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Monitor Brochure

Mini-LED / QD-OLED Mastering Monitors
ST2110 / NDI IP Monitors • Recording Monitors



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ABOUT KONVISION

Founded in 2009, Konvision has grown into an integrated manufacturer of professional monitors, specializing in R&D, manufacturing, sales, service, and focusing on the professional imaging field. Our monitor lineup includes broadcast monitors, medical monitors, recording monitors, IP monitors, and more, which are widely utilized across industries including broadcast & television, film & television production, healthcare, and professional audiovisual systems.

16+

16 Years of R&D / Production Experience

120+

Export to 120+ Countries and Regions

10000+

10,000+ Film & Broadcast Users

Konvision has established a comprehensive quality management system, certified by ISO 9001 (Quality), ISO 14001 (Environmental), and ISO 45001 (Occupational Health and Safety). Our products have undergone rigorous testing by authoritative bodies for safety and electromagnetic compatibility (EMC), obtaining 3C, CE (EU), FCC (US), and RoHS certifications. Our products are exported to over 120 countries and regions, serving more than 10,000 professional users worldwide.



Konvision bridges the gap between technological leadership and user-centric design. By continuously pushing boundaries in color management, image processing, and video codecs, we have secured an extensive portfolio of patents. In 2023, Konvision was invited to co-author the Technical requirements and measurement methods for UHD TV video monitors in program production and broadcasting, contributing our expertise to the high-quality evolution of the industry.

Signal Stability

FPGA-based Embedded Architecture
12-bit Video Processing Engine

Color Precision

Proprietary 3D LUT Tetrahedral Interpolation
Precision Color Reproduction

Precision Dimming

Industry-Leading Local Dimming Algorithm
and Dynamic Contrast Calibration

IP Hybrid

Supports ST 2110/NDI/RTMP and
IP Remote Transmission Technologies

GLOBAL PARTNERS

www.konvision.com



Trusted by countless users, Konvision is the go-to choice for major broadcasters and top studios, including Warner Bros and Disney.

Win-win Cooperation



CORE TECHNOLOGIES

Color Management

Rigorous Factory Calibration

Each unit undergoes rigorous factory calibration using high-precision CR-300 spectroradiometers and K10-A colorimeters. Featuring 0.3nm spectral wavelength precision and 0.00006 nit black level accuracy, we ensure master-ing-grade color fidelity with $\Delta E \leq 1$ even under high luminance and wide color gamut condition. Supports industry-leading color management software: Calman and ColourSpace.



$\Delta E \leq 1$ Cinema-Grade Color Accuracy

Proprietary Color Management

Utilizing our proprietary 3D LUT Tetrahedral Interpolation algorithm, we achieve precise control over grayscale levels , ensuring seamless tonal transitions between adjacent colors. We provide consistent, accurate color reproduction for film, media, and broadcast production.



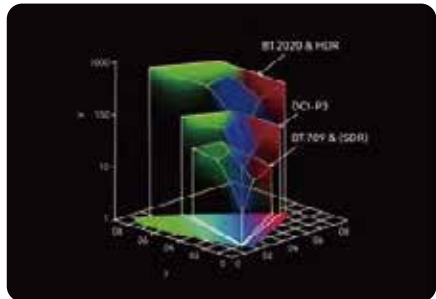
Smooth Grayscale Control



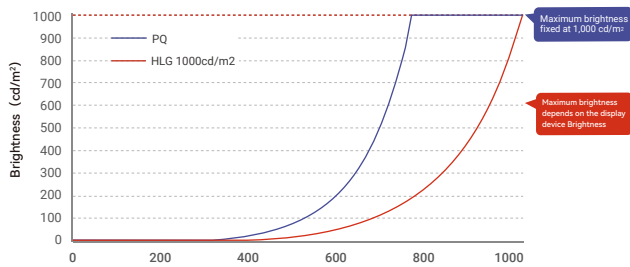
3D LUT Tetrahedral Interpolation Algorithm

Faithful Color Reproduction

Strict adherence to international standards including ITU-R BT.709 (HDTV), DCI-P3 (Digital Cinema), and support for BT.2020 (UHDTV). Featuring wider HDR color gamut volume with Gamma 2.0-2.6 and comprehensive HDR EOTF support.



Supports Multiple Color Gamut Standards

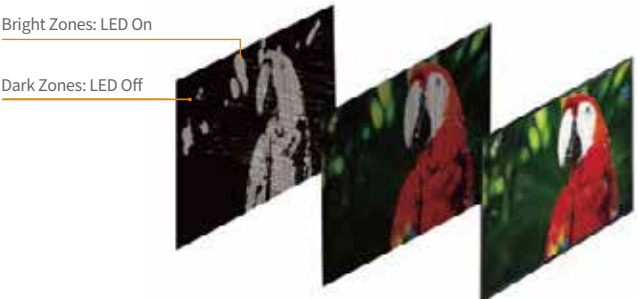


Supports HDR Gamma

Image Quality

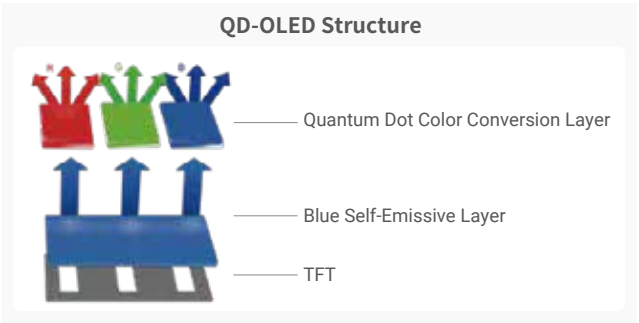
Mini-LED Local Dimming Technology

The backlight is divided into high-density zones of microscopic LEDs. Konvision's proprietary local dimming algorithm delivers reference-grade performance with sustained high luminance and precise shadow details.



QD-OLED Self-Emissive Pixels

Pixel-Level dimming provides deeper blacks and better color accuracy.



Dynamic Contrast | Breaking Traditional LCD Contrast Limits

Proprietary image analysis algorithms overcome the contrast limitations of traditional LCDs in HDR high-brightness states, enabling LCD monitors to achieve nearreference-grade contrast level.



Storage & Codecs

Apple ProRes

Supports Apple ProRes codecs, providing industry-standard high-specification recording formats suitable for various production workflows.

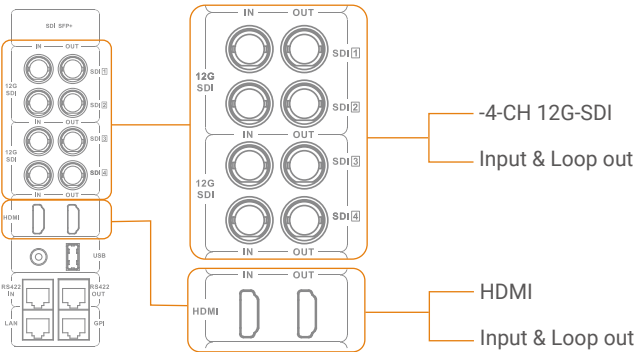
H.264 All-I

Supports H.264 Advanced Video Coding, recording in 4:2:2 10-bit with All-Intra compression, widely used in cinematography, post-production, and broadcasting.

Signal Processing

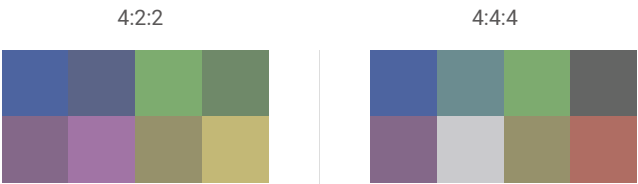
12G-SDI / HDMI / Fiber Interfaces

Equipped with 4K/8K 60P input capability. Versatile interfaces cater to diverse indoor and remote production environments.



High-Specification Sampling

Supports YUV/RGB, 4:2:2/4:4:4, 10/12-bit high-end signal processing, meeting the most stringent requirements for color grading and VFX.



Low Latency / Versatile Conversion

Image display and transmission latency is less than 1 frame. SFP/HDMI to SDI cross-conversion and 4K to 2K down-conversion capabilities.

IP Integration

ST2110 10/25GbE

Supports 10/25GbE SMPTE ST 2110 protocols. Features 4K IP stream to SDI/HDMI conversion, compatible with hybrid baseband and IP-based production environments.

NDI NDI6 | HX

Supports High Bandwidth NDI and NDI|HX/HX3. Features 4K IP stream to SDI/HDMI conversion, catering to lightweight IP converged media platforms.

RTMP/SRT Network Streaming

Supports streaming encoding technology, ideal for web-based live media and remote contribution workflows.

4K HDR Recording Monitor Series

Konvision offers 5.5" and 7" on-camera monitors equipped with 12G-SDI and HDMI 2.0 interfaces. Supporting 4K 60P signals and HDR display, they pair perfectly with various cameras to deliver exceptional image quality. Recording is available in 4:2:2 10-bit Apple ProRes / H.264 All-I formats with SDI/HDMI cross-conversion. Select models feature 1GbE Ethernet for RTMP/SRT streaming, while 10GbE models support ST 2110 IP stream conversion up to 4K 60P.



New

4K HDR
On-camera Monitor N5 5.5"



New

4K HDR
On-camera Monitor N5-10G 5.5"



New

4K HDR
Recording Monitor A7S 7"



New

Dual Rackmount
Recording Monitor A7S2 7"



Product Introduction

The 5.5" 4K HDR on-camera Monitors(Models N5 and N5-10G) integrates monitoring, recording, signal conversion, and network streaming into a single unit. It features faithful color reproduction and supports official Log pipelines for major camera brands. Supporting HDR display and 3D LUT loading/output, it enables H.264 All-I/GOP continuous recording, providing a lightweight and efficient solution for cinematography, broadcast, and content creation. The N5-10G features a 10GbE interface with SMPTE ST 2110 support, offering a cost-effective VoIP solution.



1700nits High Brightness | Accurate HDR Color Reproduction

The N5 series features a 1700nits daylight readable screen, ensuring clear images even in outdoor environments. Each screen undergoes rigorous factory calibration, paired with Konvision's proprietary color management algorithms to ensure accurate HDR color reproduction.



12G-SDI & HDMI2.0 Cross-Conversion | 4K To 2K Down-Conversion

Cross-conversion between 12G-SDI and HDMI 2.0 allows computer signals or HDMI cameras to interface with SDI equipment for extended transmission. Supports 4K input to 2K down-converted output for broader compatibility.



Comprehensive Monitoring Tools | Intuitive Touchscreen UI

Equipped with professional Scopes (Waveform/Vectorscope/Histogram), Exposure tools (Zebra/False Color/Mono only), and Framing tools (Zoom/Aspect Markers/Anamorphic/Freeze). Intuitive touch control for instant access, with customizable parameters and a personalized shortcut toolbar.

Comprehensive Tools:

HDR Waveform

Vectorscope

Histogram

Focus Assist

Zebra

False Color

Anamorphic

Frame Guide

Grid

Mirror

Freeze

2x/4x Zoom

Precision Color Reproduction:

Professional Color Management Workflow

Supports Multi-Brand Color Pipelines

LOG

Supports User Calibration

Preset Log Color Pipelines | Supports HDR Monitoring

When receiving Log signals, the monitor utilizes preset official Log-to-HDR/SDR conversion pipelines for major camera brands to display correct gamma and saturation. This allows users to confirm exposure settings accurately before recording.

Supports Official Log pipelines for the following brands:

• Canon

• Nikon

• DJI

• Fujifilm

• Olympus

• Sony

• Arri

• Red

• Leica

• Panasonic



User 3D LUT Loading & Output | Convenient Previsualization

Supports user-loadable 3D LUTs(up to 33-point) for convenient previsualization of graded images. 3D LUTs can be applied to outputs (up to 4K 60P) via video interfaces, acting as a real-time DIT hardware color management tool for Director's monitors or calibrating computer displays, TVs, projectors, and LED walls.



Camera Control | Efficient Collaborative Adjustments

Supports communication with cameras via USB-C. The monitor features a built-in UI for adjusting camera parameters, allowing intuitive touch-based control and monitoring. Features Touch-to-Focus for precise exposure and focus tracking.

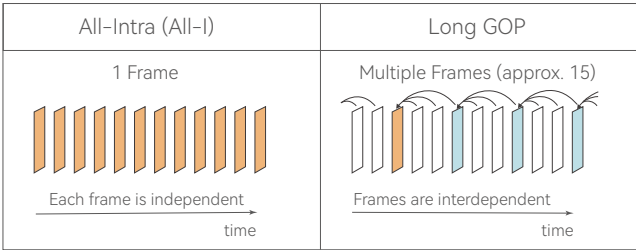
Currently supports camera control for selected models from:

- Canon
- Sony



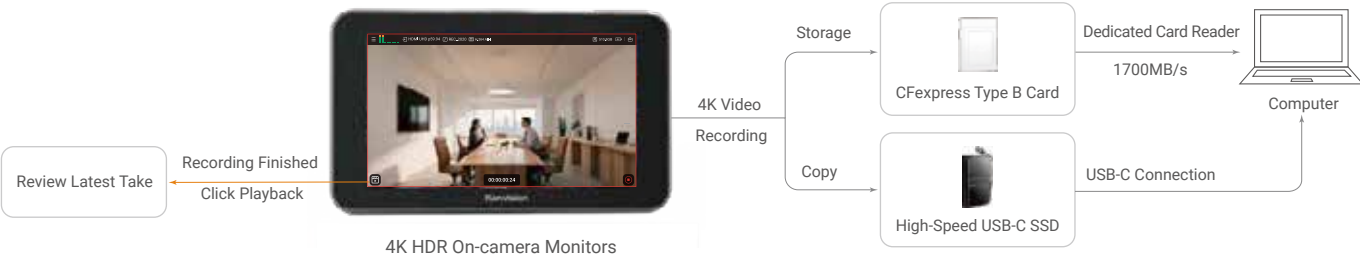
H.264 All-I 4:2:2 10-bit Professional File Formats

Supports recording original input signals up to 4K 60P into broadcast-grade 4:2:2 10-bit professional formats. Utilizing H.264 All-Intra (All-I) compression with bitrates up to 600 Mb/s, it strikes a perfect balance between visually lossless quality and optimized file size. Widely compatible with NLE software and broadcast playout systems. Supports 3.5mm stereo input embedded into 8-channel audio recording.



Record to CFexpress Type B | High-Speed USB-C SSDs

Supports industry-standard CFexpress Type B cards and high-speed USB-C SSDs for 4K video recording with sustained read/write speeds up to 1700 MB/s. Recorded footage can be efficiently offloaded to computer or internally backed up to the SSD from the monitor via USB-C cable. Features instant playback capability—click the playback button to immediately review the latest take.



N5 Supports Mobile Switching | Fast Sharing for Web Production

Multiple Sources | Transition Effects & Graphic Overlays

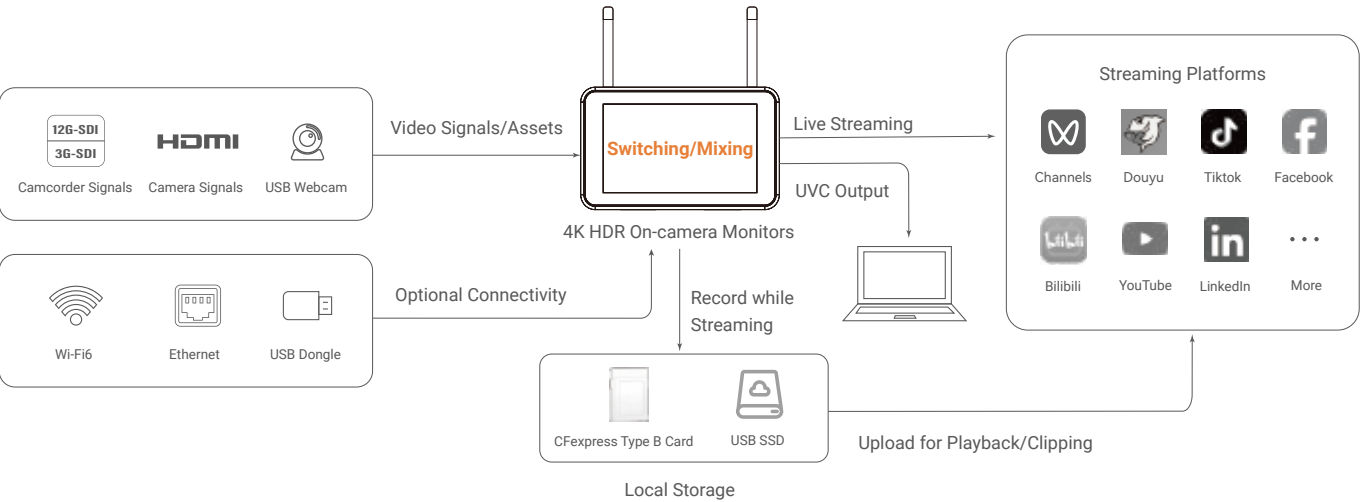
Supports simultaneous capture of SDI/HDMI 4K 60P signals and one 1080p 60 USB webcam signal. In Switcher Mode, input signals and recorded/stored files act as multi-camera sources with transition effects. Supports PiP (Picture-in-Picture) and alpha-channel graphic overlays for logos or stickers. Features PGM/PVW windows and an integrated audio mixer for channel-level control and "Audio Follow Video" switching.

Wireless & Ethernet Streaming | Supports UVC Capture Output

Supports connection via Wi-Fi, USB 4G/5G dongles, and Ethernet. Utilizing RTMP/SRT protocols, it streams up to 1080p 60 directly to two platforms simultaneously. Supports UVC output for seamless integration into computer-based streaming software for enhanced effects and platform expansion.

Simultaneous Streaming & Recording | Fast Sharing & VOD

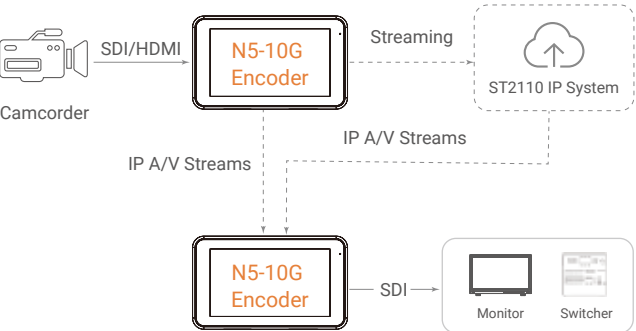
Set bitrates up to 20 Mb/s based on network conditions. Supports local recording during live streaming for immediate VOD uploads or highlight clipping after the broadcast.



N5-10G Supports 10G Ethernet ST 2110 Production | Ideal for Cost-Effective IP System

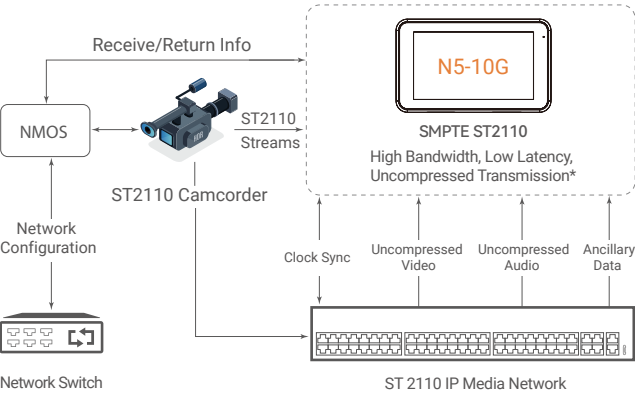
ST 2110 & 12G-SDI Cross-Conversion

Equipped with a 10GbE interface, the N5-10G can convert 12G-SDI/HDMI 2.0 inputs into SMPTE ST 2110 IP streams for IP systems, or receive IP streams for display and SDI output conversion. Supports point-to-point IP transmission between two N5-10G units, handling up to 4K 60P 4:2:2 10-bit video and 16-channel audio.



ST 2110 Compliant | NMOS Support

Full support for SMPTE ST 2110-10/20/30/40 protocols for transmitting video, audio, and ancillary data over IP networks with PTP (Precision Time Protocol) synchronization. Supports NMOS IS-04 (Discovery & Registration) and NMOS IS-05 (Connection Management) for remote control.



* Uncompressed Formats: 2160p (50/59.94/60), 1080p (50/59.94/60), 1080i (50/59.94/60); Uncompressed up to 2160P50; Visually lossless encoding for 2160P60/59.94.

7" 4K HDR Recording Monitor



Product Introduction

The A7S is equipped with 12G-SDI and HDMI input/output interfaces, ensuring broad compatibility with professional video cameras, mirrorless cameras, and DSLRs. Its 1500nits IPS touchscreen supports HDR (HLG & PQ) monitoring and features professional assist tools, including anamorphic desqueeze and 4K HDR waveform, to facilitate precise exposure, focus, and composition adjustments, enabling high-quality content creation. With support for the Apple ProRes codec, the device captures up to 4K60P 4:2:2 10 bit video, delivering exceptional detail and fidelity in every frame.



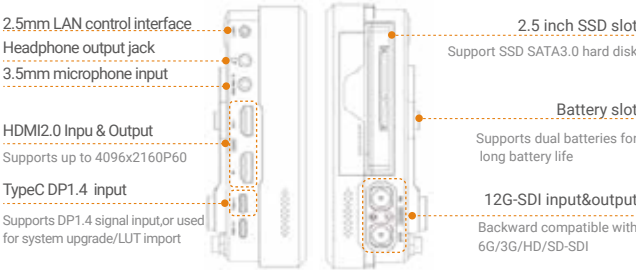
Accurate HDR Color Reproduction

The A7S features a 1500nits high-brightness screen, ensuring a clear picture even when working outdoors. The screen is rigorously calibrated before leaving the factory, combined with Konvision's proprietary color management algorithm, guaranteeing accurate color reproduction display under HDR.



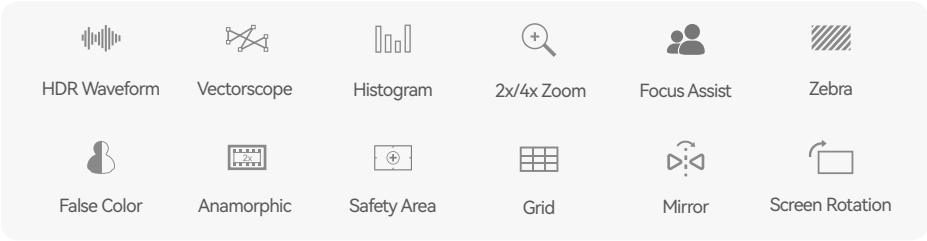
Rich External Interfaces

The A7S has one 12G-SDI input and output interface and one HDMI2.0 input and output interface, plus one USB-C DP1.4 input interface, supporting video signals up to 4K60P. It also features a 3.5mm microphone input and headphone output interface, a 2.5mm LANC control interface, and supports a standard 2.5" SATA 3.0 hard drive slot.



Comprehensive Monitoring Tools

Equipped with professional waveform, vectorscope, histogram, and other scopes. Exposure tools like zebra, false color, Blue/Mono only. Composition tools such as Zoom, aspect ratio markers, safe area marker, focus assist, anamorphic desqueeze, freeze frame. Sensitive touch control provides quick access. All tools allow custom parameter adjustments and can be added to the shortcut toolbar as needed.



A7S Recoding Monitor

Upload Custom 3D LUTs for Stylized Preview

Supports users uploading up to 6 custom 3D LUTs (supports up to 33-point cube format) for convenient viewing of pre-graded looks.



Professional Recording

Records broadcast-quality video up to 4K60P 4:2:2 10-bit in Apple ProRes format, supporting HQ/422/LT/Proxy formats. Recorded files meet production mastering requirements. After on-site recording, footage can be directly delivered to various broadcast players. Apple ProRes is widely compatible with mainstream non-linear editing (NLE) software, ensuring an efficient and versatile post-production workflow.

4K60P	Apple ProRes	HQ/422/LT/Proxy	SATA SSD
Recording	Codec	Recording Format	Storage Method



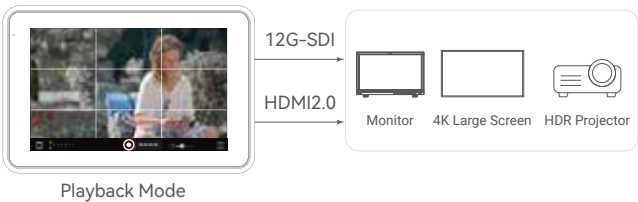
Efficient Format Conversion

12G-SDI and HDMI2.0 feature input/output cross-conversion functionality. USB-C DP1.4 input can also be converted to SDI output, allowing computer images or any HDMI camera feed to be connected to SDI devices, extending transmission distance. Supports down-conversion of 4K input signals to 2K for output, ensuring compatibility across more environments.



High-Quality Master Playback

In playback mode, the A7S provides 2 channels of 12G-SDI and 1 channel of HDMI2.0 output interfaces, serving as a master playback source for live production systems. Media files support fast forward/rewind, frame-by-frame search, single clip loop, in/out point loop, and playlist loop playback.



Durable Design with Active Cooling and Versatile Power Supply

The panel is protected by durable, scratch-resistant tempered glass, providing long-term resistance against scratches and cracks. The monitor features a high-strength metal chassis for enhanced structural integrity. An integrated active cooling fan ensures efficient heat dissipation even under sustained high-brightness operation. Power is delivered via dual NP-F battery slots and a locking DC input, enabling simultaneous power supply and hot-swapping during extended recording sessions—ensuring uninterrupted operation until the storage media is full.



7" Dual Rackmount Recording Monitor



Product Introduction

The A7S2 features dual 7-inch IPS panel, each delivering 1500nits of brightness and supporting HDR (HLG & PQ) monitoring. Each screen supports independent Apple ProRes recording, enabling dual-camera capture, and is equipped with dual-drive storage. Designed for a wide range of live production environments, including sporting events, cultural performances, and conferences. It addresses diverse application needs such as on-set monitoring and master backup recording, delivering high-quality video output and reliable high-specification footage redundancy.



Accurate HDR Color Reproduction

The A7S2 features a 1500nits high brightness screen,delivering clear images even in outdoor working environments.Each screen is strictly calibrated before shipment and works in tandem with Konvision's proprietary color management algorithm to ensure accurate color reproduction in HDR.



12G-SDI & Professional Analog Audio

Each screen is equipped with 4x 12G-SDI inputs with loop-through, and 1x HDMI 2.0 input with loop-through, supporting switching between different input sources and up to quad-link 8K60P signal. Additionally, two XLR analog balanced audio inputs and outputs are provided for recording high-quality, high-fidelity audio.



12G-SDI|HDMI 2.0 Input & Output Settings

2x XLR Analog Audio input&Output Settings

Automatic Multi-Camera Alignment

Each screen features genlock and timecode input/output interfaces, enabling frame-accurate synchronization. When multiple recording monitors are cascaded, synchronized recording can be triggered via timecode. The recorded files on each screen will have a unified timecode, allowing multi-camera files to be automatically aligned during post-production, significantly improving editing efficiency.

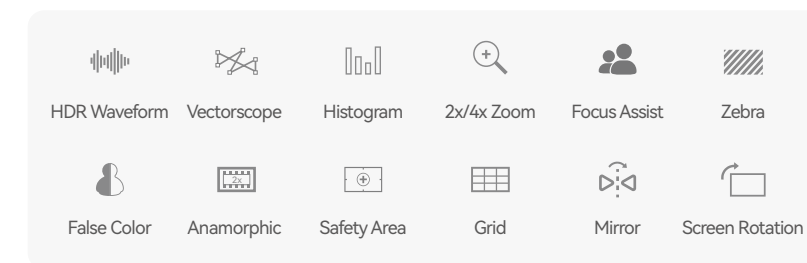


A7S2 Monitor - Screen 1

A7S2 Monitor - Screen 2

Comprehensive Monitoring Tools

Equipped with professional waveform, vectorscope, histogram, and other scopes. Exposure tools like zebra, false color, Blue/Mono only. Composition tools such as Zoom, aspect ratio markers, safe area marker, focus assist, anamorphic desqueeze, freeze frame. Sensitive touch control provides quick access. All tools allow custom parameter adjustments and can be added to the shortcut toolbar as needed.



Innovative Joystick Design

Physical buttons allow quick control of Record/Stop, Play/Pause, Previous/Next Clip. Screen selection buttons help lock the screen for operation/settings, or allow simultaneous settings changes on both screens. Touch, knobs, and joystick can all be used for menu operation. The innovative joystick design provides a smooth variable-speed search experience during playback.



Professional Recording

Each screen can record broadcast-quality video up to 4K60P 4:2:2 10-bit in Apple ProRes format, supporting HQ/422/LT/Proxy formats. Recorded files meet production mastering requirements. After on-site recording, footage can be directly delivered to various broadcast players. Apple ProRes is widely compatible with mainstream non-linear editing (NLE) software, ensuring an efficient and versatile post-production workflow.



Dual Drive Slots for Uninterrupted Recording

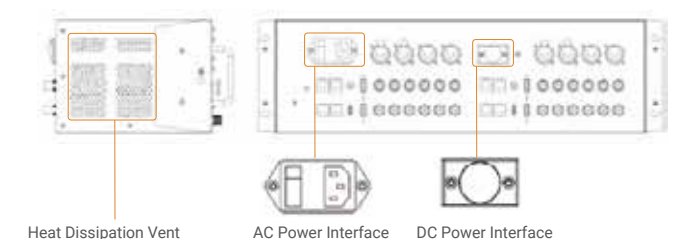
Each screen is equipped with dual 2.5" SATA 3.0 SSD slots, supporting backup recording and relay recording. When recording, files can be saved to both drives simultaneously, or automatically continue recording to the second drive when the first is full. Supports hot-swapping drives during recording, enabling long-duration, uninterrupted recording.



Single screen with dual drive slots, supports backup recording and alternating recording.

Durable Design with Active Cooling and Versatile Power Supply

The panel applies durable scratch-resistant tempered glass, ensuring resistance to scratches or cracks during long-term use. The monitor is encased in a high-strength metal body. It has a built-in active cooling fan for efficient heat dissipation even at high brightness. The body features dual NP-F battery slots and a locking DC power interface, supporting simultaneous power supply and hot-swapping for batteries during long recordings, ensuring redundant power throughout until the hard drive is full.



4K/8K HDR

Professional Monitor Series

Konvision 4K/8K HDR professional monitors are UHD monitoring displays designed specifically for scenarios like broadcasting, film & television production, events, conferences, and industrial control. Featuring multiple Konvision patented technologies, equipped with interfaces like 12G-SDI, HDMI2.0, SFP, they offer reference grade HDR image display and various signal conversion capabilities, reproducing vivid, brilliant, true-to-life colors. Equipped with multiple professional image analysis tools, they provide a consistent multi-reference performance for image quality assessment in studios, command centers, post-production, and master control rooms.



4K/8K HDR QD-OLED
Mastering Monitors



4K/8K HDR Mini-LED
Mastering Monitors



4K/8K HDR ST2110
IP Monitors



4K/8K HDR
NDI Monitors



4K/8K
L/P Production Monitor



4K/8K HDR
Monitors



4K/8K HDR
Wall-Mount Monitors

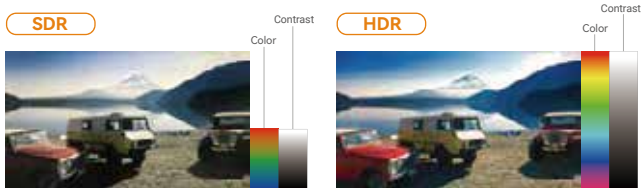


12G-SDI 4K
Multiple Rackmount Monitors

MAIN FEATURES

High Dynamic Range(HDR)

Supports High Dynamic Range (HDR) monitoring, offering standard Hybrid Log-Gamma (HLG) and Perceptual Quantization (PQ) functions, displaying deeper contrast and smoother color transitions, shaping image depth.



HDR EOTF: HLG (1.03/1.11/1.16/1.20/1.27/1.33)、ST2084 PQ/PQ (softroll)

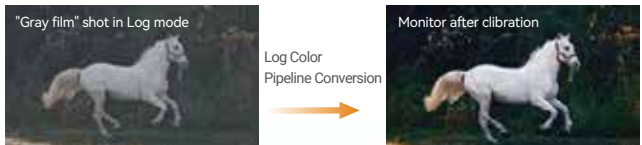
Payload ID Auto Detect

The monitor can detect VPID information embedded in the SDI signal and automatically matches the corresponding color space and EOTF based on the recognized data. When multiple signals are input, manual configuration is not required, improving efficiency and reducing errors, ensuring color consistency.



Log Color Pipeline for Efficient Exposure

Shooting in Log preserves a high dynamic range of highlight and shadow information. The monitor can recognize the Log color pipelines of various major camera brands and intelligently map them to standard color spaces and EOTFs. This provides a standard color during monitoring while ensuring flexibility for post-production color grading.



Supports the following camera Log color pipelines:

- Arri Wide Gamut 3/LogC3
- Arri Wide Gamut 4/LogC4
- Canon Cinema Gamut/Canon Log2/3
- DJI D-Gamut/D-Log
- Panasonic V-Gamut/V-Log
- Sony S-Gamut/S-Log2
- Sony S-Gamut3/S-Gamut3.Cine
- Sony S-Log3

Dynamic Contrast for Enhanced Picture Quality

Through precise algorithm control, the monitor can adaptively adjust backlight brightness based on scene content, precisely managing light and dark areas to achieve higher contrast. Bright scenes are transparent with clear outlines, dark details are pure, comprehensively enhancing light and shade layers.



Dynamic Contrast OFF



Dynamic Contrast ON

4K HDR Down-Conversion

Addressing the need for simultaneous 4K HDR and HD SDR production, the monitor features a 4K HDR down-conversion function, supporting CMG LUTs and NBC LUTs production standards. During production, it efficiently performs signal, color gamut, and other conversions using just a single-link SDI, reducing equipment stacking and improving operational efficiency.



3D LUT Import & Output

User can load and store multiple custom 3D LUTs for real-time preview of different stylistic effects. 3D LUTs can be output with the video signal to downstream devices, ensuring color consistency across multiple screens. This expands the flexibility of video processing and effectively simplifies the DIT workflow.



Import custom 3D LUTs and configure them to output with the signal

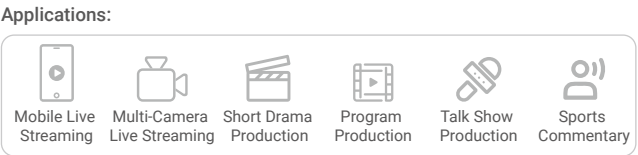
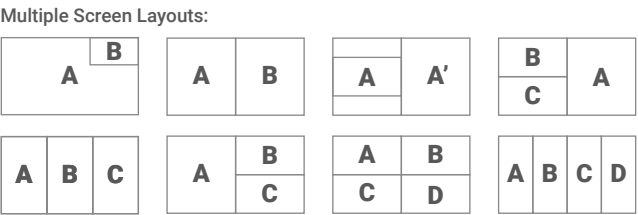
High Frame Rate Display

Equipped with 12G-SDI, 3G-SDI, SDI SFP+, HDMI, and other input/loop-through interfaces. Supports 4x3G-SDI quad-link or 1x12G-SDI single-link for 4K60P, and up to 4x12G-SDI quad-link for 8K60P, enabling ultra-high-definition input monitoring and seamless capture of complex motion shots.



Multiple Screen Layouts*

Supports single view, PIP/PBP, triple-view, and quad-view simultaneous display. Each signal can be rotated, allowing monitoring of multiple landscape/portrait feeds without physically tilting the screen.

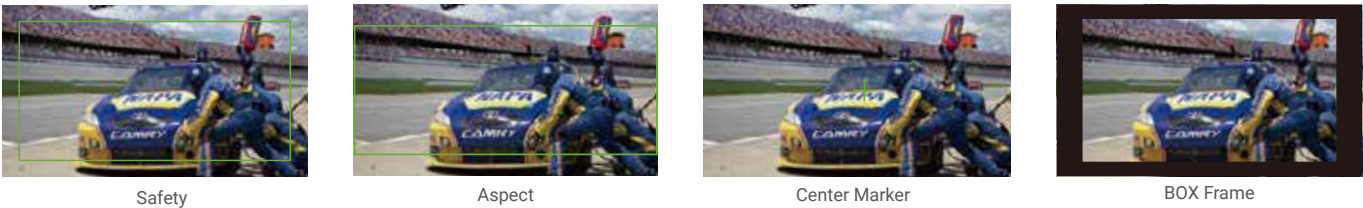


HDR/SDR Comparison

Each quad-view window can be independently set with different color spaces and EOTF curves, allowing intuitive comparison of picture differences during simultaneous HDR/SDR production.



Rich Auxiliary Overlay Tools



*This feature is available for L/P Production Monitor.

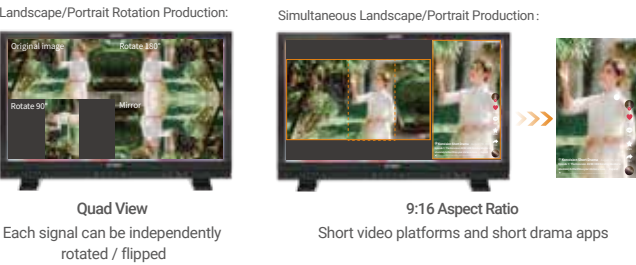
Mixed Signal Quad View

In multi-camera scenarios,quad-view mode supports simultaneous input of four different signal sources,displaying mixed resolution & frame rate signals(SDI/HDMI/SFP+) on one screen.The quad view can simultaneously display waveforms and audio meters.Enables centralized monitoring of an entire system within a limited space, saving equipment space.



Aspect Ratio Crop*

Supports native rotation and aspect ratio cropping. Allow cropping any area of the 4K image at a specific aspect ratio and comparing the results on the same screen, providing an intuitive preview of the framing area to be retained for different content distribution platforms.

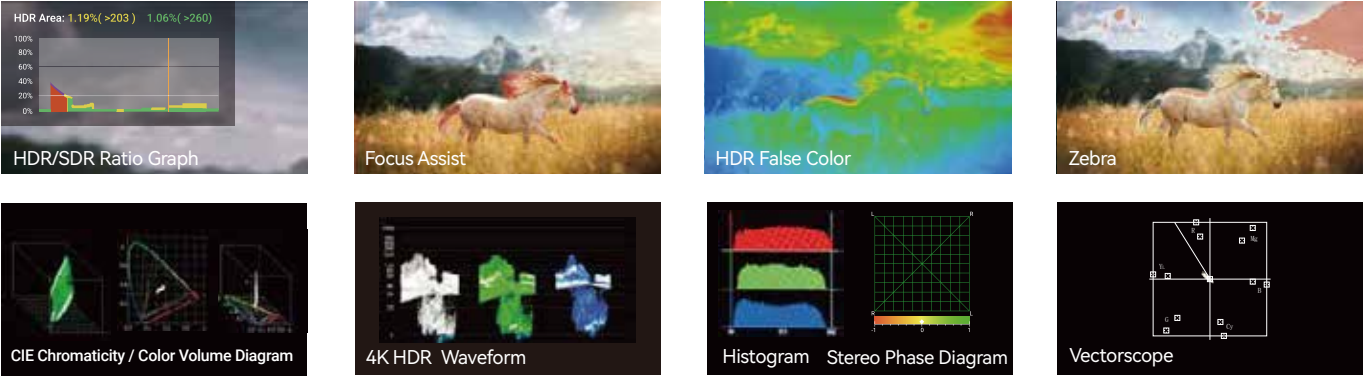


Pixel Measurement

Supports detecting and displaying pixel RGB, xyY, XYZ, and YCbCr coordinate data to measure actual color, brightness, and other information. Provides three modes: Rectangle Block, 24-Color Card, and Arbitrary Points. Rectangle Block simultaneously detects pixels within an 8x4 matrix range. The 24-Color Card mode detects color information for 24 color patches, enabling quick comparison with a standard color checker. Arbitrary Points mode supports simultaneous detection of up to 24 pixel points at any selected positions.



Comprehensive Image Analysis Tools



Excellent Interface Conversion Capability

SDI and SFP input signals can be converted to HDMI output, ensuring compatibility with more downstream display devices. This eliminates the need for external converters, enabling more efficient and economical expansion of monitoring display terminals.



Custom Layout Presets*

Equipped with 5 customizable shortcut keys. Besides quickly accessing monitoring tools, they can also bind different signal input sources for quick switching, or directly bind configured multi-view layouts for one-click layout changes.



Custom Presets with Cluster Management

Features 5 user-customizable preset slots. User can save different color management settings,monitoring tools,overlay information, etc., from one monitor as a preset and bind them to 4 scene keys for quick mode switching. All user presets can be exported via USB and easily imported into multiple monitors for batch configuration, enabling efficient management of monitor clusters.



4K/8K HDR 32"-55" Mini-LED Mastering Monitors



Product Introduction

4K/8K HDR Mini-LED Master Monitor features Mini-LED full-array local dimming technology with 2304 zones. It delivers true 3840×2160 4K resolution, 1500nits brightness, 1,000,000:1 contrast, and ≥80% BT.2020 color gamut with HDR HLG/PQ support. Equipped with dual 12G-SDI input/loop-out, it supports 4K signal processing and 4K HDR to HD SDR down-conversion, making it ideal for HDR mastering production, UHD/HD live production, filming, and post-production workflows.



2304-Zone Backlight with 1,000,000:1 Contrast

Equipped with Quantum Dot Mini-LED full-array 2304-zone backlight technology. Quantum Dot technology excites purer colors, while the 2304-zone backlight enables more precise brightness control, achieving a 1,000,000:1 high contrast ratio. This accurately renders light and shadow layers, significantly enhancing image realism.



Fewer Zones / No Zone Backlight



Quantum Dot Mini-LED 2304-Zone Backlight

Proprietary Halo Control

Featuring Konvision's proprietary local dimming algorithm, it accurately identifies image edge details, maintaining stable and sustained brightness in highlight areas while precisely controlling backlight shutoff in shadows to accurately respond to dynamic image changes. It also focuses on optimizing the halo effect, ensuring that images with high HDR contrast accurately reproduce clear outlines, smooth color transitions, and deep shadows.



Mini-LED without Halo Control



Mini-LED with Halo Control

Quad View with Independent Zone Brightness

Benefiting from precise zone backlight technology, each quadrant in quad-view mode can be independently configured with different color spaces and EOTFs, display individual HDR waveforms, and also have its backlight brightness adjusted. During simultaneous production, this allows for a more intuitive and realistic presentation between 4K HDR and HD SDR images.



4K/8K HDR 27"-65" QD-OLED Mastering Monitors



Product Introduction

4K/8K HDR QD-OLED Master Monitor incorporates an industry-leading QD-OLED panel, delivering 1000 nits peak brightness and a 1,500,000:1 contrast ratio with true black performance. It covers over 80% of the BT.2020 color gamut, ensuring accurate color reproduction. With support for features such as 4K HDR down-conversion, it facilitates simultaneous HDR and SDR production workflows and is ideally suited for HDR mastering, UHD/HD live production, filming, and post-production applications.



1,500,000:1 Exceptional Contrast Ratio

Quantum Dot pixel-level self-luminous control enables brightness adjustment from 0.0005nits pure black to 1000nits, achieving precise HDR gray scale control and an exceptional 1,500,000:1 contrast ratio, delivering a more striking contrast. When monitoring dark scenes, it can reveal rich shadow details, allowing visual storytelling to be more dynamic and expressive.



Low Contrast



1,500,000:1 Exceptional Contrast

>80% BT.2020 Color Gamut

RGB sub-pixels self-illuminate the three primary colors, expanding the color space coverage compared to traditional LCD backlight technology, reaching over 80% of the BT.2020 color gamut and reproducing more than one billion colors. The pixel-level light source provides highly pure primary colors, accurately rendering correct colors across different luminance levels with smooth, natural transitions, restoring true-to-life colors as seen by the eye.



8BIT

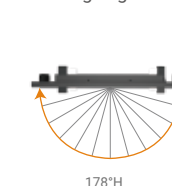


10BIT

178° Wide Viewing Angle

Quantum dot self-illumination features uniform light emission in all directions. Regardless of the viewing angle in front of the monitor, users get a consistent color and contrast viewing experience, effectively reducing color shift. The excellent off-axis viewing angle supports multiple personnel in conducting image quality assessment simultaneously.

Viewing Angle:



Viewing Color at Different Angles:

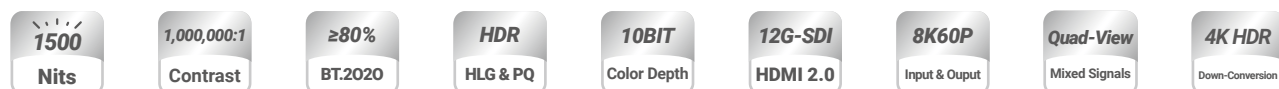




4K/8K HDR^{18"-55"} ST2110 IP Monitors

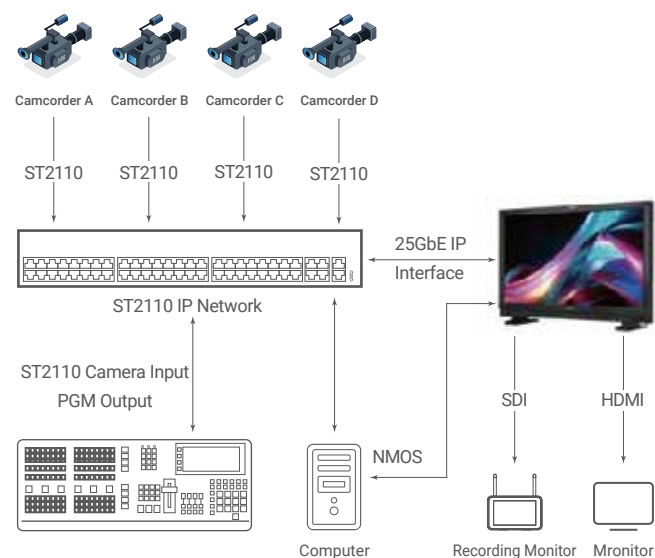
Product Introduction

The 4K/8K HDR ST2110 IP Monitors are equipped with dual 25GbE SMPTE ST2110 IP interfaces, enabling connection to IP-based NMOS control systems for lossless long-distance transmission of video and audio streams. It also features 12G-SDI and HDMI 2.0 input/output interfaces, supporting conversion and processing between IP signals and 4K UHD SDI/HDMI signals. It is suitable for applications ranging from film production monitoring to live broadcasting.



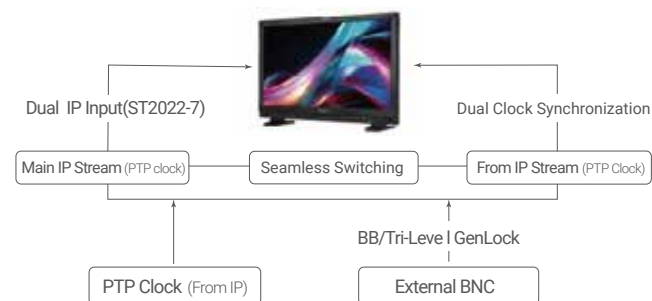
Uncompressed 25GbE SMPTE-2110 Transmission

Equipped with dual 25GbE SFP28 network interfaces, the system fully supports SMPTE ST2110-10/20/30/40 standards. It can receive uncompressed video and audio streams from an ST2110 IP network with support up to 4K60P. The monitor can also decode IP streams into SDI and HDMI signals, while simultaneously outputting two baseband signals to different downstream devices. In addition, it supports HDR-to-SDR down-conversion of IP streams to meet simulcast production requirements.



ST2022-7 Redundancy & External Genlock Synchronization

Supports ST 2022-7 seamless protection switching to ensure the security and stability of IP signal reception. It also supports PTP clock synchronization from the IP network, as well as external synchronization via BB or Tri-Level sync signals through an additional BNC interface.



NMOS Protocol, Efficient Connection

Supports the NMOSIS-04 discovery and registration mechanism, as well as the NMOSIS-05 device connection and remote control mechanism. Implement signal source reception and assignment functions in the IP network matrix for efficient collaboration.

Supported Protocols/Mechanisms:

SMPTE ST2110-10 System timing and synchronization	SMPTE ST2110-20 Uncompressed video streams
SMPTE ST2110-30 Uncompressed audio streams	SMPTE ST2110-40 Ancillary data
SMPTE ST2022-7 Seamless protection switching	SMPTE ST2059 Precision Time Protocol (PTP)
NMOS IS-04 Registration and discovery	NMOS IS-05 Connection management



4K HDR^{24"} NDI Monitors

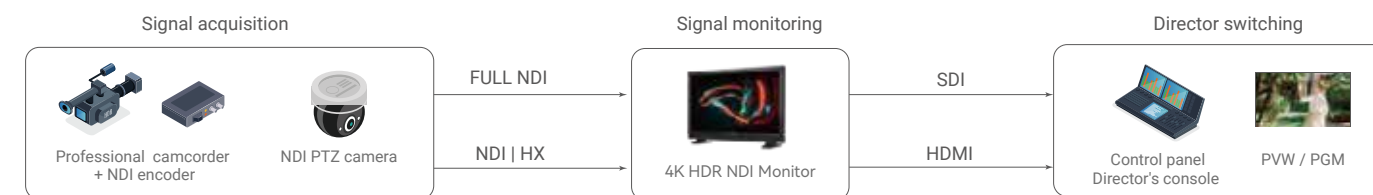
Product Introduction

4K HDR NDI Monitor is a key device designed for NDI-based multimedia production workflows. It features high-bandwidth 4K NDI network ports, along with 12G-SDI and HDMI 2.0 inputs/outputs, supporting FULL NDI & NDI|HX. The monitor can handle up to 4K60P NDI audio/video streams for monitoring or conferencing, medical imaging, and other applications, it greatly enhances deployment flexibility and system scalability. decoding output. Ideal for live streaming, on-site production, virtual studios, video.



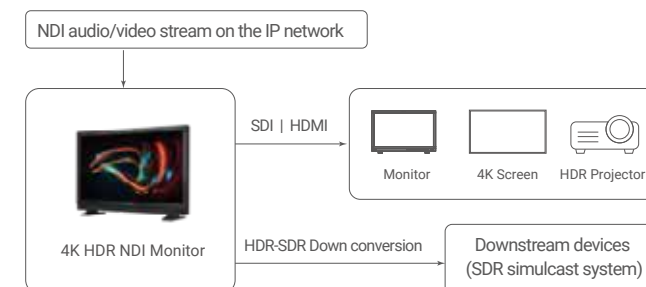
Support High Bandwidth NDI & NDI | HX

Supports Full NDI® and NDI®|HX streams up to 4K60P. Features bi-directional encoding/decoding of 10-bit 4:2:2 HDR signals between SDI/HDMI and 4K NDI. Enables real-time transmission and monitoring of various NDI formats via a single Ethernet cable—ideal for professional IP-based production, converged media networks, and diverse workflow scenarios.



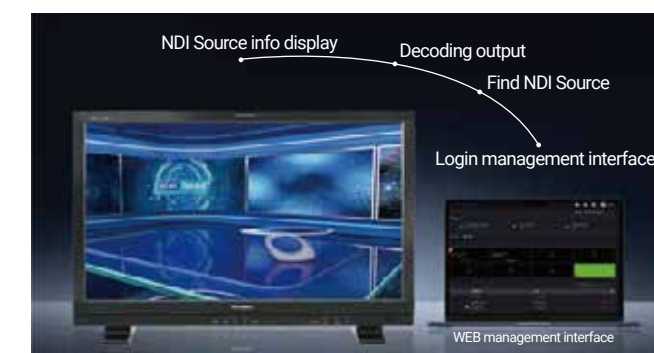
NDI Integrated Monitoring – High-Quality Conversion & Transmission

NDI audio and video streams decoded from the IP network can be directly converted into SDI and HDMI digital signals, with simultaneous dual baseband outputs to different downstream devices. It also supports HDR-to-SDR down-conversion of NDI streams to meet simulcast production requirements.



Efficient Operation with Intelligent NDI Source Selection

Within the IP network, the monitor can automatically discover all NDI audio and video streams across both the same and different subnets. Users can select any available NDI source from a specified address via the web-based control interface for monitoring.



4K/8K^{17.3"-65"} HDR Monitors



Product Introduction

Konvision 4K/8K HDR monitor series ranges from 17.3" to 65", featuring native 4K LCD panels and a 12-bit video processing engine to deliver stunning image accuracy, wide color gamut, high dynamic range, and ultra-low latency. With support for 12G-SDI, 3G-SDI, and HDMI 2.0, along with built-in 4K HDR down-conversion and professional HDR analysis tools, the monitors are designed to support simultaneous HDR and SDR workflows, ideal for studios, OB vans, and post-production environment.



Dynamic Contrast for Enhanced Picture Quality

Through precise algorithm control, the monitor can adaptively adjust backlight brightness based on scene content, precisely managing light and dark areas to achieve higher contrast. Bright scenes are transparent with clear outlines, dark details are pure, comprehensively enhancing light and shade layers.



Without dynamic contrast, transitions between light and dark are less distinct



With dynamic contrast adjustment, brightness and darkness are more layered and well-defined.

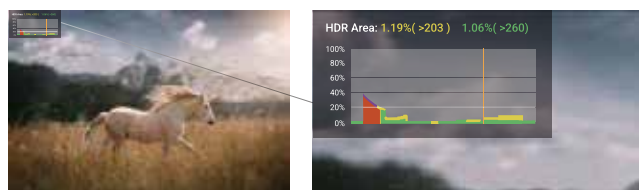
4K HDR Down-Conversion for Simultaneous HDR/SDR Production

Built-in 4K HDR down-conversion supports CMG LUTs and NBCU LUT standards, enabling efficient HDR-to-SDR and format conversions via a single-link SDI, ideal for simultaneous 4K HDR and HD SDR broadcasting and production workflows. Users can also load their own 3D LUTs and output, enabling the conversion of various color styles.



HDR Area Analysis for UHD Production Compliance

The HDR area analysis monitors reference white (>203 nits) and mapped white (>260 nits) levels in real time, issuing warnings when limits are exceeded. An HDR/SDR ratio chart tracks overall image brightness over time, assisting precise on-site lighting control.



4K/8K HDR^{27"-65"} Wall-Mount Monitors



Product Introduction

Adhering to a "lightweight" design philosophy, these 4K/8K HDR wall-mounted monitors feature reduced weight and an optimized structural design, making it ideally suited for OB vans, broadcast control rooms, and studios. Available with a range of 4K panel sizes, the monitors are equipped with 12G-SDI, 3G-SDI, and HDMI 2.0, supporting 8K60P and 4K60P signal inputs as well as HDR.



Lightweight & Narrow bezel Designed for Wall-Mount in OB Vans and Control Rooms

Regular square appearance structure is available in 27"/32"/42"/55"/65" options, allowing for ideal configuration of monitoring terminals in different spaces.

Narrow bezel design maximizes screen area and reduces visual disruption.

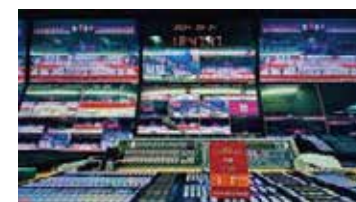
Front-mounted silicone buttons with optional backlighting—when off, the buttons blend seamlessly with the body for a sleek and minimalist look; when on, they provide clear guidance for operation, ensuring convenient control even in matrix splicing or embedded installations.

Configure the GPI input interface to enable remote GPI control, allowing to perform operations such as enabling Tally, accessibility features, and user presets.

Side-plug interface design with the cable plugging direction parallel to the screen, effectively reduces the installation depth of the device and facilitates signal connection.

QD-OLED Panel with Superior Viewing Angles

Offers 1000 nits peak brightness, 1,500,000:1 contrast, and consistent color across wide viewing angles. When facing a monitor wall, all monitors maintain consistent color and image quality from different angles.



Application Scenarios:



OB Van



Studio



MCR Room

4K/8K^{17.3"} 1RU Drawer Monitors



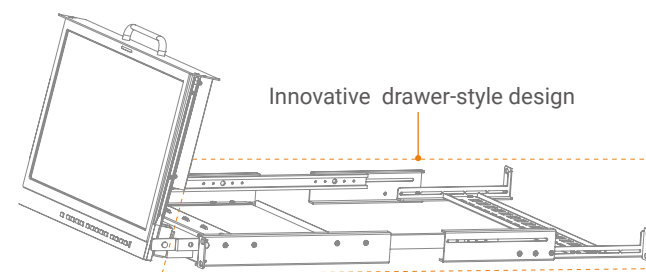
Product Introduction

Equipped with a 17.3" 3840x2160 screen, the 4K/8K rackmount monitor is suitable for standard 19-inch rack mounting. It supports Quad view mode with mixed SDI/HDMI signals, making it an ideal model for OB Van, EFP, and live events.



1RU Slim Design with Convenient Pull-Out

1RU space to maximize available rack space. The innovative drawer-style design allows easily pulled out and unfolding for monitoring.



Mixed-signal Quad View | Multi-source Monitoring

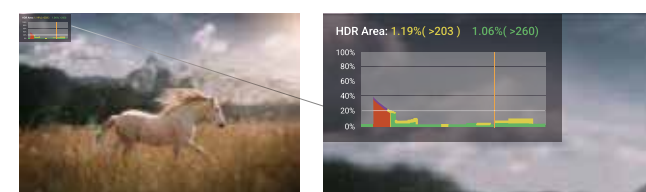
Mixed-signal Quad View | Multi-source Monitoring frame rates across SDI/HDMI/SFP+ inputs on a single screen. Each window can display overlaid Waveform and Audio Meters, providing a concentrated monitoring solution to optimize rack space in constrained environments.



Mixed Inputs & Frame Rates

HDR Area Analysis for UHD Production Compliance

The HDR area analysis monitors reference white (>203 nits) and mapped white (>260 nits) levels in real time, issuing warnings when limits are exceeded. An HDR/SDR ratio chart tracks overall image brightness over time, assisting precise on-site lighting control.



12G-SDI 4K^{4.1"-10.1"} Rackmount Monitors

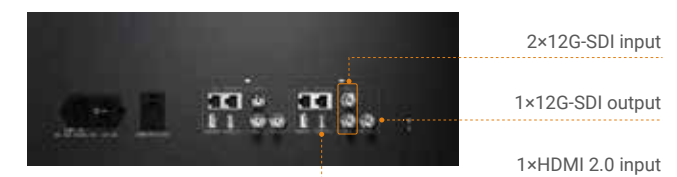
Product Introduction

Covers 4.1"–10.1", configurable from 2U quad-racks to 4U dual racks with standard 19" mounting. Supports up to three 4K inputs per screen, built in waveform and vectorscope, and single screen waveform mode for simultaneous video and signal monitoring, ideal for control rooms, OB vans, EFP, and other scenarios.



4K60P SDI/HDMI input monitoring

Each screen is equipped with 2x 12G-SDI inputs, 1x 12G-SDI output, and 1 x HDMI 2.0 input, supporting up to 4K60P. Different signal source channels can be quickly switched using the Fn key, allowing simultaneous monitoring of multiple camera feeds.



Single-Screen / Split-Screen Waveform

Through internal signal correlation, a single-screen waveform display mode can be achieved: users can use either screen for waveform monitoring, viewing the image on the main screen and reading the waveform on the secondary screen. When both screens need to be used for monitoring, users can also select to display various monitoring tools on that screen.



Screen Sharing Monitoring tool

One Button for Multi-Screen Control

The innovative "screen selection button" design allows users to control a single screen or centrally manage multiple screens with a single button. One operation enables multiple screen response, facilitating efficient parameter configuration and function retrieval.



- ① Click the screen button you want to control
- ② Operation function keys

FULL HD SERIES

Equipped with 3G SDI, HDMI, YPbPr and video interface, Konvisoin FHD series monitors are a good choice for studios, production, Live event and other scenarios.



FHD HDR Reference Monitors 18.5"-55"

The FHD HDR reference monitor featured 2x3G SDI inputs/outputs, supports HDR preview and Rec.2020, DCI-P3 wide color gamut for accurate color reproduction. It can be used for on-site monitoring, production and color grading.

HDR Preview

HDR:PQ (ST2084) & HLG(1.0,1.1, 1.2, 1.3, 1.4, 1.5)
Space: Rec.709/EBU/DCI-P3/DCI-P3 D65/Rec.2020
Gamma: 2.0/2.2/2.4/2.6



FHD 1RU Drawer Monitor 17.3"

Equipped with a 17.3" 1920x1080 screen, the FHD rack-mount monitor is suitable for standard 19-inch rack mounting. It supports 2x3G SDI inputs/outputs, making it an ideal model for OB Van, EFP, and live events.

1RU Slim Design with Convenient Pull-Out

1RU space to maximize available rack space. The innovative drawer-style design allows easily pulled out and unfolding for monitoring.



FHD Broadcast Monitors 18.5"-55"

The FHD Broadcast monitor featured 2x3G SDI inputs/outputs, compliance with standard Rec709 standard. It can be used for on-site monitoring, production and shootings.

Compliance with Rec709 Standard

Covers the Rec709 color space, the monitor is fully comply with the Gamma 2.4 standard. 3D LUT color calibration in the factory to accurately reproduce the images.



FHD On-Camera Monitors 8"-10"

Equipped with SDI/HDMI signal interfaces, the FHD On-Camera monitors can be used with various cameras. It provides comprehensive monitoring tools to help cameramen better control composition and exposure effects.

Compact body, optimized for shootings

Compact and robust design for various cameras, jibs, gimbals and vehicle-mounted camera systems as a viewfinder.

MAIN FEATURES

Features

Available size range from 18.5" to 55", Konvisoin FHD monitor supports HDR preview and is compatible with Rec2020, DCI P3 and Rec709 standards. It is perfect for production, on-site monitoring, control room, etc.



PIP/PBP Fast Switching

The dual-image mode supports PBP/PIP display of dual-channel SDI signals or mixed signals, allowing users to check the images of different signal sources in real time on the same screen and switch easily.



In PIP mode, users can adjust the size of the sub-window and swap the positions of the two windows.

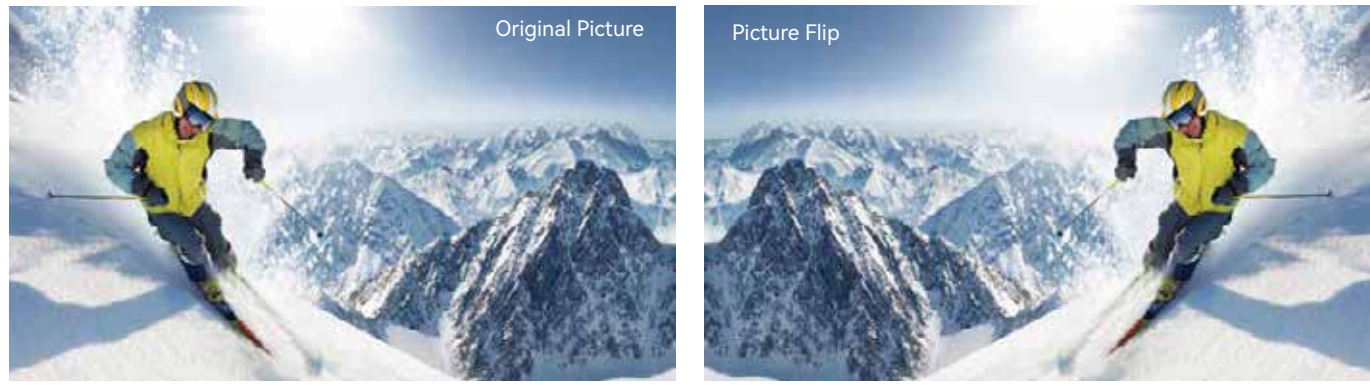
Pixel Measurement Precision Lighting Assistance

Measure the color information of pixels, supporting YcbCr, RGB 10BIT, XYZ, xyY coordinates. This function can be used to guide on-site light adjustment for shooting with precise light control requirements.



Picture Flip

The presenter often cannot see their own position during the weather forecast or news programs. The picture flip function can reverse the image to help presenters avoid unnecessary spatial errors and improve recording quality and efficiency.

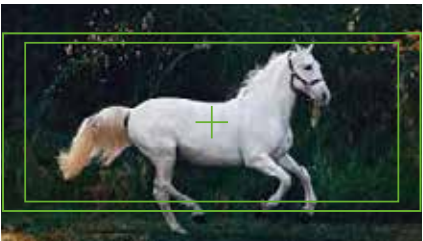


Part Zoom In

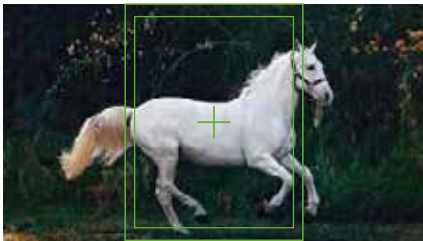
This features allows user to select and zoom in on a specific area of the image to achieve magnification while maintaining the original aspect ratio and a clearer details.



Aspect Ratio/Time Code/UMD/Tally Indicator



Horizontal Aspect Ratio Markers & Safety Frame



Vertical Aspect Ratio Markers & Safety Frame



Time Code



UMD under Single Mode



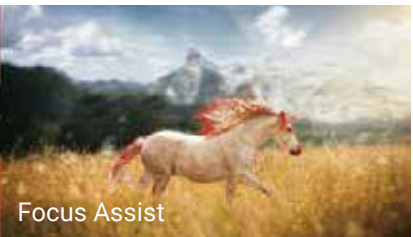
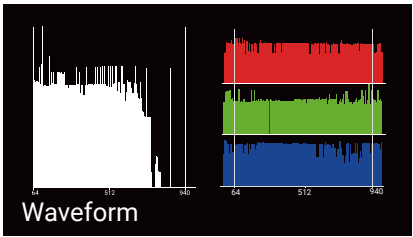
UMD under PIP Mode



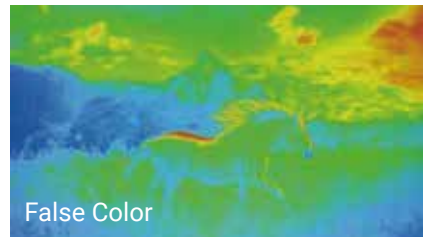
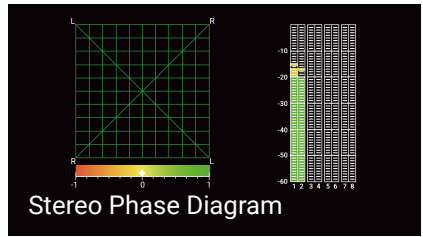
Tally Indicator

Comprehensive Image Monitoring Tools

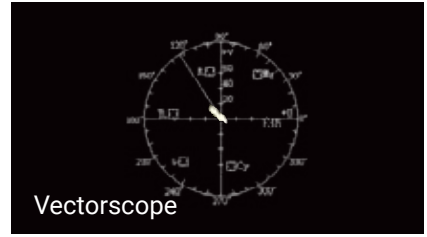
Professional tools including waveforms, stereo phase diagram & audio meters, vectorscopes, focus assist, false color, and zebra stripes are provided to optimize image exposure andfocusing



Focus Assist



False Color



Zebra

Prodcut Specifications·Recording Monitors

Model No.	N5		N5-10G		A7S		A7S2	
Panel Specifications								
Size	5.5"		5.5"		7"		7" (Each Screen)	
Resolution	1920 x 1080(16:9)				1920 x 1200(16:10)		1920 x 1080(16:9)	
Viewing Angle	160° (H) / 160° (V)				178° (H) / 178° (V)			
Backlight	LED							
Brightness	1700cd/m²				1500cd/m²			
Contrast Ratio	1000:1				1200:1		1000:1	
Color Spec	8bit, 16.7m Colors				8bit+FRC, 1.07B Colors		8bit, 16.7m Colors	
Input / Output (Each Screen)								
BNC	12G/6G/3G/HD/SD-SDI (IN/OUT×1) SDI IN/OUT for recording &monitoring, SDI OUT for playback		12G/6G/3G/HD/SD-SDI (IN×1, OUT×1)		12G/6G/3G/HD/SD-SDI (IN×1, OUT×1) SDI IN can act as SDI OUT during playback or HDMIinput		12G/6G/3G/HD-SDI (IN×4, OUT×4) 、 Genlock (IN×1, OUT×1) 、 Time Code (IN×1, OUT×1)	
HDMI	HDMI 2.0 (IN×1, OUT×1)		HDMI 2.0 (IN×1)		HDMI 2.0 (IN×1, OUT×1)			
Type-C	Type-C (Support Power supply) 、 Type-C (USB3.0×1) 、 Type-C (USB2.0 OTG×1, SupportOutput)				Type-C DP1.4 (IN×1)		Type-C DP1.4 (IN×1) . Control KEY Panel (IN×1)	
Other Interface	RJ45 (IN×1, 1GbE Ethernet for streaming or control)		RJ45 (IN×1, 10GbE Ethernet support SMPTE ST2110)		—		RS422 (IN×1, TSL3.1/4.0/5.0protocol UMD) 、 LAN (IN×1, Ethernet control) 、 GPI (IN×1)	
Singal Processing								
Singal Conversion	SDI & HDMI		IP & SDI		SDI & HDMI			
Down Conversion	4K to HD		—		4K to HD			
Deinterlacing	—				i signal to p signal			
DCI Corpping	Support				Support			
Audio Monitoring (Each Screen)								
Audio In	3.5mm headset jack						3.5mm headset jack, 2x XLR analog audio in	
	16-Channels SDI Audio meter & 2-Channel outputs				8-Channels SDI Audio meter & 2-Channel outputs			
Audio Out	3.5mm headset jack						3.5mm headset jackR analog audio out	
	1×1.5W speaker, support volume adjustment						2×1.5W speakersupport volum adjustment	
Color Management								
HDR	HLG & PQ							
Color Space	Bypass/Rec.709/EBU/DCI-P3/DCI-P3 D65/Rec.2020/USER1~7				Bypass/Rec.709/EBU/DCI-P3/DCI-P3 D65/Rec.2020/USER1~6			
EOTF	Gamma2.0/2.2/2.4/2.6、HLG(1.03/1.11/1.16/1.20/1.27/1.33)、ST2084 PQ(softroll)、SLog/SLog2/Slog3/Clog/Clog2/Clog3/Vlog/Dlog/LogC							
Log	Arri、Canon、Sony、Nikon、Panasonic、Red、DJI、Fujifilm、Leica etc cameras Log Color pipeline				—			
3D LUT	Support custom 3D LUT Import, Cube or .3dl format, LUT Output with Video Signal				Support custom 3D LUT Import, Cube or .3dl format			
Recording & Storage								
Recording Format	H.264 All-I/GOP, up to 4K60P				4K60P Apple ProRes, support HQ/422/LT/Proxy format			
Bitrate	Supporting custom bitrate				—			
Recording Function	Pre-roll Recording, Segmented recording (By time or capacity), interruption re-recording, scheduled recording (By recording duration or record until the disk is full)				Pre-roll Recording, Segmented recording (By time or capacity), interruption re-recording, scheduled recording (By recording duration or record until the disk is full), time-lapse photography			
Storage Mode	CFexpress Type B sotrage card、USB-C hard disk				Support 2x standard 2.5 inch SSD SATA3.0 hard disk		Each screen support 2x standard 2.5inch SSD SATA3.0 hard disk,support backup recording and alternating recording	
Play Function								
File Naming	By scene/shot/take, or by date/time, with customizable file names							
Loop Playback	Playlist loop, single-loop modes							
Playback	Frame-by-frame, fast, and slow-motion							
Marker	—				Supports using markers during recording or playback, with XML format export to disk			
Live Streaming								
Network Connection	Wi-Fi 6, Ethernet static and dynamic IP settings,wirelessnetwork card		—					
Streaming Recording	Support		—					
Streaming Bitrate	Support		—					
Streaming Address	Manual input or QR code scanning		—					
General								
Input Voltage	DC 12V						AC 100-240V /1.5A、DC 12-16.8V/5A	
Power Consumption	≤ 30W				25-36W		≤ 60W	
Battery	NP-F series, voltage 7.4V				NP-F series, voltage 7.4V, dual-batteries		—	
Replacement Battery	Hot-swapping				—			
Installation	1/4"-20 threaded hole						19inch 3U standard rack	
Resolution and frame rate								
4K DCI 2160p	23.98/24/25/29.97/30/47.95/48/50/59.94/60 (Only in monitoring mode, it will automatically converted to UHD in recording mode)				23.98/24/25/29.97/30/47.95/48/50/59.94/60			
UHD 2160p	23.98/24/25/29.97/30/50/59.94/60				23.98/24/25/29.97/30/50/59.94/60			
2K 1080p	23.98/24/25/29.97/30/47.95/48/50/59.94/60				23.98/24/25/29.97/30/47.95/48/50/59.94/60			
HD 1080p	23.98/24/25/29.97/30/47.95/48/50/59.94/60				23.98/24/25/29.97/30/47.95/48/50/59.94/60			
HD 1080i	50/59.94/60				50/59.94/60			

*Specifications may be changed without prior notice.

Model No.	KXM-3220M KXM-3210M	KXM-5520M KXM-5510M	KXM-2720S KXM-2710S	KXM-3220S KXM-3210S	KXM-6520S KXM-6510S
Series	4K/8K HDR Mini-LED Mastering Monitor		4K/8K HDR QD-OLED Mastering Monitor		
Panel Specifications					
Size	31.5"	55"	27"	31.5"	65"
Resolution	3840×2160(16:9)				
Viewing Angle	178° (H) / 178° (V)				
Panel Type	Quantum Dot Mini-LED(2304 Zones)		Quantum Dot OLED		
Brightness	1500cd/m² Full Screen		1000cd/m² (Peak)		2000cd/m² (Peak)
Contrast Ratio	1,000,000:1		1,500,000:1		4,000,000:1
Color Spec	≥ 80% BT.2020,10bit, 1.07B Colors				≥ 90% BT.2020,10bit, 1.07B Colors
Input					
BNC	KXM-3220M(4K/8K) KXM-5520M(4K/8K) KXM-2720S(4K/8K) KXM-3220S(4K/8K) KXM-6520S(4K/8K): 12G/6G/3G/HD/SD-SDI (×4, SDI1-SDI4)				
	KXM-3210M(4K) KXM-5510M(4K) KXM-2710S(4K) KXM-3210S(4K) KXM-6510S(4K): 12G/6G/3G/HD/SD-SDI (×2, SDI1/SDI2)、3G/HD/SD-SDI (×2, SDI3/SDI4)				
HDMI	HDMI 2.0 (×1)				
SFP+	1x SFP + cage for SDI IP(SFP+module optional)				
Output					
BNC	KXM-3220M(4K/8K) KXM-5520M(4K/8K) KXM-2720S(4K/8K) KXM-3220S(4K/8K) KXM-6520S(4K/8K): 12G/6G/3G/HD/SD-SDI (×4, SDI1-SDI4)				
	KXM-3210M(4K) KXM-5510M(4K) KXM-2710S(4K) KXM-3210S(4K) KXM-6510S(4K): 12G/6G/3G/HD/SD-SDI (×2, SDI1/SDI2)、3G/HD/SD-SDI (×2, SDI3/SDI4)				
HDMI	HDMI 2.0 (×1)	—	HDMI 2.0 (×1)		—
Audio Monitoring					
Audio In	16-Channels SDI Audio meter & 2-Channel outputs				
Audio Out	3.5mm Headset Jack, 2×3.0W Speakers, 4.1 Stereo Supported				
General					
Power Requirement	AC 100-240V (50/60Hz)				
Power Consumption	≤ 200W	≤ 500W	≤ 120W	≤ 200W	≤ 500W
VESA Installation	100×100mm/ 200×200mm VESA	200×200mm/ 400×400mm VESA	100×100mm VESA	100×100mm/ 200×200mm VESA	400×400mm/ 400×600mm VESA
Net Weight(Appx.)	12.1kg(With Desktop Stand)	32.5kg(Without Desktop Stand)	11.7kg(With Desktop Stand)	12.1kg(With Desktop Stand)	48kg(Without Desktop Stand)
Video Format					
Standard	SMPTE ST 2082、SMPTE ST 2081、SMPTE ST 2048、SMPTE-425M-A/B、SMPTE-274M、SMPTE-296M				
Signal Format	YCbCr 4:2:2 12/10bit、YCbCr 4:4:4 12/10bit、RGB 4:4:4 12/10bit				
HD	720p(50/59.94/60)、1080i(50/59.94/60)、1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)、1080psF(23.98/24/25)				
2K DCI	1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)、1080psF(23.98/24/25)				
Ultra HD	2160p(23.98/24/25/29.97/30/50/59.94/60)				
4K DCI	2160p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)				
8K	4K/8K Model Only: 4320p(23.98/24/25/29.97/30/50/59.94/60)				
8K DCI	4K/8K Model Only: 4320p(23.98/24/25/29.97/30/50/59.94/60)				

*Specifications may be changed without prior notice.

Model No.	KUM-1810D-IP25G		KUM-2410H-IP25G	KXM-3210M-IP25G KXM-3220M-IP25G	KUM-2410H-NDI
Series	4K/8K HDR ST2110 IP Monitor				4K/8K HDR NDI Monitor
Panel Specifications					
Size	18.4"	24"	31.5"	24"	
Resolution	3840×2160(16:9)				
Viewing Angle	178° (H) / 178° (V)				
Backlight	LED			Quantum Dot Mini-LED(2304 Zones)	LED
Brightness	1000cd/m²	1200cd/m²	1500cd/m²	1200cd/m²	
Contrast Ratio	1000:1			1,000,000:1	1000:1
Color Spec	≥ 98%DCI-P3, 8bit+FRC, 1.07B Colors	8bit+FRC, 1.07B Colors		≥ 80%BT.2020, 8bit+FRC, 1.07B Colors	8bit+FRC, 1.07B Colors
Input					
IP Protocol	SMPTE ST2110-10/20/30/40				FULL NDI & NDI HX
SFP28	ST2110 IP Data Rx Interface (×2)				—
NDIRJ45	—				High Bitrate 4K NDI Input (×1)
BNC	KUM-1810D-IP25G KUM-2410H-IP25G KXM-3210M-IP25G(4K) KUM-2410H-NDI: 12G/6G/3G/HD/SD-SDI (×2, SDI1/SDI2)、3G/HD/SD-SDI (×2, SDI3/SDI4)				
	KXM-3220M-IP25G(4K/8K): 12G/6G/3G/HD/SD-SDI (×4, SDI1-SDI4)				
BNC	Genlock: BB or Tri-level Reference Signal (×1)				—
HDMI	HDMI 2.0 (×1)				
Output					
BNC	KUM-1810D-IP25G KUM-2410H-IP25G KXM-3210M-IP25G(4K) KUM-2410H-NDI: 12G/6G/3G/HD/SD-SDI (×2, SDI1/SDI2)、3G/HD/SD-SDI (×2, SDI3/SDI4)				
	KXM-3220M-IP25G(4K/8K): 12G/6G/3G/HD/SD-SDI (×4, SDI1-SDI4)				
HDMI	HDMI 2.0 (×1)				
Audio Monitoring					
Audio In	16-Channels SDI Audio meter & 2-Channel outputs				
Audio Out	3.5mm Headset Jack, 2×3.0W Speakers, 4.1 Stereo Supported				
General					
Power Requirement	DC 12V / AC100-240V (50/60Hz)			AC 100-240V (50/60Hz)	DC 12V / AC 100-240V(50/60Hz)
Power Consumption	≤ 107W	≤ 110W		≤ 200W	≤ 117W
VESA Installation	100×100mm VESA			100×100mm/200×200mm VESA	100×100mm VESA
Net Weight(Appx.)	8.3kg(With Desktop Stand)	9.1kg(With Desktop Stand)		12.1kg(With Desktop Stand)	9.1kg(With Desktop Stand)
Video Format					
Standard	SMPTE ST 2082、SMPTE ST 2081、SMPTE ST 2048、SMPTE-425M-A/B、SMPTE-274M、SMPTE-296M				
Signal Format	YCbCr 4:2:2 12/10bit、YCbCr 4:4:4 12/10bit、RGB 4:4:4 12/10bit				
HD	720p(50/59.94/60)、080i(50/59.94/60)、1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)、1080p(sF23.98/sF24/sF25)				
2K DCI	1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)、1080p(sF23.98/sF24/sF25)				
Ultra HD	2160p(23.98/24/25/29.97/30/50/59.94/60)				
4K DCI	2160p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)				
8K	4K/8K Model Only: 4320p(23.98/24/25/29.97/30/50/59.94/60)				
8K DCI	4K/8K Model Only: 4320p(23.98/24/25/29.97/30/50/59.94/60)				

*Specifications may be changed without prior notice.

Model No.	KUM-1720Q KUM-1710W	KUM-1820D KUM-1810D	KUM-2420H KUM-2410H	KUM-2433H KUM-2434H	New
Series	4K/8K HDR Monitor				L/P Production Monitor
Panel Specifications					
Size	17.3"	18.4"	24"	24"	
Resolution	3840×2160(16:9)				
Viewing Angle	178° (H) / 178° (V)				
Backlight	LED				
Brightness	400cd/m ²	1000cd/m ²	1200cd/m ²		
Contrast Ratio	1500:1	1000:1			
Color Spec	8bit, 16.7m Colors	≥ 98% DCI-P3, 8bit+FRC, 1.07B Colors	8bit+FRC, 1.07B Colors		
Input					
BNC	KUM-1720Q(4K/8K) KUM-1820D(4K/8K) KUM-2420H(4K/8K) KUM-2433H(4K/8K) : 12G/6G/3G/HD/SD-SDI (×4, SDI1-SDI4)				
	KUM-1710W(4K) KUM-1810D(4K) KUM-2410H(4K) KUM-2434H(4K): 12G/6G/3G/HD/SD-SDI (×2, SDI1/SDI2), 3G/HD/SD-SDI (×2, SDI3/SDI4)				
HDMI	HDMI 2.0 (×1)				
SFP+	SFP+ module optical input cage				
Output					
BNC	KUM-1720Q(4K/8K) KUM-1820D(4K/8K) KUM-2420H(4K/8K) KUM-2433H(4K/8K) : 12G/6G/3G/HD/SD-SDI (×4, SDI1-SDI4)				
	KUM-1710W(4K) KUM-1810D(4K) KUM-2410H(4K) KUM-2434H(4K): 12G/6G/3G/HD/SD-SDI (×2, SDI1/SDI2), 3G/HD/SD-SDI (×2, SDI3/SDI4)				
HDMI	HDMI 2.0 (×1)				
Audio Monitoring					
Audio In	16-Channels SDI Audio meter & 2-Channel outputs				
Audio Out	3.5mm Headset Jack, 2×3.0W Speakers, 4.1 Stereo Supported				
General					
Power Requirement	DC 12V / AC100-240V (50/60Hz)				
Power Consumption	≤ 50W	≤ 90W	≤ 110W	≤ 110W	
VESA Installation	100×100mm VESA				
Net Weight(Appx.)	5.4 kg (With Desktop Stand)	8.3kg (With Desktop Stand)	9.1kg (With Desktop Stand)	9.1kg (With Desktop Stand)	
Video Format					
Standard	SMPTE ST 2082, SMPTE ST 2081, SMPTE ST 2048, SMPTE-425M-A/B, SMPTE-274M, SMPTE-296M				
Signal Format	YCbCr 4:2:2 12/10bit, YCbCr 4:4:4 12/10bit, RGB 4:4:4 12/10bit				
HD	720p(50/59.94/60), 080i(50/59.94/60), 1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60), 1080p(sF23.98/sF24/sF25)				
2K DCI	1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60), 1080p(sF23.98/sF24/sF25)				
Ultra HD	2160p(23.98/24/25/29.97/30/50/59.94/60)				
4K DCI	2160p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)				
8K	4K/8K Model Only: 4320p(23.98/24/25/29.97/30/50/59.94/60)				
8K DCI	4K/8K Model Only: 4320p(23.98/24/25/29.97/30/50/59.94/60)				

*Specifications may be changed without prior notice.

Model No.	KUM-2720H KUM-2710H		KUM-2720Q KUM-2710W		KUM-3120H KUM-3110H		KUM-3120Q KUM-3110W	
Series	4K/8K HDR Monitor							
Panel Specifications								
Size	27"					31.5"		
Resolution	3840×2160(16:9)							
Viewing Angle	178° (H) / 178° (V)							
Backlight	LED							
Brightness	1000cd/m²		400cd/m²		1000cd/m²		400cd/m²	
Contrast Ratio	1000:1		2000:1		1000:1		2000:1	
Color Spec	8bit+FRC, 1.07B Colors							
Input								
BNC	KUM-2720H(4K/8K) KUM-2720Q(4K/8K) KUM-3120H(4K/8K) KUM-3120Q(4K/8K): 12G/6G/3G/HD/SD-SDI (×4, SDI1-SDI4)							
	KUM-2710H(4K) KUM-2710W(4K) KUM-3110H(4K) KUM-3110W(4K): 12G/6G/3G/HD/SD-SDI (×2, SDI1/SDI2). 3G/HD/SD-SDI (×2, SDI3/SDI4)							
HDMI	HDMI 2.0 (×1)							
SFP+	SFP+ module optical input cage							
Output								
BNC	KUM-2720H(4K/8K) KUM-2720Q(4K/8K) KUM-3120H(4K/8K) KXM-5520M(4K/8K): 12G/6G/3G/HD/SD-SDI (×4, SDI1-SDI4)							
	KUM-2710H(4K) KUM-2710W(4K) KUM-3110H(4K) KXM-5510M(4K): 12G/6G/3G/HD/SD-SDI (×2, SDI1/SDI2). 3G/HD/SD-SDI (×2, SDI3/SDI4)							
HDMI	HDMI 2.0 (×1)							
Audio Monitoring								
Audio In	16-Channels SDI Audio meter & 2-Channel outputs							
Audio Out	3.5mm Headset Jack, 2×3.0W Speakers, 4.1 Stereo Supported							
General								
Power Requirement	AC 100-240V (50/60Hz)							
Power Consumption	≤ 120W		≤ 630W		≤ 140W		≤ 70W	
VESA Installation	100×100mm VESA				100×100mm/200×200mm VESA			
Net Weight(Appx.)	11.7kg (With Desktop Stand)		9.9kg (With Desktop Stand)		15kg (With Desktop Stand)		15kg (With Desktop Stand)	
Video Format								
Standard	SMPTE ST 2082、SMPTE ST 2081、SMPTE ST 2048、SMPTE-425M-A/B、SMPTE-274M、SMPTE-296M							
Signal Format	YCbCr 4:2:2 12/10bit、YCbCr 4:4:4 12/10bit、RGB 4:4:4 12/10bit							
HD	720p(50/59.94/60)、080i(50/59.94/60)、1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)、1080p(sF23.98/sF24/sF25)							
2K DCI	1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)、1080p(sF23.98/sF24/sF25)							
Ultra HD	2160p(23.98/24/25/29.97/30/50/59.94/60)							
4K DCI	2160p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)							
8K	4K/8K Model Only: 4320p(23.98/24/25/29.97/30/50/59.94/60)							
8K DCI	4K/8K Model Only: 4320p(23.98/24/25/29.97/30/50/59.94/60)							

*Specifications may be changed without prior notice.

Model No.	KXM-2720S-OB KXM-2710S-OB		KXM-3220S-OB KXM-3210S-OB		KXM-6520S-OB KXM-6510S-OB	
Series	4K/8K HDR Wall-Mount Monitor					
Panel Specifications						
Size	27"		31.5"		65"	
Resolution	3840×2160(16:9)					
Viewing Angle	178° (H) / 178° (V)					
Panel Type	QD-OLED Quantum Dot OLED					
Brightness	1000cd/m ² (Peak)			2000cd/m ² (Peak)		
Contrast Ratio	1,500,000:1			4,000,000:1		
Color Spec	≥ 80% BT.2020,10bit, 1.07B Colors			≥ 90% BT.2020,10bit, 1.07B Colors		
Input						
BNC	KXM-2720S-OB(4K/8K) KXM-3220S-OB(4K/8K) KXM-6520S-OB(4K/8K): 12G/6G/3G/HD/SD-SDI (×4, SDI1-SDI4)					
	KXM-2710S-OB(4K) XM-3210S-OB(4K) KXM-6510S-OB(4K): 12G/6G/3G/HD/SD-SDI (×2, SDI1/SDI2)、3G/HD/SD-SDI (×2, SDI3/SDI4)					
HDMI	HDMI 2.0 (×1)					
SFP+	SFP+ module optical input cage					
Output						
BNC	KXM-2720S-OB(4K/8K) KXM-3220S-OB(4K/8K) KXM-6520S-OB(4K/8K): 12G/6G/3G/HD/SD-SDI (×4, SDI1-SDI4)					
	KXM-2710S-OB(4K) XM-3210S-OB(4K) KXM-6510S-OB(4K): 12G/6G/3G/HD/SD-SDI (×2, SDI1/SDI2)、3G/HD/SD-SDI (×2, SDI3/SDI4)					
HDMI	—					
Audio Monitoring						
Audio In	16-Channels SDI Audio meter & 2-Channel outputs					
Audio Out	3.5mm Headset Jack, 2×3.0W Speakers, 4.1 Stereo Supported					
General						
Power Requirement	AC 100-240V (50/60Hz)					
Power Consumption	≤ 120W		≤ 200W		≤ 500W	
VESA Installation	100×100mm VESA		100×100mm/200×200mm VESA		400×400mm/400×600mm VESA	
Net Weight(Appx.)	11.7kg (With Desktop Stand)		12.1kg (With Desktop Stand)		48kg (Without Desktop Stand)	
Video Format						
Standard	SMPTE ST 2082、SMPTE ST 2081、SMPTE ST 2048、SMPTE-425M-A/B、SMPTE-274M、SMPTE-296M					
Signal Format	YCbCr 4:2:2 12/10bit、YCbCr 4:4:4 12/10bit、RGB 4:4:4 12/10bit					
HD	720p(50/59.94/60)、080i(50/59.94/60)、1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)、1080p(sF23.98/sF24/sF25)					
2K DCI	1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)、1080p(sF23.98/sF24/sF25)					
Ultra HD	2160p(23.98/24/25/29.97/30/50/59.94/60)					
4K DCI	2160p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)					
8K	4K/8K Model Only: 4320p(23.98/24/25/29.97/30/50/59.94/60)					
8K DCI	4K/8K Model Only: 4320p(23.98/24/25/29.97/30/50/59.94/60)					

*Specifications may be changed without prior notice.

Model No.	KUM-4320Q-OB KUM-4310W-OB		KUM-5520H-OB KUM-5510H-OB		KUM-6520Q-OB KUM-6510W-OB	
Series	4K/8K HDR Wall-Mount Monitor					
Panel Specifications						
Size	43"		55"		65"	
Resolution	3840×2160(16:9)					
Viewing Angle	178° (H) / 178° (V)					
Backlight	LED					
Brightness	350cd/m²		1000cd/m²		500cd/m²	
Contrast Ratio	1000:1		1200:1			
Color Spec	10bit, 1.07B Colors		8bit+FRC, 1.07B Colors			
Input						
BNC	KUM-4320Q-OB(4K/8K) KUM-5520H-OB(4K/8K) KUM-6520Q-OB(4K/8K): 12G/6G/3G/HD/SD-SDI (×4, SDI1-SDI4)					
	KUM-4310W-OB(4K) KUM-5510H-OB(4K) KUM-6510W-OB(4K): 12G/6G/3G/HD/SD-SDI (×2, SDI1/SDI2)、3G/HD/SD-SDI (×2, SDI3/SDI4)					
HDMI	HDMI 2.0 (×1)					
SFP+	SFP+ module optical input cage					
Output						
BNC	KUM-4320Q-OB(4K/8K) KUM-5520H-OB(4K/8K) KUM-6520Q-OB(4K/8K): 12G/6G/3G/HD/SD-SDI (×4, SDI1-SDI4)					
	KUM-4310W-OB(4K) KUM-5510H-OB(4K) KUM-6510W-OB(4K): 12G/6G/3G/HD/SD-SDI (×2, SDI1/SDI2)、3G/HD/SD-SDI (×2, SDI3/SDI4)					
HDMI	—					
Audio Monitoring						
Audio In	16-Channels SDI Audio meter & 2-Channel outputs					
Audio Out	3.5mm Headset Jack, 2×3.0W Speakers, 4.1 Stereo Supported					
General						
Power Requirement	AC 100~240V (50/60Hz)					
Power Consumption	≤ 100W		≤ 350W		≤ 300W	
VESA Installation	200×200mm/400×400mm VESA				400×400mm/400×600mm VESA	
Net Weight(Appx.)	20.8kg (Without Desktop Stand)		32.5kg (Without Desktop Stand)		48kg (Without Desktop Stand)	
Video Format						
Standard	SMPTE ST 2082、SMPTE ST 2081、SMPTE ST 2048、SMPTE-425M-A/B、SMPTE-274M、SMPTE-296M					
Signal Format	YCbCr 4:2:2 12/10bit、YCbCr 4:4:4 12/10bit、RGB 4:4:4 12/10bit					
HD	720p(50/59.94/60)、080i(50/59.94/60)、1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)、1080p(sF23.98/sF24/sF25)					
2K DCI	1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)、1080p(sF23.98/sF24/sF25)					
Ultra HD	2160p(23.98/24/25/29.97/30/50/59.94/60)					
4K DCI	2160p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)					
8K	4K/8K Model Only: 4320p(23.98/24/25/29.97/30/50/59.94/60)					
8K DCI	4K/8K Model Only: 4320p(23.98/24/25/29.97/30/50/59.94/60)					

*Specifications may be changed without prior notice.

Model No.	KVM-1961W KVM-1951W		KVM-2260W KVM-2250W	KVM-2461W KVM-2451W	KVM-2460D
Series	FHD Broadcast/HDR Reference Monitor				
Panel Specifications					
Size	18.5"	21.5"	24"	24"	
Resolution	1920×1080(16:9)				
Viewing Angle	178°(H) / 178°(V)				
Backlight	LED				
Brightness	500cd/m²	250cd/m²			400cd/m²
Contrast Ratio	1000:1				1800:1
Color Spec	8bit, 16.7m Colors				≥98%DCI-P3, 10bit, 1.07B Colors
Input					
BNC	3G/HD/SD-SDI (×2, SDI1/SDI2)				
	BNC (×3, YPbPr / Composite Video / Y/C)				
HDMI	HDMI (×1)				
DVI	DVI-I (×1, Compatible with HDMI/VGA Conversion Input)				
Output					
BNC	3G/HD/SD-SDI (×2, SDI1/SDI2)				
	BNC (×3, Composite Video, YPbPr Component)				
Audio Monitoring					
Audio In	16-Channels SDI Audio meter & 2-Channel outputs				
Audio Out	3.5mm Headset Jack, 2×3.0W Speakers				
General					
Power Requirement	DC 12V / AC100-240V (50/60Hz)				
Power Consumption	≤28W	≤30W	≤32W	≤55W	
VESA Installation	100×100mm VESA				
Net Weight(Appx.)	6.1kg (With Desktop Stand)	6.8kg (With Desktop Stand)	7.4kg (With Desktop Stand)	8.5kg (With Desktop Stand)	
Video Format					
Standard	SMPTE ST 2048、SMPTE-425M-A/B、SMPTE-274M、SMPTE-296M、SMPTE-260M、SMPTE-125M、ITU-R BT.656				
Signal Format	YCbCr 4:2:2 10bit、RGB 4:4:4 12/10bit				
SD	NTSC/PAL				
HD	720p(50/59.94/60)、1080i(50/59.94/60)、1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)、1080p(sF23.98/sF24/sF25)				
2K DCI	1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)、1080p(sF23.98/sF24/sF25/sF30)				

*Specifications may be changed without prior notice.

Model No.	KVM-3260W KVM-3250W		KVM-4260W KVM-4250W		KVM-5560W KVM-5550W	
Series	FHD Broadcast/HDR Reference Monitor					
Panel Specifications						
Size	32"		42.5"		55"	
Resolution	1920×1080(16:9)					
Viewing Angle	178° (H) / 178° (V)					
Backlight	LED					
Brightness	360cd/m²		450cd/m²			
Contrast Ratio	1400:1		1300:1			
Color Spec	8bit, 16.7m Colors		8bit, 16.7m Colors		8bit+FRC, 1.07B Colors	
Input						
BNC	3G/HD/SD-SDI (×2, SDI1/SDI2)					
Video	Video(x1)					
DVI	DVI-I (×1, Compatible with HDMI/VGA Conversion Input))					
Output						
BNC	3G/HD/SD-SDI (×2, SDI1/SDI2)					
Audio Monitoring						
Audio In	16-Channels SDI Audio meter & 2-Channel outputs					
Audio Out	3.5mm Headset Jack, 2×3.0W Speakers					
General						
Power Requirement	AC 100-240V (50/60Hz)					
Power Consumption	≤ 80W		≤ 115W		≤ 130W	
VESA Installation	100×100mm/200×200mm VESA		200×200mm/400×400mm VESA			
Net Weight(Appx.)	11.2kg (With Desktop Stand)		21.7kg (Without Desktop Stand)		30kg (Without Desktop Stand)	
Video Format						
Standard	SMPTE ST 2048、SMPTE-425M-A/B、SMPTE-274M、SMPTE-296M、SMPTE-260M、SMPTE-125M、ITU-R BT.656					
Signal Format	YCbCr 4:2:2 10bit、RGB 4:4:4 12/10bit					
SD	NTSC/PAL					
HD	720p(50/59.94/60)、1080i(50/59.94/60)、1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)、1080p(sF23.98/sF24/sF25)					
2K DCI	1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)、1080p(sF23.98/sF24/sF25/sF30)					

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Model No.	KFM-1720U KFM-1710U		KFM-1753W	KVM-0861W	KVM-1060W
Series	2K/4K/8K Drawer Monitor			FHD On-camera Monitor	
Panel Specifications					
Size	17.3"			8"	10.1"
Resolution	3840×2160(16:9)		1920×1080(16:9)	1920×1200(16:10)	
Viewing Angle	178° (H) / 178° (V)			160° (H) / 160° (V)	
Backlight	LED				
Brightness	400cd/m²		300cd/m²	290cd/m²	450cd/m²
Contrast Ratio	1500:1		700:1	900:1	1000:1
Color Spec	8bit, 16.7m Colors				
Input					
BNC	KFM-1720U: 12G/6G/3G/HD/SD-SDI (×4, SDI1/SDI2/SDI3/SDI4)		3G/HD/SD-SDI (×2, SDI1/SDI2)、BNC (×1,Composite Video)	3G/HD/SD-SDI (×2, SDI1/SDI2), Video share with SDI 1 input BNC	
	KFM-1710U: 12G/6G/3G/HD/SD-SDI (×2, SDI1/SDI2)、3G/HD/SD-SDI (×2, SDI3/SDI4)				
HDMI	HDMI 2.0 (×1)		—	HDMI (×1)	
Other	SFP+ module optical input cage		DVI-I (×1)	—	
Output					
BNC	KFM-1720U: 12G/6G/3G/HD/SD-SDI (×4, SDI1/SDI2/SDI3/SDI4)		3G/HD/SD-SDI (×2, SDI1/SDI2)	3G/HD/SD-SDI (×1)	
	KFM-1710U: 12G/6G/3G/HD/SD-SDI (×2, SDI1/SDI2)、3G/HD/SD-SDI (×2, SDI3/SDI4)				
HDMI	—		—	HDMI (×1)	
Audio Monitoring					
Audio In	16-Channels SDI Audio meter & 2-Channel outputs				
Audio Out	3.5mm Headset Jack, 2×3.0W Speakers				
General					
Power Requirement	DC 12V			DC 8.4V-16.8V	
Power Consumption	≤ 50W		≤ 26W	≤ 18W	≤ 20W
VESA Installation	19" 1U Rack Mount			1/4"-20 threaded hole	
Net Weight(Appx.)	10.2kg (With Desktop Stand)		6.6kg (With Desktop Stand)	0.8kg	0.9kg
Video Format					
Standard	SMPTE ST 2082、SMPTE ST 2081、SMPTE ST 2048、SMPTE-425M-A/B、SMPTE-274M、SMPTE-296M		SMPTE ST 2048、SMPTE-425M-A/B、SMPTE-274M、SMPTE-296M、SMPTE-260M、SMPTE-125M、ITU-R BT.656		
Signal Format	YCbCr 4:2:2 12/10bit、YCbCr 4:4:4 12/10bit、RGB 4:4:4 12/10bit		YCbCr 4:2:2 10bit、RGB 4:4:4 12/10bit		
SD	—		NTSC/PAL		
HD	720p(50/59.94/60)、1080i(50/59.94/60)、1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)、1080p(sF23.98/sF24/sF25)				
2K DCI	1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)、1080p(sF23.98/sF24/sF25)				
Ultra HD	2160p(23.98/24/25/29.97/30/50/59.94/60)		—		
4K DCI	2160p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)		—		
	4320p(23.98/24/25/29.97/30/50/59.94/60)		—		
8K	—		—		
	4320p(23.98/24/25/29.97/30/50/59.94/60)		—		
8K DCI	—		—		

*Specifications may be changed without prior notice.

Model No.	KRM-404U	KRM-802U	KRM-1002U
Series	12G-SDI 4K Multiple Rackmount Monitor		
Panel Specifications (Each Screen)			
Size	4.1"	8"	10.1"
Resolution	1280×720(16:9)	1920×1200(16:10)	
Viewing Angle	178° (H) / 178° (V)		160° (H) / 160° (V)
Backlight	LED		
Brightness	450cd/m²	290cd/m²	450cd/m²
Contrast Ratio	1000:1	900:1	1000:1
Color Spec	8bit, 16.7m Colors		
Input (Each Screen)			
BNC	12G/6G/3G/HD/SD-SDI (×2, SDI1/SDI2)		
HDMI	HDMI 2.0 (×1)		
Output (Each Screen)			
BNC	12G/6G/3G/HD/SD-SDI (×1)		
Remote Interface (Each Screen)			
RJ45	10/100M Ethernet Port (×1)		
RJ45	GPI/RS422 Input (×1), for TSL 3.1/4.0 Control		
Audio Monitoring (Each Screen)			
Audio In	16-Channels SDI Audio meter & 2-Channel outputsOutput		
Audio Out	3.5mm Headset Jack, 2×3.0W Speakers	3.5mm Headphone Jack, 2×3.0W Speakers	
General			
Power Requirement	DC 12V	DC 12V / AC 100-240V (50/60Hz)	
Power Consumption	≤ 42W	≤ 35W	≤ 37W
VESA Installation	19" 2U Rack Mount	19" 3U Rack Mount	19" 4U Rack Mount
Net Weight(Appx.)	3.5kg	4.0kg	4.5kg
Video Format			
Standard	SMPTE ST 2082、SMPTE ST 2081、SMPTE ST 2048、SMPTE-425M-A/B、SMPTE-274M、SMPTE-296M		
Signal Format	YCbCr 4:2:2 12/10bit、YCbCr 4:4:4 12/10bit、RGB 4:4:4 12/10bit		
HD	720p(50/59.94/60)、080i(50/59.94/60)、1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)、1080p(sF23.98/sF24/sF25)		
2K DCI	1080p(23.98/24/25/29.97/30/47.95/48/50/59.94/60)、1080p(sF23.98/sF24/sF25)		
Ultra HD	2160p(23.98/24/25/29.97/30/50/59.94/60)		

*Specifications may be changed without prior notice.