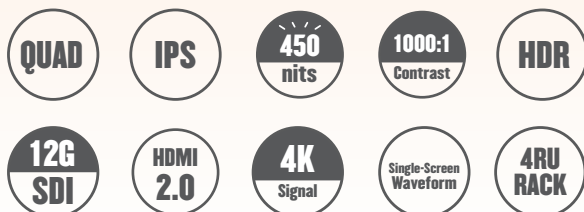


# KRM-1002U

## 2×10.1 INCH 12G-SDI RACKMOUNT MONITOR



### INTRODUCTION

KRM-1002U adopts a 2×10.1-inch 1920×1200 full HD IPS LCD panel with a 19" 4RU EIA rackmount. Each screen is equipped with 12G/6G/3G/H-D/SD-SDI and HDMI 2.0 video interface, allowing up to 3 links of 4K signal inputs at the same time and featuring HDR adaptive. In addition, the dual rackmount monitor supports single-screen display of waveforms, delivering accurate scope views and effectively meeting the high-end needs of broadcast, OB vans, EFP, and other scenarios with high requirements.

### HIGHLIGHTS

- 160°H/V wide viewing angle IPS LCD panel, 1920×1200 FHD Resolution
- 19inch, 4RU, EIA rackmount, 10.1inch quad screen display
- Each screen supports 2x12G/6G/3G/HD/SD-SDI with 1CH loopout
- Each screen supports 1xHDMI input, support up to 4096×2160P60Hz
- Each screen supports 3CH 4K signals max, fast switching between signals
- 3D LUT color calibration, support ColourSpace/Calman
- Color spaces: Rec.709/EBU/DCIP3/DCIP3 D65/Rec.2020
- HDR support: HLG(1.03/1.11/1.16/1.20/1.27/1.33), ST2084 PQ/(softroll)
- Gamma options: Gamma2.0/2.2/2.4/2.6
- VPID reading& Payload ID recognition, automatic Color Space &EOTF
- Optional color temperature: 9300K/6500K/5600K, supports custom temperature adjustment
- USB/network ports for loading custom 3D LUT files and firmware upgrades
- Support HDR area analysis
- Single-Screen waveform Display: one screen signal, waveform on another
- Waveform/vector scope/histogram/audio meter/audio phase
- Mirror/rotation/zoom/freeeze/full scan/over scan/HV delay
- False color/Zebra/Focus Assist/Blue only/Mono
- Aspect ratio/center marker/safe area, markers with BOX control
- Each SDI support 16ch embedded audio meters & 2channel output
- Simulated stereo input, 3.5mm headphone jack output
- VITC1/2,LTC timecode,static/dynamic UMD/IMD
- Ethernet port/GPI for remote control
- F function keys for fast auxiliary tool call
- Supports 608/708 Closed Caption
- Aluminum alloy case, tricolor Tally

### SPECIFICATION

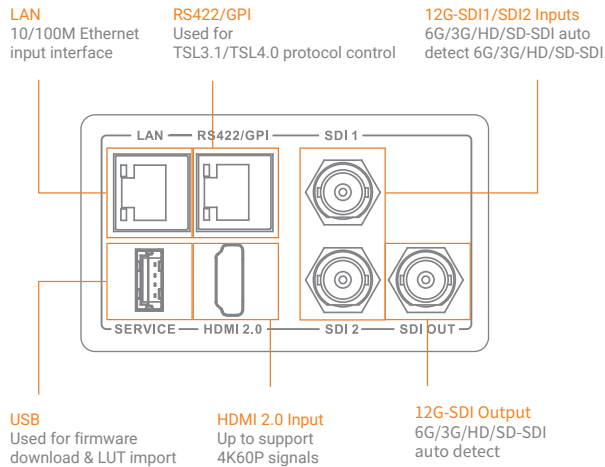
Panel	
Model No.	KRM-1002U
Backlight	LED
Size	10.1" (one screen)
Resolution	1920×1200
Aspect Ratio	16:10
Viewing Angle	160°(H) / 160°(V)
Brightness	450cd/m <sup>2</sup>
Contrast Ratio	1000:1
Color Depth	8bit
Input(one screen)	
2×BNC	12G/6G/3G/HD/SD-SDI (×2)
1×HDMI	HDMI 2.0 (×1)
Output(one screen)	
1×BNC	12G/6G/3G/HD/SD-SDI (×1)
Remote Interface	
1×RJ45	10/100M Ethernet Input Interface
1×RJ45	GPI/RS422Input Interface, Used for TSL3.1/TSL4.0 protocol control
Audio In & Out	
Audio In	16-Channels SDI & 2-Channel outputs
Audio Out	3.5mm Headset Jack, 1×3.0W Speakers
Audio Meter	Transparent/Opaque Display
General	
Input Voltage	DC 12V & AC 100-240V 50/60Hz
Power	≤37W
Installation	19" EIA Rack 4RU
Net Weight	≈4.5kg
Accessory	Power Cord

\*Specifications may be changed without prior notice.

## FEATURES

### 3 links of 4K Signal Inputs per Screen

Each screen is equipped with 2 x 12G SDI inputs, 1 x 12G SDI output, and 1 x HDMI input, up to 3 links of 4K signals, realizing fast signal switching between SDI1, SDI2, and HDMI for each screen. In addition, each screen can input different signals to take more signals into account.



### FHD resolution, IPS LCD panel

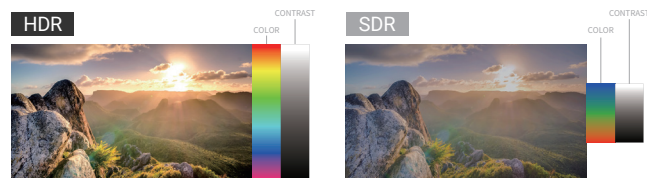
Adopts 2x10.1 inch IPS LCD panel, 1920x1200 FHD resolution, 160°H/V wide viewing angle, presenting vivid images.

### 3D LUT Calibration & LUT Files Import

Each Konvision monitor is well calibrated with 3D LUT color calibration technology before leaving the factory to ensure accurate colors. User can load and store custom 3D LUT tables through the USB port/Ethernet port, effectively simplifying the color grading process for DIT and post-production work.

### High Dynamic Range(HDR)

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



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

### Standard Color Spaces

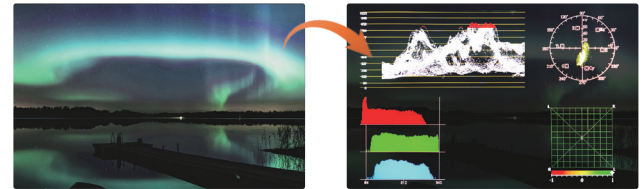
Supports various color spaces such as HD (Rec.709), UHD (BT.2020), and digital cinema (DCI-P3) specified by the ITU standard.

- Color spaces: Rec.709/EBU/DCI-P3/DCI-P3 D65/Rec.2020
- Gamma: 2.0/2.2/2.4/2.6

### Single-Screen waveform Display

Supports single-screen display of waveform, one screen for realtime monitoring, and another screen for synchronous viewing of waveforms, without overlapping with the monitoring pictures, providing a powerful and clearer waveform image. Function activation is based on internal signal association, no additional wiring is required, and the operation is simple.

#### Display corresponding waveform of the image without extra wiring



One screen displays the image

One screen displays the waveform

#### Five Optional Waveform:

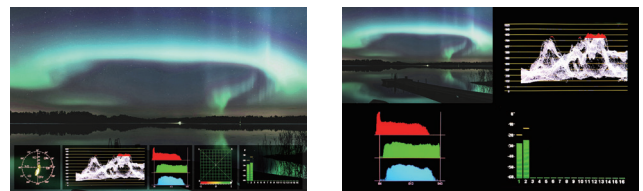


#### 3 display modes:



### Same screen display of Various Scopes View

When two screens need to be used to monitor different images at the same time, each screen can call up different waveform images to visualize the color, brightness, audio and other information in the picture to assist in judging and adjusting the picture effect.



Screen one: Normal Mode

Screen two: Quad Mode

### Customizable 3D LUT Import & Output

Users can load and save 8 custom 3D LUTs via USB port/network port. Custom LUTs can also be set to output with the video display, effectively simplifying the color grading process for DIT and post-production work.

### Professional Image Analysis Tools

