

KVM-4250W

42" Wall-Mount Broadcast Monitor

42" FHD IPS panel, support 2x3G-SDI in and out
Ideal for video wall or others with requests for bigger screen

- 42" 1920×1080 native resolution
- 12Bit video processing
- 3D LUT color calibration
- 3G-SDI, 4:4:4 12Bit signals (SMPTE 425M A/B)
- 2x2K/3G/HD-SDI in/out
- Composite/Component in/out
- PIP/PBP
- Waveform, Vectorscope, Histogram
- Audio Meter for SDI1, SDI2
- Pixel Measurement
- Picture Flip, H/V Delay
- Focus Assist, Zoom
- False Color, Zebra
- Scan, Marker, Blue Only/Mono
- Time Code, Audio Meter
- Power-off Memory
- Ethernet/GPI



Main Features

KVM-4250W has equipped with FHD resolution IPS LCD panel, high brightness and contrast ratio, 2x3G-SDI inputs and outputs with waveform, vectors, pixel measurement and other full broadcast features, PIP and PBP enables two signals be displayed on screen in the same time. super slim design offers excellent solution for studio, broadcast, video wall as well as high-end video conference applications.

• Pixel Measurement

Select any single pixel or block of pixels, using a movable crosshair to obtain real time readouts of YRGB values and the percent difference, make the comparison easily.



• 3D LUT Color Calibration

Integrated 3D LUT color calibration technology, mostly Konvision monitors are compatible with Lightspace and Calman (REC 709 color space) into monitor. Lightspace and Calman for Konvision are compatible with popular colorimeters including the X-rite i1 Display, C6, CR100, and Klein K10A.



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● Waveform, Vector, Audio Meter for All Signals

All SDI1, SDI2 and HDMI support Waveform, Wide Type Waveform, Waveform Alarm, Vectorscope, Histogram, Pixel Measurement, Audio Meter display etc professional picture analysing functions.



Wide Type Waveform Waveform/Vectorscope/Histogram

● PIP/PBP Mode

Support 2 SDI signals display at same time, also one SDI with any other signals of Video, HDMI/DVI/VGA. Two pictures can swap between each other freely.



PIP

PBP

Specifications

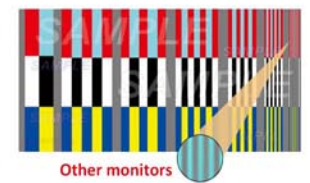
LCD		
Display Size	42"	
Resolution	Full HD 1920x1080	
Aspect Ratio	16:9	
Viewing Angle	178°(H) / 178°(V)	
Pixel Pitch	0.4845x0.4845(mm)	
Color Depth	1.07B	
Back Light	LED	
Brightness	450cd/m2	
Contrast Ratio	1300:1	
INPUT		
2 × BNC	SDI1/2 Channel Input (3G/HD/SD-SDI Auto-Detected)	
3 × BNC	YPbPr/Video/Y/C	
1 × DVI-I	DVI/VGA/HDMI Input	
OUTPUT		
2 × BNC	SDI1/2 Channel Output (3G/HD/SD-SDI Auto-Detected)	
COMPATIBLE SDI FORMATS		
SMPTE-425M-A/B	4:2:2 YCbCr 10-bit	1080P(60/59.94/50)
	4:4:4 YCbCr/RGB 10-bit	1080i(60/59.94/50)
	4:4:4 YCbCr/RGB 12-bit	1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)
		1080i(60/59.94/50)
	4:2:2 YCbCr 12-bit	1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)
		1080i(60/59.94/50/720p(60/59.94/50/30/29.97/25/24/23.98)
SMPTE 424M	1080p(50/59.94/60)	
SMPTE-274M	1080i(60/59.94/50)	
	1080P(30/29.97/24/25/23.9830sF/29.97sF/25sF/24sF/23.98sF)	
SMPTE 292M	1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)	
	1080i(60/59.94/50/720p(60/59.94/50/30/29.97/25/24/23.98)	
SMPTE-296M	720P(60/59.94/50/30/29.97/25/24/23.98)	
SMPTE-260M	1035i(60/59.94)	
SMPTE-125M	480i(59.94)	
ITU-R BT.656	576i(50)	
Audio In / Out		
SDI Audio In	8-16 Channels Embedded Audio	
Audio Meter Display	H/V Audio Level Meter Display(VU+PPM)	
Analog Audio Input	3.5mm Headset Switch Cable	
Audio Headset Output	3.5mm Headset Jack	
Built-in Speaker	2.5Wx2	
GENERAL		
Operating Temperature	-10°~ 50°	
Input Voltage	AC 100-240V 50/60Hz	
Power Consumption	115W	
Power-Saving Mode	Turn off unimportant key Automatically if no signal input	
Unit Dimension(w/o stand)	996.4x565.3x55.2(mm) / 1170x260x790(mm)	
Net/Gross Weight	23.5KG / 29.0KG	
VESA Installation	ESA MIS-D(200X200mm)	
Shell Materials	Aluminum on Front-Shell	

Specifications may be changed without prior notice.

Other Functions



Konvision monitors



Other monitors

12Bit video processing



Picture Flip



Part Zoom In

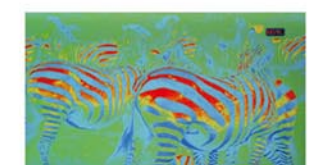
False Signal



Focus Assist



Zebra



False Color