

Color-Critical Monitor XVM-175W

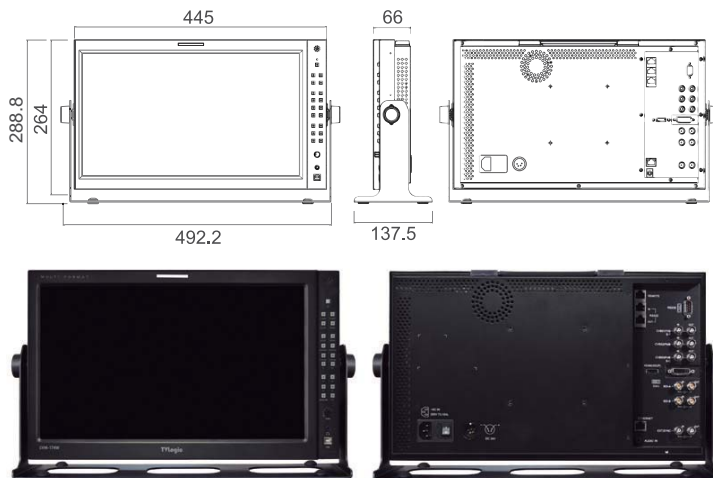


Product Highlights

- **17" 1920 x 1080 (16:9) Resolution**
- Matte Finish Panel
- High-Purity Precision RGB Matrix LED Backlight Array
- 1:1 Pixel Mapping Modes for SD/HD
- Supports TVLogic Color Calibration Utility for proper color alignment
- Supports Multi-point Calibration for RGB and White uniformity correction
- Supports 3D LUT & Adjustable Gamma(1.0 to 3.0) and User-defined mode
- Supports 3rd party 3D LUT formats for import and export
- Firmware update by using Ethernet or USB
- GPI (RJ45)
- Timecode Display (VITC/VTC)
- Waveform/Vectorscope (Y/Cb/Cr, RGB Wide type, Line waveform and Range Error)
- Marker / User Aspect
- Blue Only/Mono
- X3 Zoom(PBP)
- Key lock
- H/V Delay
- UMD (ANC, Manual, Dynamic & User)
- Closed Caption: CEA- 608/708 (SDI)
- Monitor control by using RS422

Main body Dimensions

- **Main Body** : 445 x 264 x 66 (mm) / 17.52 x 10.39 x 2.6 (inch)
- **with stand** : 492.2 x 288.8 x 137.5 (mm) / 19.38 x 11.37 x 5.41 (inch)
- **weight** : 6.4kg / 14.08lbs



The XVM-175W is a full HD 17" addition to XVM series.

Designed to reproduce highly accurate colors required by the most demanding applications, TVLogic's advanced 12 bit video processing engine and unique color calibration technology are combined with a true 10bit high-purity RGB-LED backlit 1920x1080 native IPS-LCD panel for reference standard video monitoring.

Features include:

Focus Assist, Markers, Waveform & Vector Scope, Timecode display, UMD, Closed Caption, Fast mode, multiple colorspace presets with internal 3D LUT, Backlight and Gamma control, Import of 3rd party 3D LUTs and more.

LCD

Size	17"
Resolution	1920 x 1080 (16 : 9)
Pixel Pitch	0.199mm
Color Depth	1.07Bil. (True 10bit)
Viewing Angle (Typ.)	178°(H) / 178°(V)
Luminance (Max.)	210cd/m ² (center)
Contrast Ratio	900:1
Display Area	367(H) x 229(V) mm

Input

1 x DVI-I	Analog & Digital RGB
1 x HDMI	HDMI(1.0Ver) Input
3 x BNC	CVBS Input
2 x BNC	SDI A/B Channel Input
1 x BNC	Ext Sync. Input

Output

3 x BNC	Analog (Passive Loop Through)
2 x BNC	SDI A/B Channel Output (Active Loop Through)
1 x BNC	Ext Sync. Out

Input Signal

Analog	CVBS / S-Video / Component Video / RGB
3G-SDI	2.970Gbps
HD-SDI	1.485Gbps
SD-SDI	270Mbps
HDMI	480i/480p/576i/576p/720p/1080i/640x480/720x400/800x600/1024x768/1280x1024/1366x768
DVI-Analog	640x480/720x400/800x600/1024x768/1280x1024/1366x768
DVI-Digital (PC mode)	640x480/720x400/800x600/1024x768/1280x1024/1366x768

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	1.0Vpp (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 YCbCr(4:2:2) 1080p (60/59.94/50)
	Dual HD-SDI YCbCr/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.)	77Watts (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 / Stand

* Specifications may be changed without notice.