Konvision

KVM-4260W

43 INCH
FHD HDR Broadcast LCD Monitor

FHD | 450 nits | 1300:1 Contrast | HDR | 178° H/V

3G SDI | HDMI | 2K Signal | PBP&PIP | 3D-LUT Calibration

INTRODUCTION

KVM-4260W is a wall-mount broadcast monitor with a 43inch 1920 × 1080 Full HD resolution, 178 ° H/V wide viewing angle IPS LCD panel. It also adopts a narrow-bezel design to effectively increase the screen-to-body ratio. Equipped with dual-channel SDI inputs and loop outputs and multiple video interfaces, supports 2K signals and PBP/PIP display. KVM-4260W has built-in waveform, vectors as well as aspect ratio marker and other composition auxiliary tools. Supporting HDR emulation and multiple standard color spaces and Gamma, adapts to multiple mainstream camera EOTF. It can also feature 3rd-party LUT files import.KVM-4260W is fully functional and extremely cost-effective, providing high-quality solutions for application scenarios such as spacious studios and large broadcast vehicles.

HIGHLIGHTS

- 1920×1080 FHD resolution, 178°H/V viewing angle, IPS LCD panel
- 12-bit video signal processing with zero delay display
- 2×2K/3G/HD/SD-SDI inputs&outputs
- 1×DVI-I input, compatible with HDMI/VGA conversion input
- 1×composite video input
- 3D LUT color calibration support for ColourSpace & Calman
- Supports color spaces: Rec.709/EBU/DCI-P3/DCI-P3 D65/Rec.2020
- HDR support: HLG (1.03/1.11/1.16/1.20/1.27/1.33), ST2084 PQ/(soft roll)
- Multiple gamma options: Gamma 2.0/2.2/2.4/2.6
- Multiple camera gamma curves: Arri LogC, Canon Log/2/3, DJI D-Log, Panasonic V-Log, Sony S-Log/2/3
- USB/network ports for loading custom 3D LUT files and firmware upgrades
- PBP/PIP Display for 2xSDI/mixed signals
- PIP child window size adjustable and position swappable
- Interlaced to progressive, display original interlaced pictures
- Automatic recognition of color system PAL/NTSC
- Pixel measurement, simultaneous measurement of 32 pixels' color info for dimming
- Darkness check to brighten the picture's dark part for more details
- Picture flip/Zoom/Over-scan/Under-scan/H/V delay
- Waveform, Vectorscope, Histogram allowing to display one or all scopes
- False color, Zebra, Focus Assist, Blue only/Mono
- Markers: Aspect Ratio, Center Area, Safe Area, Box Frame Adjustment
- Each SDI input de-embedding 16-channel audio, optionally any 2-channel audio output, and audio phase diagram support
- Abnormal detection and alarm for no audio, EDH error, CRC error, etc.
- Time code (VITC1、VITC2、LTC)
- UMD/IMD display, TSL3.1/4.0/5.0 protocol
- Ethernet/GPI control, support RS422 input and output
- GPI remote control for tally, auxiliary functions, signal switching,etc
- Supports 608/708 Closed Caption
- Aluminum alloy case, speaker, headphone jack, tally
- 220V AC power input, supports power-off memory function

SPECIFICATION

Panel	
Model No.	KVM-4260W
Backlight	LED
Size	43"
Resolution	1920×1080
Aspect Ratio	16:9
Viewing Angle	178°(H) / 178°(V)
Brightness	450cd/m^2
Contrast Ratio	1300:1
Color Depth	10bit
Input	
2×BNC	3G/HD/SD-SDI
1×BNC	Video
1×DVI	DVI/VGA/HDMI
Output	
2×BNC	3G/HD/SD-SDI
Remote Interface	
1×RJ45	10/100M Ethernet Input Interface
1×RJ45	GPI Input Interface
2×RJ45	RS422 Input and Loop Out Interface
Audio In & Out	
Audio In	3.5mm Headset Jack 16-Channels SDI & 2-Channel outputs
Audio Out	3.5mm Headset Jack, 2×3.0W Speakers
Audio Meter	Vertical/horizontal display
General	
Input Voltage	AC 100-240V 50/60Hz
Power	≤115W
Installation	VESA MIS-D (100×100mm) / (200×200mm)
Net Weight	≈21.7kg
Accessory	Power Cord /Desktop Stand

*Specifications may be changed without prior notice.

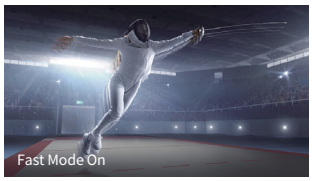
FEATURES

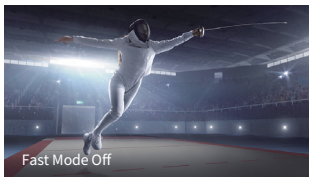
▪ FHD resolution, IPS LCD panel

Adopts 43 inch IPS LCD panel, 1920×1080 FHD resolution, 178° H/V wide viewing angle, presenting vivid images.

▪ Motion-Adaptive Interlace to Progressive

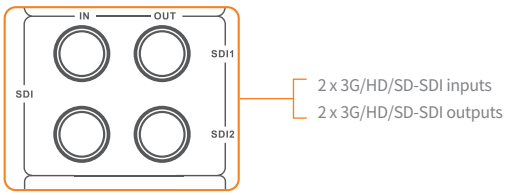
High-end video processing engine, motion-adaptive interlace to progressive. It realizes a quick response to the fast-moving image, avoids fuzzy, sawtooth, and other problems, and ensures a clearer and smoother image. It can satisfy more demanding applications such as live sports, camera shaking, and rolling subtitles, etc.





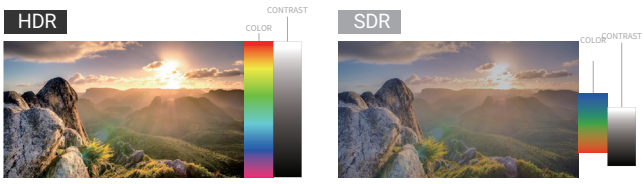
▪ SDI / Video / DVI Interfaces, Support 2K Signal

Equipped with 2 x 3G/HD/SD-SDI inputs and loop-out, video input, DVI input (convertible with HDMI/VGA), 2K signal support.



▪ High Dynamic Range(HDR)

Konvision KUM 4K, 8K, and KVM-6X series support HDR display. Adjustable HDR modes include PQ (ST2084) and HLG with Rec 2020 color gamut. It reproduces a wider dynamic range of luminosity and provides an incredibly high-level picture quality.



· HDR EOTF：HLG (1.03/1.11/1.16/1.20/1.27/1.33)、ST2084 PQ/(softroll)

▪ Color Spaces & Gamma Curves

Supports various color spaces such as HD (Rec.709), UHD (BT.2020), and digital cinema (DCI-P3) specified by the ITU standard, and built-in Log curves for multiple cameras of mainstream brands: Arri LogC, Canon Log/2/3, DJI D-Log, Panasonic V-Log, Sony S-Log/2/3.

· Color spaces：Rec.709/EBU/DCI-P3/DCI-P3 D65/Rec.2020
· Gamma：2.0/2.2/2.4/2.6

▪ 3D LUT Calibration & LUT Files Import

Each Konvision monitor is well calibrated with 3D LUT color calibration technology before leaving the factory to ensure accurate colors. User can load and store custom 3D LUT tables through the USB port/Ethernet port, effectively simplifying the color grading process for DIT and post-production work.

▪ PBP/PIP Display

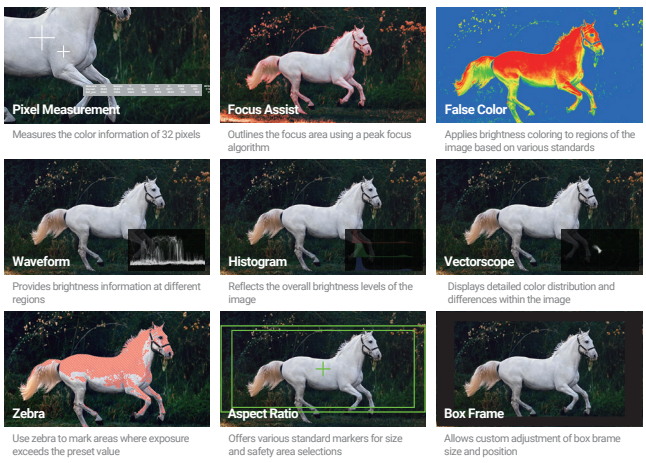
The dual-image mode supports PBP/PIP display of dual-channel SDI signals or mixed signals, allowing user to check the images of different signal sources in real time on the same screen and switch easily.

· In PIP mode, you can adjust the size of the sub-window and swap the positions of the two windows.

▪ Pixel Measurement

Measure the color information of pixels, supporting YcbCr, RGB 10BIT, XYZ, xyY coordinates. This function can be used to guide on-site light adjustment for shooting with precise light control requirements.

▪ Professional Image Analysis Tools



▪ Audio Auxiliary Display

Supports 16-channel SDI, 2-channel HDMI audio meter display (VU & PPM), and optional 2-channel outputs through the 3.5mm headphone jack or speaker. The signal alarm will be triggered in an abnormal circumstance, such as no audio, high or low audio level, etc.