

KVM-2250W

21.5" FHD Broadcast Monitor

All SDI1,SDI2,HDMI support Waveform,Vectors, Pixel Measurement,Histogram!

KVM-2250W is a multi-functional monitor that supports full video formats including 2K and 3Gbs SDI 4:4:4 12Bit signals. Efficient features makes it a nice choice for production,post-production and editing, as well as studio and OB truck.



Main Features

- 21.5" 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(size/position adjustable)
- Wide type/Waveform(waveform alarm)
- Waveform,Vectorscope,Audio Meter for SDI1,SDI2
- Waveform,Vectorscope,Audio Meter for HDMI
- Histogram
- Pixel Measurement
- Picture Flip,H/V Delay
- Focus Assist,Zoom
- False Color,Zebra
- Scan,Marker,Blue Only/Mono
- Audio Phase,Time Code
- Audio Meter (16ch SDI,2ch HDMI)
- Dynamic UMD(TSL3.1/4.0)
- Built-in DC IN /AC IN
- Power-off Memory
- Ethernet/GPI
- RS422 in/out

• 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.



KVM-2250W

21.5" FHD High-end Broadcast Monitor



● **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 and other professional picture analysis 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	21.5"
Resolution	Full HD 1920x1080
Aspect Ratio	16:9
Viewing Angle	178°(H) / 178°(V)
Pixel Pitch	0.248x0.248(mm)
Color Depth	16.7M
Back Light	LED
Brightness	250cd/m2
Contrast Ratio	1000:1

INPUT	
2 × BNC	SDI1/2 Channel Input (3G/HD/SD-SDI Auto-Detected)
3 × BNC	YPbPr/Video/Y/C
1 × HDMI	HDMI Input
1 × DVI-I	DVI/VGA Input

OUTPUT	
2 × BNC	SDI1/2 Channel Output (3G/HD/SD-SDI Auto-Detected)
3 × BNC	YPbPr/Video/Y/C

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)
4:4:4 YCbCr/RGB 10-bit	720P(60/59.94/50/30/29.97/25/24/23.98)	

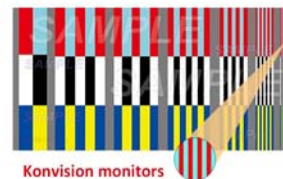
SMPTE 424M	1080p(50/59.94/60)
SMPTE-274M	1080i(60/59.94/50)
	1080p(30/29.97/24/25/23.9830sF/29.97sF/25sF/24sF/23.98sF)
SMPTE 292M	1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)
	1080i(60/59.94/50)/720p(60/59.94/50/30/29.97/25)
SMPTE-296M	720P(60/59.94/50/30/29.97/25/24/23.98)
SMPTE-260M	1035i(60/59.94)
SMPTE-125M	480i(59.94)
ITU-R BT.656	576i(50)

Audio In / Out	
SDI Audio In	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

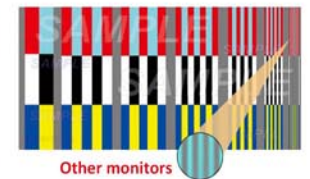
GENERAL	
Operating Temperature	-10°~ 50°
Input Voltage	DC 12V/AC 100-240V 50/60Hz
Power Consumption	42W
Power-Saving Mode	Turn off unimportant key Automatically if no signal input
Unit/Packing Dimension	530x349.6x78.7(mm) / 655x221x500(mm)
Net/Gross Weight	7.0KG / 9.0KG
VESA Installation	ESA M15-D(100X100mm)
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