
| Power | DC 12/24V / AC 100~240V |
| Power Consumption (Approx.) | 83 Watts(Typ.) |
| Operating Temperature | 0°C to 45°C (32°F to 113°F) |
| Storage Temperature | -20°C to 60°C (-4°F to 140°F) |
| Accessory | AC Power Cord / Stand |

* Specifications may be changed without notice.

Optional Accessories



OLED Monitor

Stand: 19.11.2015

TVLogic Zubehör

| Series | Model | VIDEOR Teilnr. | Product Description |
|-------------------|------------------------|----------------|---|
| LEM-250A | V-Mount-250 | 208537 | Battery Adapter for LEM-250A |
| | G-Mount-250 | 208538 | Battery Adapter for LEM-250A (Anton-Bauer) |
| | OPT-AF-250 | 208439 | External Acrylic filter for LEM-250A (Protection ONLY) |
| | CC-25 | 208438 | Dual Door Aluminum Carrying Case for LEM-250A |
| 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) |