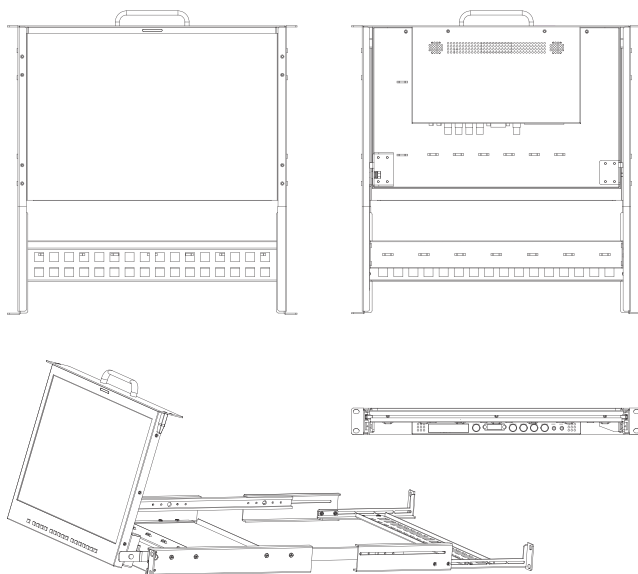**FHD**
Native Resolution

3G
3G-SDI Signal

17.3" 1RU FHD DRAWER MONITOR

KFM-1753W 1 RU drawer monitor with full HD 1920x1080 resolution, built-in 2x3G-SDI inputs and outputs, supporting waveform, vector scope, audio meter display etc.1 RU compact design makes it a perfect studio monitor for news rooms, control rooms, post-production.

2K	3G SDI	BT.709	Waveform	Vectors	Pixel Measure	Zebra	Focus Assist	False Color	Audio Meter	TSL UMD	GPI

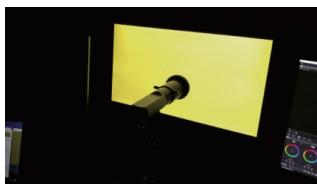| LCD Panel	
Model No.	KFM-1753W
Backlight	LED
Size	17.3"
Resolution	1920×1080
Aspect Ratio	16 : 9
Viewing Angle	178°(H) / 178°(V)
Color Depth	16.7M
Brightness	300cd/m²
Contrast Ratio	700:1
Input	
2 x BNC	SDI 1/2 signal inputs (Auto-detected and compatible to 3G/HD/SD-SDI)
1 x BNC	Composite Video input
1 x DVI-I	DVI/HDMI/VGA inputs
Output	
2 x BNC	SDI 1/2 signal outputs (Auto-detected and compatible to 3G/HD/SD-SDI)

Main Body

Specifications

- 1920x1080 resolution
- 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
- 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
- DC 12 power supply
- 3D LUT Color calibration with LightSpace & CalMAN
- Waveform,Vectorscope for SDI1 and SDI2
- Waveform, Vectorscope for HDMI/DVI
- Pixel Measurement and Audio Phase
- PBP/PIP(size/position adjustable)
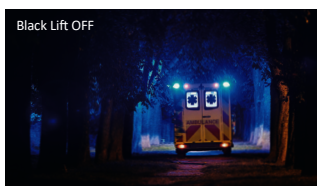- Picture Flip,Focus Assist
- False Color
- Zebra

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.

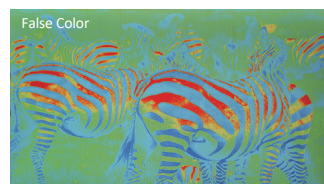

Calibration Softwares:

calman

LIGHT ILLUSION

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 infomation.
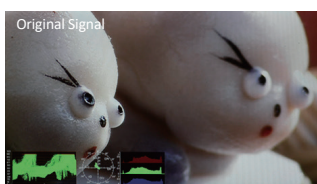

Black Lift OFF

Black Lift ON

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.

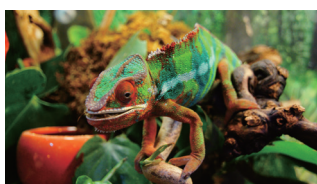Original Signal

False Color

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.
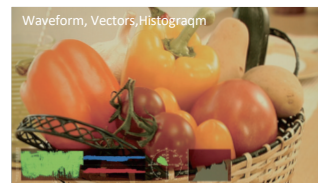

Original Signal

Zebra

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.

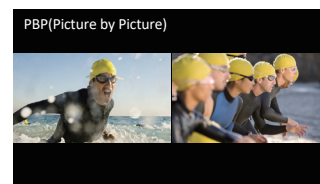| Measure	Line	Sample	Y	Y%	Cb	Cr	R256	G256	B256
Current	0520	0988	0516	050	0571	0471	153	131	112
Ref_pos	0550	0936	0623	062	0505	0525	150	153	159

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).

Waveform, Vectors,Histogracm

Waveform Alarm

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.

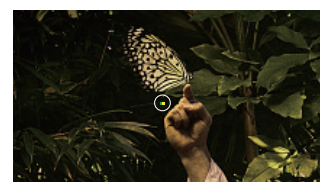PIP(Picture in Picture)

PBP(Picture by Picture)

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.
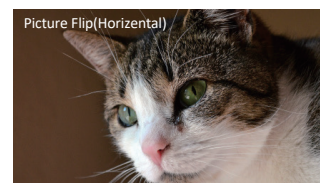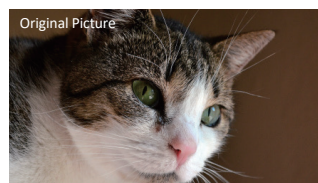

Original Signal

Focus Assist

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.

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.

Original Picture

Picture Flip(Horizental)

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
Power Consumption	26 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.