



Native Resolution



3G-SDI Signal



High Dynamic Range



P3 Gamut 98% Coverage

17" 1RU COLOR GRADING DRAWER MONITOR

KFM-1760D, 1RU drawer monitor, with full HD 1920x1080 resolution, covers up to 98% P3 color gamut. Built-in 2x3G-SDI inputs and outputs, specially support HDR function, with PQ and HLG. Supporting waveform, vectorscope, audio meter display etc. 1RU compact design makes it perfect studio monitor for news rooms, control rooms, post-production.



2K



3G-SDI



BT.2020



Waveform



Vectors



Pixel Measure



Zebra



Focus Assist



False Color



Audio Meter



TSL UMD



GPI

LCD Panel

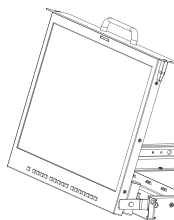
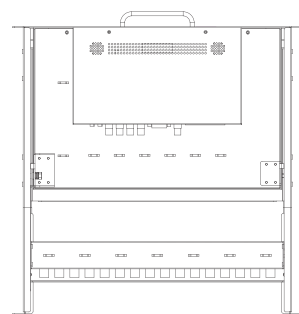
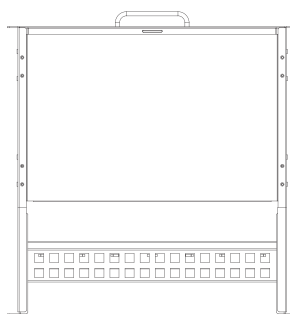
Model No.	KFM-1760D
Backlight	LED, 98%P3
Size	16.5"
Resolution	1920x1080
Aspect Ratio	16 : 9
Viewing Angle	178°(H) / 178°(V)
Color Depth	1.07B
Brightness	450cd/m ²
Contrast Ratio	1500:1

Input

2 x BNC	SDI 1/2 signal inputs <i>(Auto-detected and compatible to 3G/HD/SD-SDI)</i>
1 x BNC	Composite Video input
1 x DVI-I	DVI/HDMI/VGA inputs

Output

2 x BNC	SDI 1/2 signal outputs <i>(Auto-detected and compatible to 3G/HD/SD-SDI)</i>
---------	---

Main Body**Specifications**

- 1920x1080 resolution, 10 Bit LCD panel
- 12 Bit Video Processing, image no delay
- 3G-SDI 4:4:4 12bit signals (SMPTE 425M A/B)
- 2x2K/3G-SDI inputs and outputs(2K/3G/HD/SD-SDI auto detect)
- 1xDVI input compatible with HDMI/VGA, 1x composite video input
- HDR supports PQ (ST2084) and HLG(1.0,1.1, 1.2, 1.3, 1.4, 1.5)
- Part Zoom In
- Black Stretch function
- H/V Delay, Over Scan, Markers
- Audio Level Meter, Blue/Mono Only
- Remote control: Ethernet/GPI, RS422 In/Out
- Dynamic UMD(TSL3.1/4.0)
- LED Tally Light and On-screen Tally display
- F-key configuration and Key Lock function
- Built-in AC in and DC in power supply

- 3D LUT Color calibration with LightSpace & CalMAN
- Color space: REC709/EBU/DCI-P3 D65/DCI-P3/REC2020/USER1/USER2/Bypass
- Support user 3D LUT files import
- Various Gamma selection: Gamma 2.0, 2.2, 2.4, 2.6
- Various cameras' SDR Log curves: SONY S-log1/2/3 (709), ARRI Log-C (709), Canon C-log1/2/3(709) etc
- Various cameras' HDR Log curves:SONY S-log1/2/3 (HLG), S-log1/2/3 (PQ), ARRI Log-C (HLG), Log-C (PQ)
- Waveform, Vectorscope for SDI1 and SDI2
- Waveform, Vectorscope for HDMI/DVI
- Pixel Measurement and Audio Phase
- PBP/PIP(size/position adjustable)
- Picture Flip, Focus Assist
- False Color, Zebra

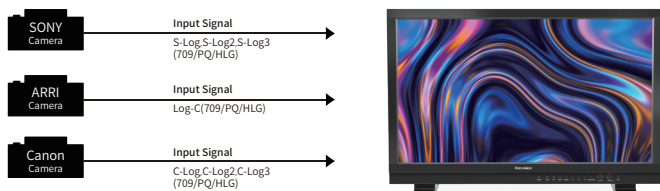
High Dynamic Range(HDR)

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



EOTF Curve Conversions

Konvision KUM 4K, 8K and KVM-6X series supports a variety of EOTF curve conversion applicable to the broadcast industry and digital film standard. A preset of lots of HDR log, SDR logs and gamma curve selection, so as to realize the perfect combination with the camera system.



Part Zoom In

Part Zoom in function allows user Zoom In any part of the picture, to watch picture details more clearly, and assist for focus.



Black Lift

Increasing the brightness and contrast ratio in the dark areas, Black Lift function can show more shadow details of the input signal. Black Lift can be used for double checking the shadow detail of the dark areas to avoid any missing information.



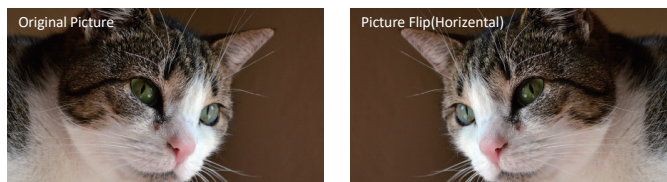
PIP & PBP

It supports PIP and PBP for one SDI signal with the other signal (Video/Component/HDMI/DVI/VGA). The two images can swap freely between each other.



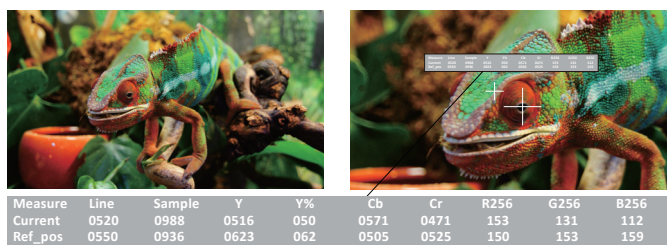
Picture Flip

Horizontal picture flip function allows negative image, is very useful in the studios/virtual studios, such as weather forecast, news and other programs, etc.



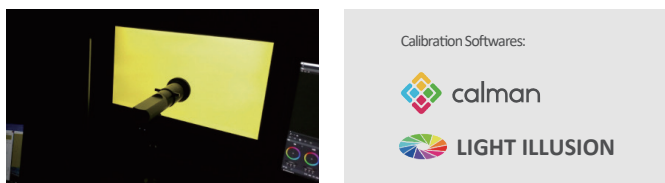
Pixel Measurement

Select any single pixel or block of pixels by using a movable cross-hair to obtain real time readouts of the Y&RGB values of the selected position. This function is to get real time Y&RGB measurement values of any point of the input signals and compare the values of of any two points.



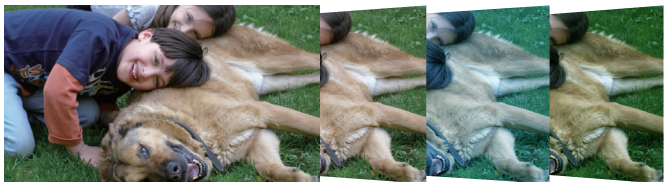
3D LUT Color Calibration

Compatible with Lightspace and Calman calibration software, Konvision monitors apply K10-A probe(professional level) to achieve a precise color. Monitor's also workable with universal colorimeters including CA210, CA310, CS200, CR100, CR250, X-Rite i1 Display.



3D LUT files import

With the LUT loading function, users can load 2 different 3D LUT files with different color types according to their own needs, making DIT, post production and grading work simpler and more intuitive, optimizing the work flow and improving work efficiency.



Waveform(Alarm), Vectors

Both SDI and HDMI support Waveform, Vectorscope, Histogram and manage to be displayed on screen at the same time. When luminance reaches or exceeds the preset value, the over exposure areas will be red marked(Waveform Alarm).



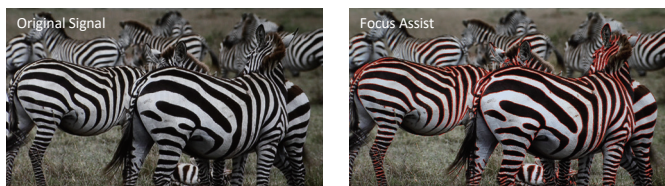
False Color

Check exposure of the image. Blue, cyan, green, yellow, orange and red color be displayed in turn to show the luminance or brightness values of the image from darkest to brightest, enables an achievement of proper exposure without applying external test equipment.



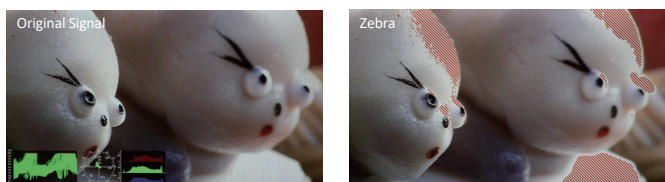
Focus Assist

Focus assist aids the camera operator in obtaining the sharpest possible picture, it will mark with red color where the sharp edges appear on the screen.



Zebra

Display the overexposed areas(too bright) of the image with zebra stripes, aids the camera operator to control the luminance, in order to avoid overexposure. This feature is very effective for proper exposure.



Audio In & Out

SDI/HDMI Audio In	16 Channels SDI/2 Channels HDMI embedded audio
Audio Meter Display	Vertical/Horizontal audio level meter display
Audio Headset Output	3.5mm headset jack
Built-in Speaker	2.5W×2

GENERAL

Input Voltage	DC 12V and AC 100-240V 50/60Hz
Power Consumption	34 W
Power-Saving Mode	Turn off unimportant key automatically if no signal input
19" EIA Rack	1RU
Accessory	Power Cord

Specifications may be changed without prior notice.