Konvision

Konvision
Broadcast and Professional Monitors

4K&8K
HDR Monitor

www.konvision.com
Shenzhen Konvision Technology Co., Ltd

BROADCAST AND PROFESSIONAL MONITORS

COMPANY PROFILE

Shenzhen Konvision Technology Co., Ltd. is a Hi-Tech enterprise specializing in developing, manufacturing and selling professional broadcasting video equipment. Since established in 2009, with its core value "professional makes perfect", Konvision has always focused on broadcast monitors, concentrating on technological innovation, provides users with high-quality broadcast monitors, and strives to promote the continuous development of the global broadcasting and film industry.

Over the past decade, Konvision products have been exported to more than 120 countries and regions around the world.

Nowadays, Konvision broadcast monitors have become the trusted partner of many China well-known medias, such as China Central Television (CCTV), Guangdong TV Station, Hunan TV Station, TVB (Hong Kong) and other 30 provincial and country level TV stations, with coverage rates of 90%.

Konvision monitors have also adopted by most of the international leading TV broadcasters, such as BBC(UK), ZDF(Germany), TRT(Turkey), RAI(Italy), TVP(Poland), DDK(India) etc. Over 80% of European national and other TV stations and top-level users such as FOX, EU, Warner Bros, Disney etc, are using Konvision monitors.

In the future, Konvision is willing to work with you and present the true and colorful world.

NO.1
The first 8K monitor in China

120+
Export to 120+ countries in the world

1000+
1000+ distributors worldwide

10000+
10000+ broadcast film and television media users

OUR PARTNER

Professional Makes Perfect

R&D Concept

With the R&D concept "professionalism and innovation-oriented", Konvision launched its first 4K HDR professional monitor in 2018, and became the leader of 4K professional monitors in China. In 2019, Konvision launched 8K HDR profession monitors, becoming the world's first Chinese monitor brand with the most 4K and 8K project cases.

Moreover, Konvision is the first Chinese manufacturer that implementing 4K large-scale applications in province TV stations. With its complete professional broadcast features, easy-to-use interface and lightweight body, it can meet different needs of users.

With industry-leading video processing technology, including 12Bit signal processing, high-quality I/P conversion algorithm and ultra-low video latency to ensure excellent image quality and color reproduction.

Konvision continues to develop its own color management system, adopted 3D LUT calibration technology, compatible with Colourspace and Calman calibration software, and workable with industry-leading color calibration instruments such as K10-A and CR 300 to provide users with perfect color management service.

World's First 5G+8K OB VAN

The world's first "5G + 8K" UHD video full-service broadcast OB truck, which adopted dozens of Konvision 12G-SDI 4K HDR monitors, was completed on August 18th, 2019.
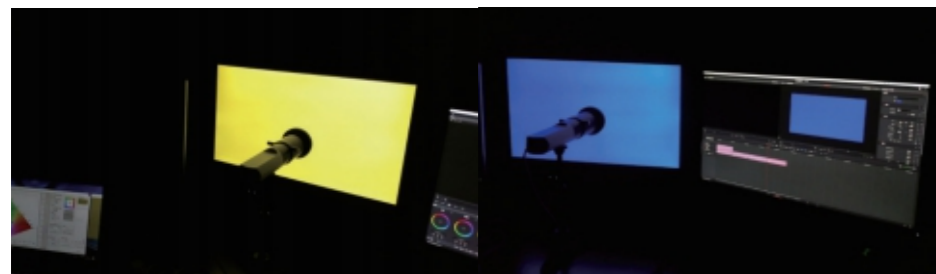
The collaboration center spent three months to choose a 4K monitor, and finally Konvision monitor is selected and purchased in a large quantity, now all monitors have been put into use.

They tested and compared multiple brands before selecting Konvision. Konvision stands out from many worldwide famous brands under their comprehensive evaluation of color reproduction, durability and cost.
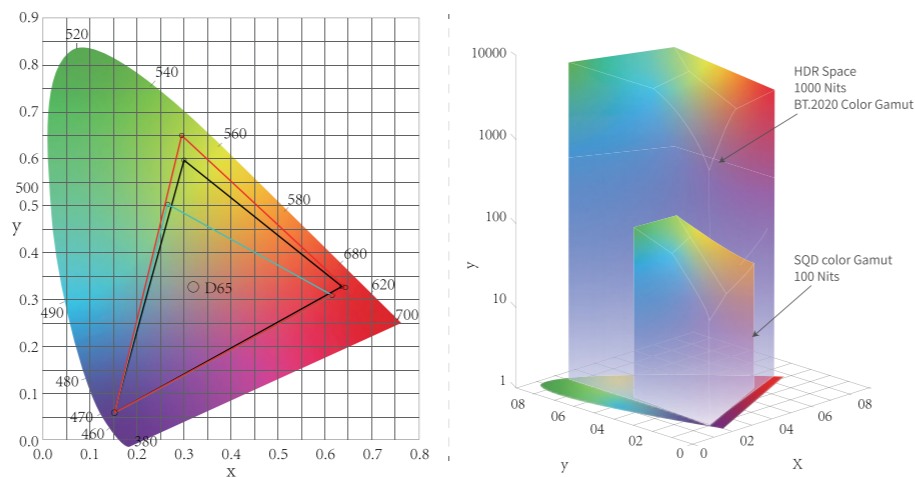
Konvision Monitor Advantages

Precise Color Calibration instruments

All Konvision monitors undergo strict color temperature before leaving the factory for optimum brightness, gamma and color temperature. Konvision applies high-precision color calibration instruments-CR300 spectral analyzer and K10-A probe to do the color calibration of each monitor. CR300 spectral bandwidth reaches an astonishing 2nm level, with wavelength resolution as high as 0.8 nm/pixel. K10-A probe's color correction accuracy is 100 times than that of the i1 Display Pro.

Main calibration instruments in the market

KLEIN K10-A Probe
Professional Level

Accuracy
100 times

X-Rite i1 Probe
Normal Level

Konica CS2000 Spectroradiometer
Professional Level

Konica CA-410 Color analyzer
Professional Level

CR300 Spectral Analyzer
Professional Level

Precise Color Reproduction

Konvision monitors support the color space of HD (Rec.709) and UHD (BT.2020) comply with the ITU standard and support the DCI-P3 color gamut of digital cinema to ensure accurate color reproduction and color calibration.

HDR Space
1000 Nits
BT.2020 Color Gamut

SQD color Gamut
100 Nits

3D LUT Color Calibration

Compatible with Colourspace 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.
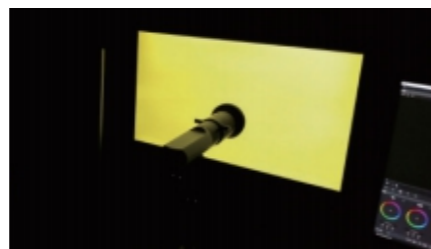
Calibration Softwares:

calman

ColourSpace

8K Signal

Supporting 8192x4320 8K signal, including 4320p 23.98, 24, 25, 29.97, 30, 50, 59.94 and 60p. With advanced image processing technology, 8K HDR monitor restores a real world for users.

UHD 8K(7680×4320)
UHD 4K(3840×2160)
HD1080p(1920×1080)
1080p   4K
Realistic 4K UHD Image Quality

8K(8192×4320)   4K(4096×2160)   2K(2048×1080)
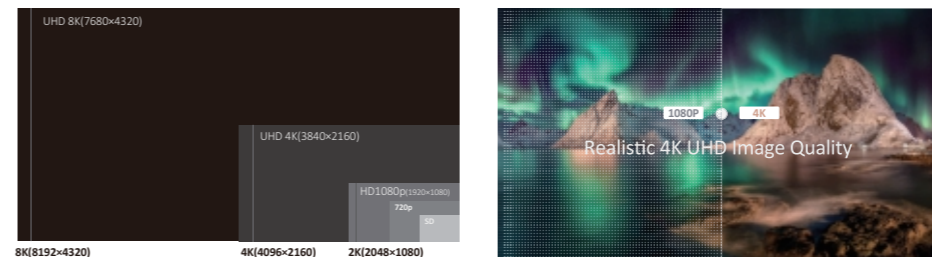
2SI and SQD 4K signal

4K 2 Sample Interleave (2SI)：Pixel based segmentation
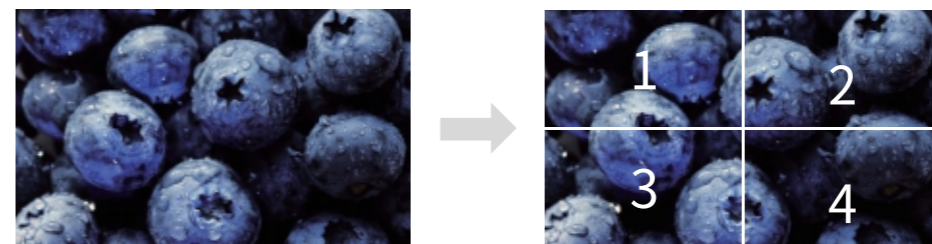
4K Square Division (SQD)：Quadrant based segmentation

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.

HDR
CONTRAST
COLOR

SDR
CONTRAST
COLOR

WHAT THE VIEWER SEES

WHAT THE VIEWER SEES
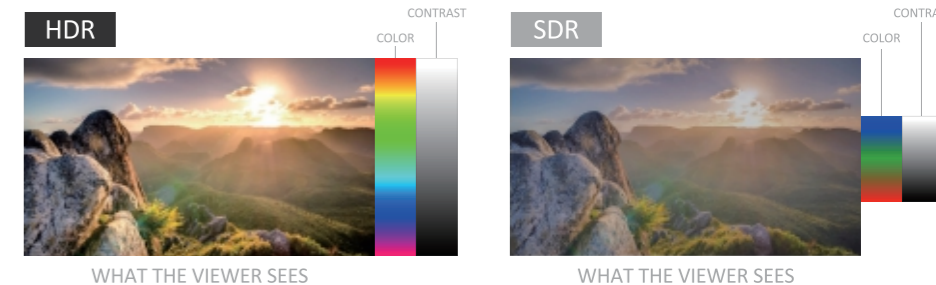
Quad View Mode

User can input upto 4 x 12G/6G/3G/HD/SD-SDI signals, also 3 x SDI signals and 1 x HDMI signal to quad view, it supports mixed SDI and HDMI inputs with different frequency flexibly.

4K BOX Control

The BOX Control function can flexibly set the height and width of the marker frame on the monitor, and can be adjusted up, down, left and right. Users can flexibly adjust according to the frame ratio, which brings great convenience to program production.
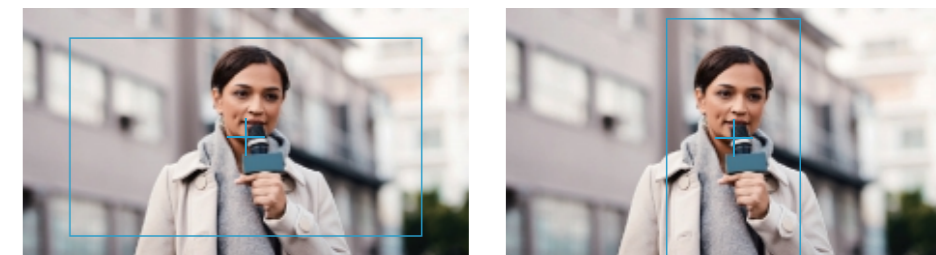
3D LUT files import

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

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.

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

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

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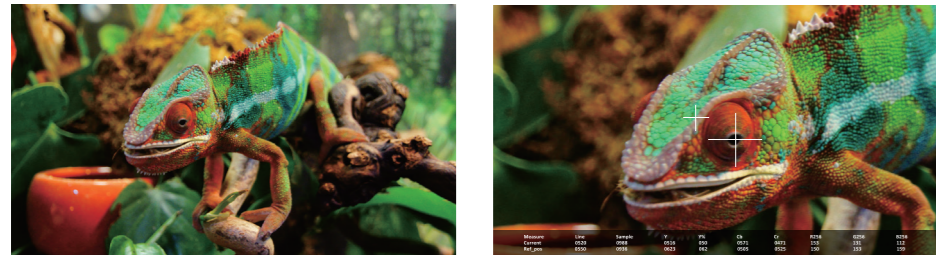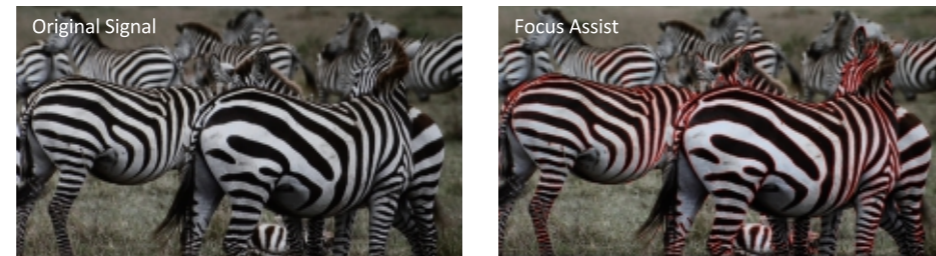
Konvision KUM 4K, 8K and KVM-6X series supports a variety of EOTF curve conversion applicable to the broadcast industry and digital film standard. A preset of lots of camera logs and gamma curve selections, so as to realize the perfect combination with the camera system.

SONY
camera

Input signals
S-Log1,S-Log2,S-Log3

Input signals
C-Log1,C-Log2,C-Log3

Canon
camera

ARRI
camera

Input signal
Log-C

Input signals
V-log/log(softroll)

Panasonic
camera

4K HDR Waveform (Alarm), Vectors

4K HDR Waveform. SDI and HDMI support Waveform, Vectorscope, Histogram. When luminance reaches or exceeds the preset value, the over exposure areas will be red marked (Waveform Alarm).

Waveform

Vectors
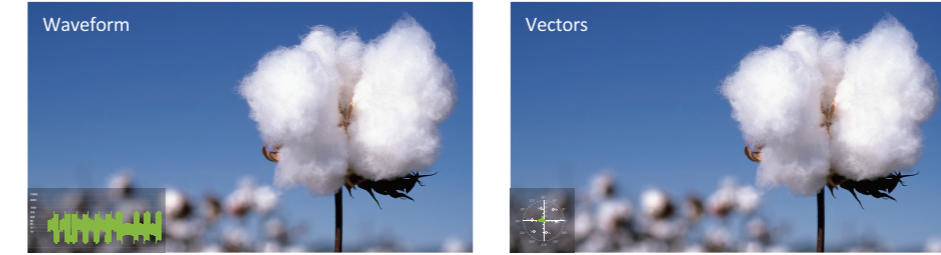
Picture Flip

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)
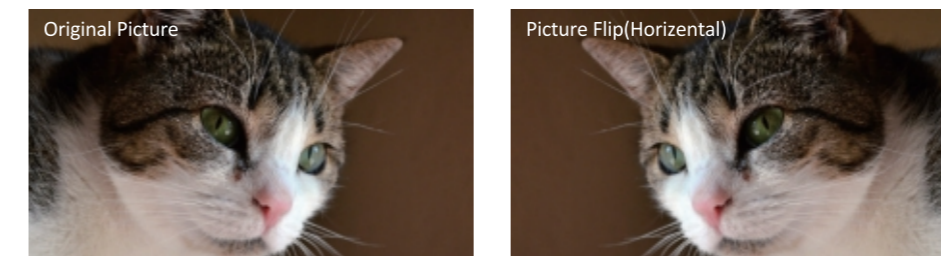
Darkness Check

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

Darkness Check OFF

Darkness Check ON
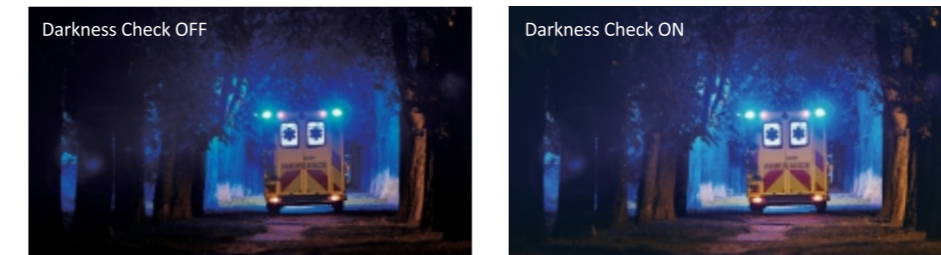
PIP & PBP

Images of two SDI signals manage to display on screen at the same time. It also 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)

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.

Various Markers

CC(Closed Caption), Markers, UMD, Audio Meter, Time Code.

TC:03:36:27:28

Time Code

Audio Level Meter

Safety Marker

Camera 1

UMD
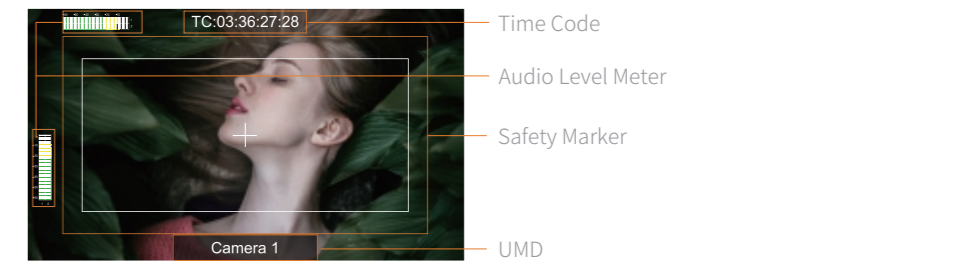
32" 4K / 8K OLED Monitor `OLED`

8K **8K Signal**
Up to 8192×4230 & 7680×4320

12G SDI **4×12G-SDI**
Support 8K/4K singal

Quad View Mode
4K/HD/SD mixed display

HDR **High Dynamic Range**
Support PQ & HLG

`OLED` **OLED Panel**
Contrast ratio: 1,000,000:1
Anti-Burn-In Technology

Unparalleled Black Level
0.0005 Nit black

Panel Lifespan
Up to 30000 hour

Color Gamut
＞99% DCI P3
＞80% BT 2020

OLED Monitor Unique features

Product description

32inch OLED 4K/8K HDR reference monitor with 12G-SDI inputs/outputs. Its color gamut can reach more than 99% of DCI-P3 and 80% of BT2020. With 1,000,000:1 ultra-high contrast ratio and 0.0005 nit truer, deeper black, it can reproduce incredible black details and can be used for up to 30,000 hours. It is a good choice for professional and high-quality 4K/8K color grading, post-production etc.

Unparalleled black level

Featuring a 1,000,000:1 contrast ratio with an absolute black of 0.0005 nit, OLED panel reproduces extreme black details, and brings a stunning experience.
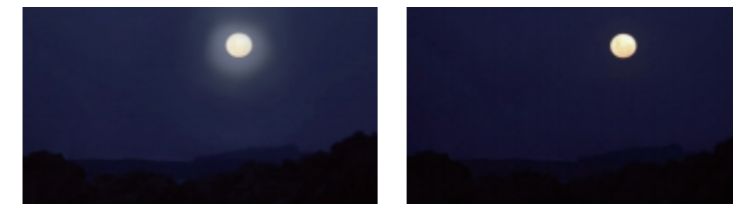
Anti-Burn-In Technology

Using technology that helps protect against burn-in to the panel, it greatly reduces the burn-in-image issue after long hours stay in the same image of the OLED monitors.

Burn-In Issue
Next frame

Anti-Burn-In Technology
Next frame

Specifications

|	KUM-3110S 4K		KUM-3120S 4K&8K	
Panel	OLED,99% P3		OLED,99% P3	
Display Size	31.5"		31.5"	
Resolution	3840×2160		3840×2160	
Aspect Ratio	16 : 9		16 : 9	
Viewing Angle	178° (H) / 178° (V)		178° (H) / 178° (V)	
Color Depth	1.07B		1.07B	
Brightness	540cd/m² (Peak Brightness)		540cd/m² (Peak Brightness)	
Contrast Ratio	1,000,000:1		1,000,000:1	
Input	2 x BNC	12G-SDI 1/2 signal inputs Auto-detected and compatible to 6G/3G/HD/SD-SDI	4 x BNC	12G-SDI 1/2/3/4 signal inputs Auto-detected and compatible to 6G/3G/HD/SD-SDI
	2 x BNC	3G-SDI 3/4 signal inputs Auto-detected and compatible to 3G/HD/SD-SDI		
	1 x SDI SFP	SDI SFP+ module optical input cage	1 x SDI SFP	SDI SFP+ module optical input cage
	1 x HDMI	HDMI 2.0 signal input	1 x HDMI	HDMI 2.0 signal input
Output	2 x BNC	12G-SDI 1/2 signal outputs Auto-detected and compatible to 6G/3G/HD/SD-SDI	4 x BNC	12G-SDI 1/2/3/4 signal outputs Auto-detected and compatible to 6G/3G/HD/SD-SDI
	2 x BNC	3G-SDI 3/4 signal outputs Auto-detected and compatible to 3G/HD/SD-SDI		
SDI Audio In	16 Channels SDI/2 Channels HDMI embedded audio		16 Channels SDI/2 Channels HDMI embedded audio	
Audio Meter Display	Vertical/Horizontal audio level meter display		Vertical/Horizontal audio level meter display	
Audio Headset Output	3.5mm headset jack		3.5mm headset jack	
Built-in Speaker	2.5W×2		2.5W×2	
Operating Temperature	-10° -50°		-10° -50°	
Power Consumption	100 W		100 W	
VESA Installation	VESA MIS-D (200×200mm)		VESA MIS-D (200×200mm)	
Accessory	Power Cord /Desktop stand		Power Cord /Desktop stand	

* Specifications may be changed without prior notice.

17"-65"

KUM SERIES 12G-SDI MONITOR
4K&8K HDR MONITOR

www.konvision.com

Product description

Konvision latest KUM series 4K&8K HDR monitors, equipped with 10-Bit LCD panel with high brightness, high contrast, wide color gamut and full viewing angle. The 12G-SDI quad-link 8K SDI signal supports 8192x4320 60P format. 4 channels of 12G-SDI video inputs and loop outputs (compatible with 6G/3G/HD/SD-SDI), HDMI 2.0 and SDI SPF+ optical module interface. The professional panel combines with professional 3D LUT color calibration management technology and high-precision algorithms ensure realistic picture quality, making 8K HDR series monitors an ideal product for 8K and 4K content production, live production and real-time image display.

Applications

4K&8K Post Production | Studio | OB Van | Control Room

Highlights

- 3840x2160 4K resolution
- Support 8K SDI signal 8192x4320 resolution
- 12 Bit Video Processing, image no delay
- 4 x12G-SDI inputs and outputs (6G/3G/HD/SD-SDI auto detect)
- 4K 12G-SDI single link signal, up to 4096 x 2160 60p
- 4K 12G-SDI quad link signal, up to 8192x4320 60p
- 4K/8K signal: 2 Sample Interleave (2SI), Square Division (SQD)
- 1 x HDMI 2.0 input, 1 x SDI SFP+ module optical input cage
- 4K Mode, Quad-Split Mode, FHD single picture mode
- 4 x SDI/HDMI Quad-View: mixed inputs & frequency rates
- Free Quad-View (boarder control/window adjustment)
- Payload ID display
- Color Space & EOTF Curves Auto Setting, matching(REC709/REC2020)
- Color Space (REC709/EBU/DCI-P3 D65/DCI-P3/REC2020/Bypass)
- HDR: PQ (ST2084), HLG (1.0, 1.1, 1.2, 1.3, 1.4, 1.5)
- Sony Camera Log Curves: Slog, Slog2, Slog3
- Canon Camera Log Curves: Clog, Clog2, Clog3

- ARRI Camera Log Curves: LogC
- Panasonic Camera Log Curves: Vlog, Vlog (Softroll)
- Gamma (2.0, 2.2, 2.4, 2.6)
- 4K HDR Waveform, Vector Scope, Marker/Box Control Function
- 3D LUT Color calibration with ColourSpace & CalMAN
- 3rd-party 3D LUT files import(USER1/USER2)
- S1-S8 Eight Selectable Scene Settings
- Picture Flip, Focus Assist, False Color, Zebra
- SDR and HDR comparison, Darkness Check
- Full Scan, Over Scan, Blue/Mono Only
- 16ch Embedded Audio Level Meters
- Dynamic and Static UMD/IMD Display (TSL3.1/4.0)
- 608/708 CC Closed Caption
- Key Lock, Video Freeze
- Firmware upgrade/LUT file import via USB/Ethernet
- GPI (selectable/markable windows)
- Aluminum Alloy Casing, Built-in Speaker

Signal/Audio Format

Input	
4 x BNC	12G-SDI 1/2/3/4 signal inputs (Auto-detected and compatible to 6G/3G/HD/SD-SDI)
1 x SDI SFP+	SDI SFP+ module optical input cage
1 x HDMI 2.0	HDMI 2.0 signal input
Output	
4 x BNC	12G-SDI 1/2/3/4 signal outputs (Auto-detected and compatible to 6G/3G/HD/SD-SDI)
SDI Format	
SMPTE ST 2081	2160p(60/59.94/50)
SMPTE ST 2082	2160p(30/29.97/25/24/23.98)
SMPTE-425M-A/B 4:2:2 YCbCr 10bit/12bit	1080p(60/59.94/50) 1080i(60/59.94/50) 1080p(30/29.97/25/24/23.98/30sF/29.97sF) 1080p(25sF/24sF/23.98sF)
SMPTE-425M-A/B 4:4:4 YCbCr/RGB 10bit/12bit	1080i(60/59.94/50) 1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF) 1080p(24sF/23.98sF) 720p(60/59.94/50/30/29.97/25/24/23.98)
SMPTE-274M	1080i(60/59.94/50) 1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF) 1080p(24sF/23.98sF)
SMPTE-296M	720p(60/59.94/50/30/29.97/25/24/23.98)
SMPTE-260M	1035i(69/59.94)
SMPTE-125M	480i(59.94)
ITU-R BT.656	576i(50)
Audio In /Out	
SDI 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

* Specifications may be changed without prior notice.

KUM SERIES 4K&8K HDR MONITOR / SPECIFICATIONS

	KUM-1720Q	KUM-2420Q	KUM-2720Q	KUM-3120Q	KUM-4320Q	KUM-5520Q	KUM-6520Q
Panel	LCD	LCD	LCD	LCD	LCD	LCD	LCD
Display Size	17.3"	24"	27"	31.5"	43"	55"	65"
Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9
Viewing Angle	178° (H) / 178° (V)	178° (H) / 178° (V)	178° (H) / 178° (V)	178° (H) / 178° (V)	178° (H) / 178° (V)	178° (H) / 178° (V)	178° (H) / 178° (V)
Color Depth	16.7M	1.07B	1.07B	1.07B	1.06B	1.07B	1.07B
Brightness	400 cd/m²	540 cd/m²	350 cd/m²	350 cd/m²	350 cd/m²	500 cd/m²	400 cd/m²
Contrast Ratio	1000:1	1000:1	1000:1	1000:1	1000:1	1100:1	1400:1
Input Voltage	DC 12V AC 100-240V 50/60Hz	DC 12V AC 100-240V 50/60Hz	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz
Operating Temperature	-10° ~ 50°	-10° ~ 50°	-10° ~ 50°	-10° ~ 50°	-10° ~ 50°	-10° ~ 50°	-10° ~ 50°
Power Consumption	50W	70W	63W	90W	100W	170W	180W
VESA Installation	VESA MIS-D (100 X 100mm)	VESA MIS-D (100 X 100mm)	VESA MIS-D (100 X 100mm)	VESA MIS-D (200 X 200mm)	VESA MIS-D (200 X 200mm)	VESA MIS-D (200 X 200mm)	VESA MIS-D (200 X 200mm)
Accessory	Power Cord /Desktop stand	Power Cord /Desktop stand	Power Cord /Desktop stand	Power Cord /Desktop stand	Power Cord	Power Cord	Power Cord

KUM SERIES 4K&8K HDR REFERENCE MONITOR / SPECIFICATIONS

	KUM-2720QD	KUM-3120H	KUM-3120S
Panel	LCD,98% P3	LCD	OLED
Display Size	27"	31.5"	31.5"
Resolution	3840 x 2160	3840 x 2160	3840 x 2160
Aspect Ratio	16:9	16:9	16:9
Viewing Angle	178° (H) / 178° (V)	178° (H) / 178° (V)	178° (H) / 178° (V)
Color Depth	1.07B	1.07B	1.07B
Brightness	1000 cd/m²	1000 cd/m²	540 cd/m² (Peak Brightness)
Contrast Ratio	1400:1	1000:1	1000000:1
Input Voltage	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz
Operating Temperature	-10° ~ 50°	-10° ~ 50°	-10° ~ 50°
Power Consumption	120W	140W	100W
VESA Installation	VESA MIS-D(100 X 100mm)	VESA MIS-D(200 X 200mm)	VESA MIS-D(200 X 200mm)
Accessory	Power Cord /Desktop stand	Power Cord /Desktop stand	Power Cord /Desktop stand

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Konvision

KUM SERIES 12G-SDI MONITOR
4K HDR MONITOR

www.konvision.com

Product description

Designed for 4K production workßow, Konvision 4K HDR monitor offers Unparalleled 4K HDR picture quality and industry-leading color reproduction technology. Equipped with 2x12G/6G/3G/HD/SD-SDI inputs and outputs, it is ideal for studio, color grading, high-end Þlm production, post production.

Applications

4K Post Production | Studio | OB Van | Control Room

4K	12G SDI	HDR	BT.2020									
4K	12G-SDI	HDR	BT.2020	Waveform	Vector scope	Focus Assist	Audio Meter	False Color	Zebra	TSL UMD	GPI	

Highlights

- 3840 x 2160 4K resolution
- 12 Bit Video Processing, image no delay
- 2 x 12G-SDI inputs and outputs (6G/3G/HD/SD-SDI auto detect)
- 2 x 3G/HD/SD-SDI inputs and outputs
- 4K 12G-SDI single link signal, up to 4096 x 2160 60p
- 4K signal: 2 Sample Interleave (2SI), Square Division (SQD)
- 1 x HDMI 2.0 input, 1 x SDI SFP+ module optical input cage
- 4K Mode, Quad-Split Mode, FHD single picture mode
- 4 x SDI/HDMI Quad-View: mixed inputs & frequency rates
- Free Quad-View (boarder control/window adjustment)
- Payload ID display
- Color Space & EOTF Curves Auto Setting, matching(REC709/REC2020)
- Color Space (REC709/EBU/DCI-P3 D65/DCI-P3/REC2020/Bypass)
- HDR: PQ (ST2084), HLG (1.0, 1.1, 1.2, 1.3, 1.4, 1.5)
- Sony Camera Log Curves: Slog, Slog2, Slog3
- Canon Camera Log Curves: Clog, Clog2, Clog3
- ARRI Camera Log Curves: LogC

- Panasonic Camera Log Curves: Vlog, Vlog (softroll)
- Gamma (2.0, 2.2, 2.4, 2.6)
- 4K HDR Waveform, Vector Scope, Marker/Box Control Function
- 3D LUT Color calibration with ColourSpace & CalMAN
- 3rd-party 3D LUT files import(USER1/USER2)
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- Dynamic and Static UMD/IMD Display (TSL3.1/4.0)
- 608/708 CC Closed Caption
- Key Lock, Video Freeze
- Firmware upgrade/LUT file import via USB/Ethernet
- GPI (selectable/markable windows)
- Aluminum Alloy Casing
- Built-in Speaker

Signal/Audio Format

Input	
2 x BNC	12G-SDI 1/2 signal inputs (Auto-detected and compatible to 6G/3G/HD/SD-SDI)
2 x BNC	3G-SDI 3/4 signal inputs (Auto-detected and compatible to 3G/HD/SD-SDI)
1 x SDI SFP+	SDI SFP+ module optical input cage
1x HDMI 2.0	HDMI 2.0 signal input
Output	
2 x BNC	12G-SDI 1/2 signal outputs (Auto-detected and compatible to 6G/3G/HD/SD-SDI)
2 x BNC	3G-SDI 3/4 signal outputs (Auto-detected and compatible to 3G/HD/SD-SDI)
SDI Format	
SMPTE ST 2081	2160p(60/59.94/50)
SMPTE ST 2082	2160p(30/29.97/25/24/23.98)
SMPTE-425M-A/B 4:2:2 YCbCr 10bit/12bit	1080p(60/59.94/50) 1080i(60/59.94/50) 1080p(30/29.97/25/24/23.98/30sF/29.97sF) 1080p(25sF/24sF/23.98sF)
SMPTE-425M-A/B 4:4:4 YCbCr/RGB 10bit/12bit	1080i(60/59.94/50) 1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF) 1080p(24sF/23.98sF) 720p(60/59.94/50/30/29.97/25/24/23.98)
SMPTE-274M	1080i(60/59.94/50) 1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF) 1080p(24sF/23.98sF)
SMPTE-296M	720p(60/59.94/50/30/29.97/25/24/23.98)
SMPTE-260M	1035i(69/59.94)
SMPTE-125M	480i(59.94)
ITU-R BT.656	576i(50)
Audio In /Out	
SDI 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

* Specifications may be changed without prior notice.

KUM SERIES 4K HDR MONITOR / SPECIFICATIONS

	KUM-1710W	KUM-2410W	KUM-2710W	KUM-3110W	KUM-4310W	KUM-5510W	KUM-6510W
Panel	LCD	LCD	LCD	LCD	LCD	LCD	LCD
Display Size	17.3"	24"	27"	31.5"	43"	55"	65"
Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9
Viewing Angle	178° (H) / 178° (V)	178° (H) / 178° (V)	178° (H) / 178° (V)	178° (H) / 178° (V)	178° (H) / 178° (V)	178° (H) / 178° (V)	178° (H) / 178° (V)
Color Depth	16.7M	1.07B	1.07B	1.07B	1.06B	1.07B	1.07B
Brightness	400 cd/m²	540 cd/m²	350 cd/m²	350 cd/m²	350 cd/m²	500 cd/m²	400 cd/m²
Contrast Ratio	1000:1	1000:1	1000:1	1000:1	1000:1	1100:1	1400:1
Input Voltage	DC 12V AC 100-240V 50/60Hz	DC 12V AC 100-240V 50/60Hz	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz
Operating Temperature	-10° ~ 50°	-10° ~ 50°	-10° ~ 50°	-10° ~ 50°	-10° ~ 50°	-10° ~ 50°	-10° ~ 50°
Power Consumption	50W	70W	63W	90W	100W	170W	180W
VESA Installation	VESA MIS-D (100 X 100mm)	VESA MIS-D (100 X 100mm)	VESA MIS-D (100 X 100mm)	VESA MIS-D (200 X 200mm)	VESA MIS-D (200 X 200mm)	VESA MIS-D (200 X 200mm)	VESA MIS-D (200 X 200mm)
Accessory	Power Cord /Desktop stand	Power Cord /Desktop stand	Power Cord /Desktop stand	Power Cord /Desktop stand	Power Cord	Power Cord	Power Cord

KUM SERIES 4K HDR REFERENCE MONITOR / SPECIFICATIONS

	KUM-2710D	KUM-3110H	KUM-3110S
Panel	LCD,98% P3	LCD	OLED
Display Size	27"	31.5"	31.5"
Resolution	3840 x 2160	3840 x 2160	3840 x 2160
Aspect Ratio	16:9	16:9	16:9
Viewing Angle	178° (H) / 178° (V)	178° (H) / 178° (V)	178° (H) / 178° (V)
Color Depth	1.07B	1.07B	1.07B
Brightness	1000 cd/m²	1000 cd/m²	540 cd/m² (Peak Brightness)
Contrast Ratio	1400:1	1000:1	1000000:1
Input Voltage	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz
Operating Temperature	-10° ~ 50°	-10° ~ 50°	-10° ~ 50°
Power Consumption	120W	140W	100W
VESA Installation	VESA MIS-D(100 X 100mm)	VESA MIS-D(200 X 200mm)	VESA MIS-D(200 X 200mm)
Accessory	Power Cord /Desktop stand	Power Cord /Desktop stand	Power Cord /Desktop stand

* SpeciÞcations may be changed without prior notice.

17"-24"

KVM SERIES 3G-SDI MONITOR

HDR REFERENCE MONITOR

www.konvision.com

Product description

KVM-6X series 17"-24" FHD monitors, integrated 3D LUT color calibration technology, support user importing LUT files into monitor, with different color space such as REC709, DCI-P3, EBU,Rec 2020 and User etc various selections. KVM-6X series monitors specially supported HDR preview function, provided with PIP/PBP, Waveform, Vector, Pixel Measurement, Fast Mode and other features, it is suitable for high-end broadcasting, color grading and post production applications.

Applications

Post Production | OB Truck | Studio | Control Room | Color Grading

| 2K | 3G SDI | Waveform | Vector scope | Histogram | Pixel Measure | Audio Phase | Audio Meter | False Color | Zebra | TSL UMD |

Highlights

- 1920x1080/1200 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-D input,1x HDMI input, 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, Darkness check
- 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 conЬguration and Key Lock function
- Built-in AC in and DC in power supply

- 3D LUT Color calibration with Colourspace & CalMAN
- Color space: REC709/EBU/DCI-P3 D65/DCI-P3/REC2020
- Color space: USER1/USER2/Bypass
- Support user 3D LUT files import
- Various Gamma selection: Gamma 2.0, 2.2, 2.4, 2.6
- Sony Camera Log Curves: Slog, Slog2, Slog3
- Canon Camera Log Curves: Clog, Clog2, Clog3
- ARRI Camera Log Curves: LogC
- Panasonic Camera Log Curves: Vlog, Vlog(softroll)
- 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

Signal/Audio Format

Input	
2 x BNC	SDI 1/2 signal inputs (Auto-detected and compatible to 3G/HD/SD-SDI)
3 x BNC	YPbPr/ Video/ Y/C signal inputs
1 x HDMI	HDMI input
1 x DVI-I	DVI/VGA input

Output	
2 x BNC	SDI 1/2 signal outputs (Auto-detected and compatible to 3G/HD/SD-SDI)
3 x BNC	YPbPr/ Video/ Y/C signal outputs

SDI Format	
SMPTE-425M-A/B 4:2:2 YCbCr 10bit/12bit	1080p(60/59.94/50) 1080i(60/59.94/50) 1080p(30/29.97/25/24/23.98/30sF/29.97sF) 1080p(25sF/24sF/23.98sF)
SMPTE-425M-A/B 4:4:4 YCbCr/RGB 10bit/12bit	1080i(60/59.94/50) 1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF) 1080p(24sF/23.98sF) 720p(60/59.94/50/30/29.97/25/24/23.98)
SMPTE-274M	1080i(60/59.94/50) 1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF) 1080p(24sF/23.98sF)
SMPTE-296M	720p(60/59.94/50/30/29.97/25/24/23.98)
SMPTE-260M	1035i(69/59.94)
SMPTE-125M	480i(59.94)
ITU-R BT.656	576i(50)

Audio In /Out	
SDI 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

* Specifications may be changed without prior notice.

KVM SERIES HDR REFERENCE MONITOR / SPECIFICATIONS

	KVM-2260W	KVM-2360W	KVM-2460W	KVM-2461W
Panel	LCD	LCD	LCD	LCD
Display Size	21.5"	23"	24"	24"
Resolution	1920 x 1080	1920 x 1080	1920 x 1200	1920 x 1080
Aspect Ratio	16:9	16:9	16:10	16:9
Viewing Angle	178° (H) / 178° (V)	178° (H) / 178° (V)	178° (H) / 178° (V)	178° (H) / 178° (V)
Color Depth	16.7M	16.7M	1.07B	16.7M
Brightness	250cd/m²	250cd/m²	350cd/m²	250cd/m²
Contrast Ratio	1000:1	1000:1	1000:1	1000:1
Input Voltage	DC 12V & AC 100-240V 50/60Hz	DC 12V & AC 100-240V 50/60Hz	DC 12V & AC 100-240V 50/60Hz	DC 12V & AC 100-240V 50/60Hz
Operating Temperature	-10° ~ 50°	-10° ~ 50°	-10° ~ 50°	-10° ~ 50°
Power Consumption	42W	37W	45W	37W
VESA Installation	VESA MIS-D(100 X 100mm)	VESA MIS-D(100 X 100mm)	VESA MIS-D(100 X 100mm)	VESA MIS-D(100 X 100mm)
Accessory	Power Cord /Desktop stand	Power Cord /Desktop stand	Power Cord /Desktop stand	Power Cord /Desktop stand

KVM SERIES HDR GRADE ONE MONITOR / SPECIFICATIONS

	KVM-1760D
Panel	LCD, 98% P3
Display Size	16.5"
Resolution	1920 x 1080
Aspect Ratio	16:9
Viewing Angle	178° (H) / 178° (V)
Color Depth	1.07B
Brightness	450cd/m²
Contrast Ratio	1500:1
Input Voltage	DC 12V & AC 100-240V 50/60Hz
Operating Temperature	-10° ~ 50°
Power Consumption	34W
VESA Installation	VESA MIS-D(100 X 100mm)
Accessory	Power Cord /Desktop stand

* Specifications may be changed without prior notice.

Konvision

KVM SERIES **3G-SDI** MONITOR

FHD BROADCAST MONITOR

www.konvision.com

Product description

Konvision KVM-5X series monitors are equipped with horizontal/Vertical 178˚(H) / 178˚(V) wide viewing angle with full HD resolution IPS panel, support 2K/3Gbs 4:4:4 12Bit signals with excellent color calibration in the factory. All SDI and HDMI signals support waveform, vectors and unique pixel measurement, audio phase and more other features. KVM-5X series monitors are applicable for various kinds of professional broadcasting applications.

Applications

Post Production | OB Truck | Studio | MCR

2K · 3G-SDI · Waveform · Vector scope · Histogram · Pixel Measure · Audio Phase · Audio Meter · False Color · Zebra · TSL UMD

Highlights

- 1920x1080/1200 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-D input,1x HDMI input, 1x composite video input
- Part Zoom IN , Darkness check , False Color, Zebra
- 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), Time Code Display

- 3D LUT Color calibration with Colourspace & 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
- LED Tally Light and On-screen Tally display
- F-key conﬁguration and Key Lock function
- Built-in AC in and DC in power supply

Signal/Audio Format

Input	
2 x BNC	SDI 1/2 signal inputs (Auto-detected and compatible to 3G/HD/SD-SDI)
3 x BNC	YPbPr/ Video/ Y/C signal inputs
1 x HDMI	HDMI input
1 x DVI-I	DVI/VGA input
Output	
2 x BNC	SDI 1/2 signal outputs (Auto-detected and compatible to 3G/HD/SD-SDI)
3 x BNC	YPbPr/ Video/ Y/C signal outputs
SDI Format	
SMPTE ST 2081	2160p(60/59.94/50)
SMPTE ST 2082	2160p(30/29.97/25/24/23.98)
SMPTE-425M-A/B 4:2:2 YCbCr 10bit/12bit	1080p(60/59.94/50) 1080i(60/59.94/50) 1080p(30/29.97/25/24/23.98/30sF/29.97sF) 1080p(25sF/24sF/23.98sF)
SMPTE-425M-A/B 4:4:4 YCbCr/RGB 10bit/12bit	1080i(60/59.94/50) 1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF) 1080p(24sF/23.98sF) 720p(60/59.94/50/30/29.97/25/24/23.98)
SMPTE-274M	1080i(60/59.94/50)
	1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF) 1080p(24sF/23.98sF)
SMPTE-296M	720p(60/59.94/50/30/29.97/25/24/23.98)
SMPTE-260M	1035i(69/59.94)
SMPTE-125M	480i(59.94)
ITU-R BT.656	576i(50)
Audio In /Out	
SDI 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

* Specifications may be changed without prior notice.

KVM SERIES FULL HD BROADCAST MONITOR ① / SPECIFICATIONS

	KVM-1951W	KVM-2250W
Panel	LCD	LCD
Display Size	18.5"	21.5"
Resolution	1920 x 1080	1920 x 1080
Aspect Ratio	16:9	16:9
Viewing Angle	178° (H) / 178° (V)	178° (H) / 178° (V)
Color Depth	16.7M	16.7M
Brightness	350 cd/m²	250 cd/m²
Contrast Ratio	1000:1	1000:1
Input Voltage	DC 12V & AC 100-240V 50/60Hz	DC 12V & AC 100-240V 50/60Hz
Operating Temperature	-10° ~ 50°	-10° ~ 50°
Power Consumption	26W	42W
VESA Installation	VESA MIS-D(100 X 100mm)	VESA MIS-D(100 X 100mm)
Accessory	Power Cord /Desktop stand	Power Cord /Desktop stand

KVM SERIES FULL HD BROADCAST MONITOR ② / SPECIFICATIONS

	KVM-2350W	KVM-2450W	KVM-2451W
Panel	LCD	LCD	LCD
Display Size	23"	24"	24"
Resolution	1920 x 1080	1920 x 1200	1920 x 1080
Aspect Ratio	16:9	16:10	16:9
Viewing Angle	178° (H) / 178° (V)	178° (H) / 178° (V)	178° (H) / 178° (V)
Color Depth	16.7M	1.07B	16.7M
Brightness	250cd/m²	350cd/m²	250cd/m²
Contrast Ratio	1000:1	1000:1	1000:1
Input Voltage	DC 12V & AC 100-240V 50/60Hz	DC 12V & AC 100-240V 50/60Hz	DC 12V & AC 100-240V 50/60Hz
Operating Temperature	-10° ~ 50°	-10° ~ 50°	-10° ~ 50°
Power Consumption	37W	45W	37W
VESA Installation	VESA MIS-D(100 X 100mm)	VESA MIS-D(100 X 100mm)	VESA MIS-D(100 X 100mm)
Accessory	Power Cord /Desktop stand	Power Cord /Desktop stand	Power Cord /Desktop stand

* Specifications may be changed without prior notice.

17"

KFM SERIES 12G&3G-SDI MONITOR

8K/4K/2K DRAWER MONITOR

www.konvision.com

Applications

Studio | Live Broadcasting | EFP | OB Van

4K	12G SDI	2K	3G SDI	BT.2020							UMD
4K	12G-SDI	2K	3G-SDI	BT.2020	Waveform	Vector scope	Histogram	Audio Meter	False Color	Zebra	TSL UMD

Product description

1RU 8K/4K/FHD 17" pull-out drawer LCD monitor, offers excellent picture quality. With its fold-able frame and pull-out drawer, the monitor occupies just 1RU space when it's housed. Build-in 12G/3G SDI inputs/outputs, supporting waveform, vectors, audio meter display. 1RU compact design makes 17" monitor perfect studio monitors for news rooms, control rooms and post production houses etc.

4K&8K Highlights

- 3840x2160 4K resolution, FULL-VIEW IPS LCD Panel
- 4 x 12G-SDI inputs/outputs (6G/3G/HD/SD-SDI auto detect) (KFM-1720U)
- 2 x 12G-SDI inputs/outputs (6G/3G/HD/SD-SDI auto detect) (KFM-1710U)
- 4K 12G-SDI single link signal, up to 4096 x 2160 60p
- 4K 12G-SDI quad link signal, up to 8192x4320 60p
- 4K/8K signal: 2 Sample Interleave (2SI), Square Division (SQD)
- 1 x HDMI 2.0 input, 1 x SDI SFP+ module optical input cage
- 4K Mode, Quad-Split Mode, FHD single picture mode
- 4 x SDI/HDMI Quad-View: mixed inputs & frequency rates
- Color Space & EOTF Curves Auto Setting, matching(REC709/REC2020)
- Color Space (REC709/EBU/DCI-P3 D65/DCI-P3/REC2020/Bypass)
- HDR: PQ (ST2084), HLG (1.0, 1.1, 1.2, 1.3, 1.4, 1.5)
- Sony Camera Log Curves: Slog, Slog2, Slog3
- Canon Camera Log Curves: Clog, Clog2, Clog3
- ARRI Camera Log Curves: LogC
- Panasonic Camera Log Curves: Vlog, Vlog (softroll)
- Gamma (2.0, 2.2, 2.4, 2.6)

2K Highlights

- 1920x1080 resolution
- 2x2K/3G-SDI inputs/outputs(2K/3G/HD/SD-SDI auto detect)
- 1xDVI input compatible with HDMI/VGA, 1x composite video input
- HDR: PQ (ST2084), HLG (1.0, 1.1, 1.2, 1.3, 1.4, 1.5) (KFM-1760D)
- Color space: REC709/EBU/DCI-P3 D65/DCI-P3/REC2020/USER1/USER2/Bypass (KFM-1760D)
- Part Zoom In, Darkness Check
- 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
- Built-in AC in and DC in power supply (KFM-1760D)

KFM SERIES FULL HD DRAWER MONITOR / SPECIFICATIONS

	KFM-1753W	KFM-1760D Grade One
Panel	LCD	LCD, 98% P3
Display Size	17.3"	16.5"
Resolution	1920 x 1080	1920 x 1080
Aspect Ratio	16:9	16:9
Viewing Angle	178° (H) / 178° (V)	178° (H) / 178° (V)
Color Depth	16.7M	1.07B
Brightness	300cd/m²	450cd/m²
Contrast Ratio	700:1	1500:1
Input Voltage	DC 12V	DC 12V & AC 100-240V 50/60Hz
Operating Temperature	-10° ~ 50°	-10° ~ 50°
Power Consumption	26W	34W
VESA Installation	1U	1U
Accessory	Power Cord	Power Cord

· FULL HD DRAWER MONITOR SIGNAL INPUT/OUTPUT

Input	
2 x BNC	SDI 1/2 signal inputs (Auto-detected and compatible to 3G/HD/SD-SDI)
1 x BNC	Composite Video
1 x DVI-1	DVI signal input
Output	
2 x BNC	SDI 1/2 signal outputs (Auto-detected and compatible to 3G/HD/SD-SDI)

KFM SERIES 4K&8K DRAWER MONITOR / SPECIFICATIONS

	KFM-1710U 4K	KFM-1720U 8K
Panel	LCD	LCD
Display Size	17.3"	17.3"
Resolution	3840 x 2160	3840 x 2160
Aspect Ratio	16:9	16:9
Viewing Angle	178° (H) / 178° (V)	178° (H) / 178° (V)
Color Depth	16.7M	16.7M
Brightness	400cd/m²	400cd/m²
Contrast Ratio	1000:1	1000:1
Input Voltage	DC 12V	DC 12V
Operating Temperature	-10° ~ 50°	-10° ~ 50°
Power Consumption	50W	50W
VESA Installation	1U	1U
Accessory	Power Cord	Power Cord

· 4K DRAWER MONITOR SIGNAL INPUT/OUTPUT

Input	
2 x BNC	12G-SDI 1/2 signal inputs (Auto-detected and compatible to 6G/3G/HD/SD-SDI)
2 x BNC	3G-SDI 3/4 signal inputs (Auto-detected and compatible to 3G/HD/SD-SDI)
1 x SDI SFP+	SDI SFP+ module optical input cage
1x HDMI 2.0	HDMI 2.0 signal input
Output	
2 x BNC	12G-SDI 1/2 signal outputs (Auto-detected and compatible to 6G/3G/HD/SD-SDI)
2 x BNC	3G-SDI 3/4 signal outputs (Auto-detected and compatible to 3G/HD/SD-SDI)

· 8K DRAWER MONITOR SIGNAL INPUT/OUTPUT

Input	
4 x BNC	12G-SDI 1/2/3/4 signal inputs (Auto-detected and compatible to 6G/3G/HD/SD-SDI)
1 x SDI SFP+	SDI SFP+ module optical input cage
1 x HDMI 2.0	HDMI 2.0 signal input
Output	
4 x BNC	12G-SDI 1/2/3/4 signal outputs (Auto-detected and compatible to 6G/3G/HD/SD-SDI)

4"-9"

Specifications

GENERAL (Each Screen)

Model Number	KRM-404A	KRM-503A	KRM-802A	KRM-902A
LCD Panel	LCD	LCD	LCD	LCD
Display Size	4 x 4.2"	3 x 5.5"	2 x 8"	2 x 9"
Resolution	1280 x 768	1920 x 1080	1920 x 1200	1920 x 1200
Aspect Ratio	16:10	16:9	16:10	16:10
Viewing Angle	160° (H)/160° (V)	160° (H)/160° (V)	160° (H)/160° (V)	170° (H)/170° (V)
Color Depth	16.7M	16.7M	16.7M	16.7M
Brightness	500cd/m²	300cd/m²	290 cd/m²	500cd/m²
Contrast Ratio	1000:1	1000:1	900:1	800:1
Input Voltage	DC 12V	DC 12V	DC 12V&AC 100-240V 50/60Hz	
Operating Temperature	-10° ~ 50°	-10° ~ 50°	-10° ~ 50°	-10° ~ 50°
Power Consumption	40W	34W	25W	26W
19" EIA Rack	2U	2U	3U	4U
Accessory	Power Cord & Rackmount Brackets			

INPUT (Each Screen)

1 x BNC	SDI Input (Auto-detected and compatible to 3G/HD/SD-SDI)
1 x BNC	Analog Video input(share with SDI BNC)
1 x HDMI	HDMI Input

OUTPUT (Each Screen)

1 x BNC	SDI Output (Auto-detected and compatible to 3G/HD/SD-SDI)

SDI Format (Each Screen)

SMPTE-425M-A/B	4:2:2 YCbCr 10bit/12bit [1080p(60/59.94/50);1080i(60/59.94/50) 1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)]
	4:4:4 YCbCr/RGB 10bit/12bit [1080i(60/59.94/50);1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF);720P(60/59.94/50/30/29.97/25/24/23.98)]
SMPTE-274M	1080i(60/59.94/50)
	1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)
SMPTE-296M	720p(60/59.94/50/30/29.97/25/24/23.98)
SMPTE-260M	1035i(69/59.94)
SMPTE-125M	480i(59.94)
ITU-R BT.656	576i(50)

AUDIO IN / OUT

SDI Audio In	8 Channels SDI/2 Channels HDMI embedded audio			
Audio Meter Display	Vertical/Horizontal audio level meter display			
Audio Headset Output	3.5mm headset jack	/	3.5mm headset jack	3.5mm headset jack
Built-in Speaker	/	/	2.5W×2	2.5W×2

* Specifications may be changed without prior notice.

Product description

Konvision FHD multiple rackmount monitors apply 3D LUT color calibration, each panel is equipped with SDI, composite Video and HDMI interface, supporting waveform, vectors and embedded audio meter. 2RU-4RU compact design makes the monitor be perfect for OB trucks and studios.

Applications

Studio | Live Broadcasting | EFP | OB VAN

2K 3G SDI Waveform Vector scope Histogram Audio Meter TSL UMD
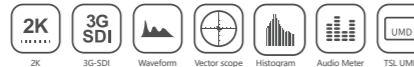
Highlights

- 1920 FHD resolution, IPS LCD panel
- 1x3G/HD-SDI in and out for each panel；1xHDMI input for each panel
- Speaker, Analog Stereo Input；SDI embedded Audio MeterTime Code；UMD
- GPI remote control；Ethernet；LED TALL tally；3D LUT color calibrated；
- Waveform, Vectors, Audio Meter；Color Temperature
- Scan,Various Markers；Blue Only/Mono；Aluminum Alloy Casing
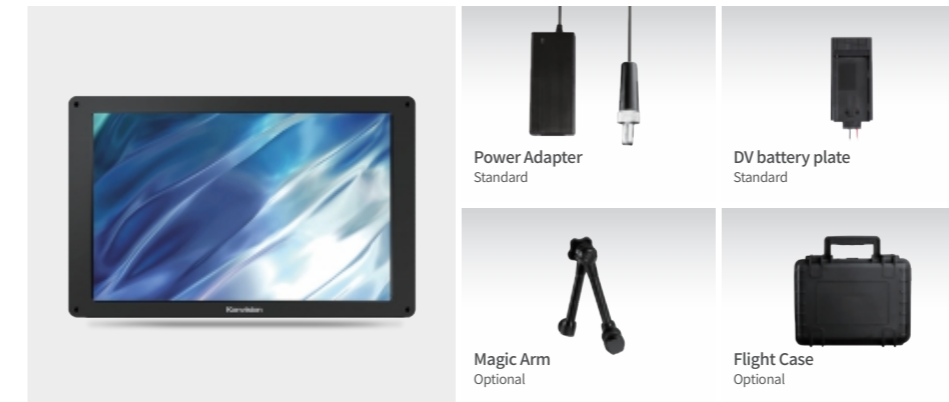- Built-in DC& AC in power supply for dual rackmount monitor

8"

Power Adapter Standard

DV battery plate Standard

Magic Arm Optional

Flight Case Optional

Product description

8" portable broadcast monitor adopts metal casing design, super slim and light weight,camera mounting on all sides, combined with replaceable battery plates.Built-in waveform, vectorscope, histogram and other broadcast features makes it a nice choice for professional shooting, broadcast and production applications.

Applications

Outside Shooting| Live Broadcast | Live Production | Studio

2K FHD 3G SDI Waveform Focus Assist False Color Zebra

Highlights

- 8 inch 1920x1200 resolution, H/V 160° /160° wide viewing angle
- 2 x 3G/HD/SD-SDI inputs, 1 x 3G/HD/SD-SDI output, 1 x HDMI input & output
- HDR: PQ (ST2084), HLG (1.0, 1.1, 1.2, 1.3, 1.4, 1.5)
- Color Space (REC709/ EBU/ DCI-P3 D65/ DCI-P3/ REC2020/Bypass/ User1/ User2)
- Various Gamma selection: Gamma 2.0, 2.2, 2.4, 2.6
- Waveform, False Color, Focus Assist, Zebra
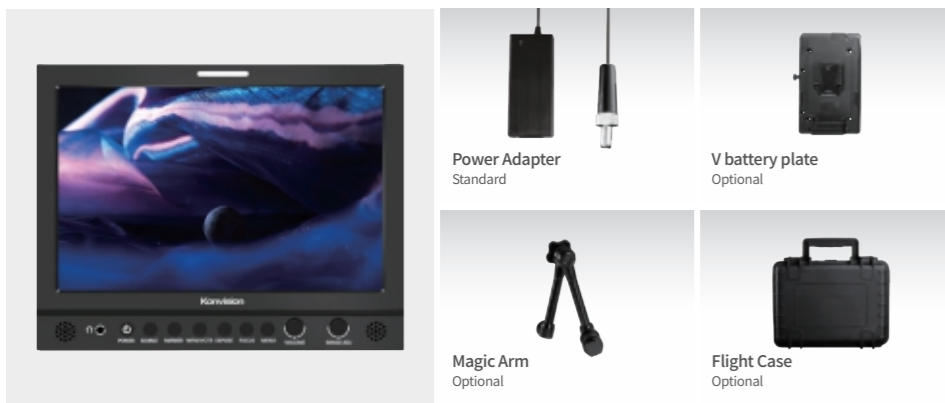- 16CH SDI & 2CH HDMI embedded audio

Specifications

GENERAL

Model Number	KVM-0861W
LCD Panel	LCD
Display Size	8"
Resolution	1920 x 1200
Aspect Ratio	16:10
Viewing Angle	160° (H) / 160° (V)
Color Depth	16.7M
Brightness	290cd/m²
Contrast Ratio	900:1
Input Voltage	DC 8.4 ~ 16.8V
Operating Temperature	-10° ~ 50°
Power Consumption	18W
Accessory	Power Adapter

INPUT

2 x BNC	SDI1/2 Channel Input (3G/HD/SD-SDI Auto-Detected)
1 x BNC	Video input(share BNC with SDI 1)
1 x HDMI	HDMI Input

OUTPUT

1 x BNC	SDI Output (3G/HD/SD-SDI Auto-Detected)
1x HDMI	HDMI Output

SDI Format

SMPTE-425M-A/B	4:2:2 YCbCr 10bit/12bit [1080p(60/59.94/50);1080i(60/59.94/50) 1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)]
	4:4:4 YCbCr/RGB 10bit/12bit [1080i(60/59.94/50);1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF);720p(60/59.94/50/30/29.97/25/24/23.98)]
SMPTE-274M	1080i(60/59.94/50)
	1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)
SMPTE-296M	720p(60/59.94/50/30/29.97/25/24/23.98)
SMPTE-260M	1035i(69/59.94)
SMPTE-125M	480i(59.94)
ITU-R BT.656	576i(50)

AUDIO IN / OUT

SDI 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	2.0W×1

* Specifications may be changed without prior notice.

Konvision

9" — KVM SERIES 3G-SDI MONITOR
FHD PORTABLE MONITOR

www.konvision.com

Power Adapter Standard
V battery plate Optional
Magic Arm Optional
Flight Case Optional

Product description

KVM-0960W, a portable 9inch monitor with 1920x1200 FHD resolution. Integrated 3D LUT color calibration technology, HDR supports PQ & HLG. Built-in waveform, false color, focus assist etc features, makes it a nice choice for shooting and more applications.

Applications

Outside Shooting| Live Broadcast | Live Production | Studio

2K | FHD | 3G-SDI | Waveform | Focus Assist | False Color | Zebra

Highlights

- 9 inch 1920x1200 resolution, H/V 170° /170° wide viewing angle
- 2 x 3G/HD/SD-SDI inputs, 1 x 3G/HD/SD-SDI output, 1 x HDMI input & output
- HDR: PQ (ST2084), HLG (1.0, 1.1, 1.2, 1.3, 1.4, 1.5)
- Color Space (REC709/ EBU/ DCI-P3 D65/ DCI-P3/ REC2020/Bypass/ User1/ User2)
- Various Gamma selection: Gamma 2.0, 2.2, 2.4, 2.6
- Waveform, False Color, Focus Assist, Zebra
- 3.5mm headset jack, Tally Indicator

Specifications

GENERAL

Model Number	KVM-0960W
LCD Panel	LCD
Display Size	9"
Resolution	1920 x 1200
Aspect Ratio	16:10
Viewing Angle	170° (H) / 170° (V)
Color Depth	16.7M
Brightness	450 cd/m²
Contrast Ratio	800:1
Input Voltage	DC 8.4 ~ 16.8V
Operating Temperature	-10° ~ 50°
Power Consumption	18W
Accessory	Power Adapter

INPUT

2 x BNC	SDI1/2 Channel Input (3G/HD/SD-SDI Auto-Detected)
1 x BNC	Video input(share BNC with SDI 1)
1 x HDMI	HDMI Input

OUTPUT

1 x BNC	SDI Output (3G/HD/SD-SDI Auto-Detected)
1 x HDMI	HDMI Output

SDI Format

SMPTE-425M-A/B	4:2:2 YCbCr 10bit/12bit [1080p(60/59.94/50);1080i(60/59.94/50) 1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)] 4:4:4 YCbCr/RGB 10bit/12bit [1080i(60/59.94/50);1080p(30/29.97/25/24/23.9 8/30sF/29.97sF/25sF/24sF/23.98sF);720p(60/59.94/50/30/29.97/25/24/23.98)]
SMPTE-274M	1080i(60/59.94/50) 1080p(30/29.97/25/24/23.98/30sF/29.97sF/25sF/24sF/23.98sF)
SMPTE-296M	720p(60/59.94/50/30/29.97/25/24/23.98)
SMPTE-260M	1035i(69/59.94)
SMPTE-125M	480i(59.94)
ITU-R BT.656	576i(50)

AUDIO IN / OUT

SDI 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	2.0W×2

* Specifications may be changed without prior notice.

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32"-55" — KVM SERIES 3G-SDI MONITOR
FHD LARGE SCREEN MONITOR

www.konvision.com

Product description

Konvision large screen monitors, it is 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 enable two signals to be displayed on screen at the same time. Super slim design offers excellent solutions for studio, broadcast, video wall as well as high-end video.

Applications

Integrated Media Command Centers | Studios | Video Conferences | Education Training | OB Van

2K | 3G-SDI | Waveform | Vector scope | Histogram | Pixel Measure | Audio Meter | False Color | Zebra | TSL UMD

INPUT

INPUT

2 x BNC	SDI 1/2 Channel Inputs (3G/HD/SD-SDI Auto-Detected)
1 x BNC	Video
1 x DVI-I	DVI/HDMI/VGA Input

OUTPUT

2 x BNC	SDI 1/2 Channel Outputs (3G/HD/SD-SDI Auto-Detected)

Highlights

- 12 Bit Video Processing, image no delay, 2 x 2K/3G/HD/SD-SDI signal inputs and outputs
- 3G-SDI 4:4:4 12bit signals (SMPTE 425M A/B), 1 x DVI-I input,compatible with HDMI/VGA input
- 1 x Video, 3D LUT Color calibration on with LightSpace & CalMAN
- PBP/PIP(size/position adjustable); Waveform,Vectorscope for SDI1&SDI2, HDMI & DVI
- Pixel Measurement and Audio Phase; Black Lift,Picture Flip,Focus Assist; False Color,Zebra
- Part Zoom In;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), Time Code Display
- LED Tally Light and On-screen Tally display)
- Signal alarm function (no signal, black field, still frame, no audio); Fast Mode,Key Lock function
- 32 inch and 42 inch optional buttons on the front or back

Specifications

	KVM-3250W	KVM-4250W	KVM-5550W
Panel	LCD	LCD	LCD
Display Size	32"	42.5"	55"
Resolution	1920 x 1080	1920 x 1080	1920 x 1080
Aspect Ratio	16:9	16:9	16:9
Viewing Angle	178° (H) / 178° (V)	178° (H) / 178° (V)	178° (H) / 178° (V)
Color Depth	16.7M	16.7M	1.07B
Brightness	360cd/m²	450cd/m²	500cd/m²
Contrast Ratio	1400:1	1100:1	1300:1
Input Voltage	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz	AC 100-240V 50/60Hz
Operating Temperature	-10° ~ 50°	-10° ~ 50°	-10° ~ 50°
Power Consumption	80W	115W	130W
VESA Installation	VESA MIS-D (200 X 200mm)	VESA MIS-D (200 X 200mm)	VESA MIS-D (200 X 200mm)
Accessory	Power Cord & Desktop stand	Power Cord	Power Cord

* Specifications may be changed without prior notice.

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PRODUCT SHOW