

KVM-1760D

17" Full HD P3 Grading Monitor

Wider Color Gamut up to DCI-P3
Best quality for multiple high-end applications

KVM-1760D, a remarkable film grade monitor, 16.5inch IPS 10Bit panel with 1920x1080 resolution, covers up to DCI-P3 wide color gamut, high brightness, high contrast ratio. 3D LUT color calibrated, provided with waveform (alarm), vectorscope and other professional broadcast features, a suitable model for most demanding applications of image quality for high-end broadcast shooting, editing and production.



Main Features

- 16.5" 1920×1080 native resolution
- True 10Bit IPS LCD panel
- 12Bit video processing
- 3D LUT color calibration
- User importing Lut files into monitors
- Various Color Gamut : REC709(Gamma2.4)/sRGB/DCI-P3/SMPTE-C/EBU/USER1/USER2)
- 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, Konvision KVM-6X series monitors are compatible with Lightspace and Calman. Support various color gamuts such as REC 709 (Gamma2.4) /sRGB/DCI-P3/SMPTE-C/EBU/USER1/USER2), user can import their own lut files into the monitor. Lightspace and Calman for Konvision are compatible with popular colorimeters including the X-rite i1 Display, C6, CR100, and KleinK10A.



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Konvision

● **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

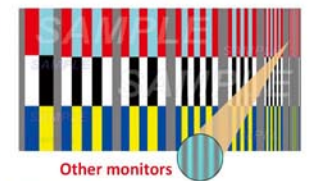
LCD		
Display Size	16.5"	
Resolution	Full HD 1920x1080	
Aspect Ratio	16:9	
Viewing Angle	178°(H) / 178°(V)	
Pixel Pitch	0.19x0.19(mm)	
Color Depth	1.07B	
Back Light	LED	
Brightness	450cd/m2	
Contrast Ratio	1500:1	
INPUT		
2 × BNC	SDI1/2 Channel Input (3G/HD/SD-SDI Auto-Detected)	
3 × BNC	YPbPr/Video/Y/C	
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)
	4:2:2 YCbCr 12-bit	1080i(60/59.94/50)
	4:4:4 YCbCr/RGB 10-bit	1080p(30/29.97/25/24/23.98/ 30sf/29.97sf/25sf/24sf/23.98sf)
SMPTE-274M	1080i(60/59.94/50)	720P(60/59.94/50/30/29.97/25/24/23.98)
	1080P(30/29.97/24/25/23.9830sf/29.97sf/25sf/24sf/23.98sf)	
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	34W	
Power-Saving Mode	Turn off unimportant key Automatically if no signal input	
Unit/Packing Dimension	425x360x175(mm)/500x290x430(mm)	
Net/Gross Weight	4.25KG/6.24KG	
VESA Installation	ESA MIS-D(100X100mm)	
Shell Materials	Aluminum on Front-Shell Rust-Proof iron on Back-Shell	
Accessory	Power Cord /Desktop stand	

*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