# 8K | 12G-SDI 43" PRODUCTION MONITOR

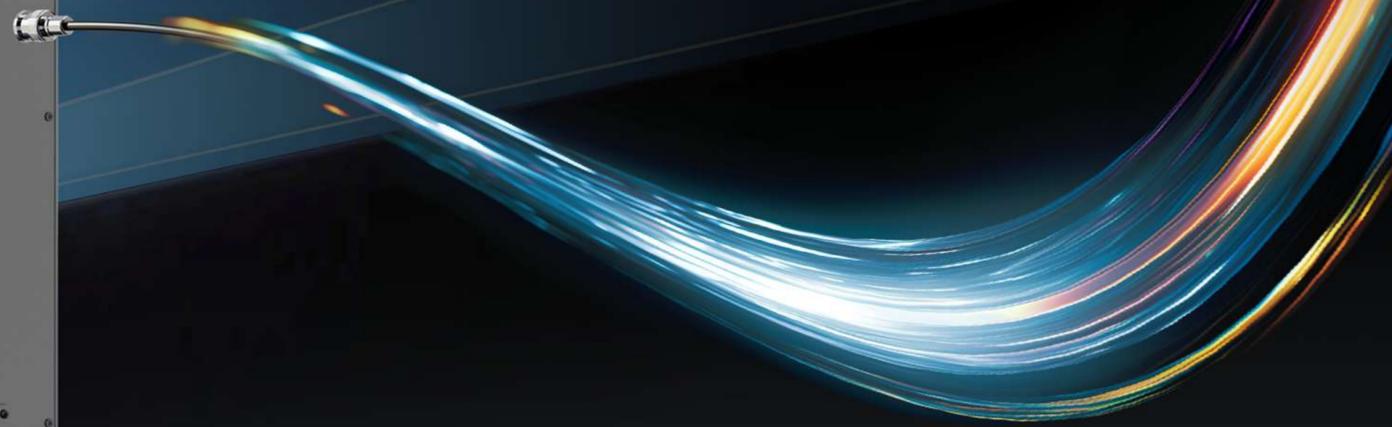## Q43-8K

Production / Broadcast monitor for professional camcorder & video camera
Application for video post production & making movies.



8K HDR
SDI 1: 1080p25Hz
Camera 1
Temp: 49°C

LILLIPUT

# 8K 12G-SDI SIGNAL

Combine four 4K 60Hz video signals into one 8K 60Hz video signal using a quad-link 12G-SDI connection.

**12G-SDI**    **12G SFP+**    **HDMI 2.0**

## Support Up to 8K 60Hz Video

In addition to the different 4K 60Hz video signals provided by four single-link 12G-SDI, the monitor with four 12G-SDI interfaces is also compliant with the ST2082-12 video protocol standard and can generate video signals up to 8K 60Hz.
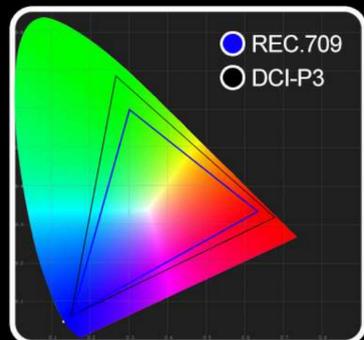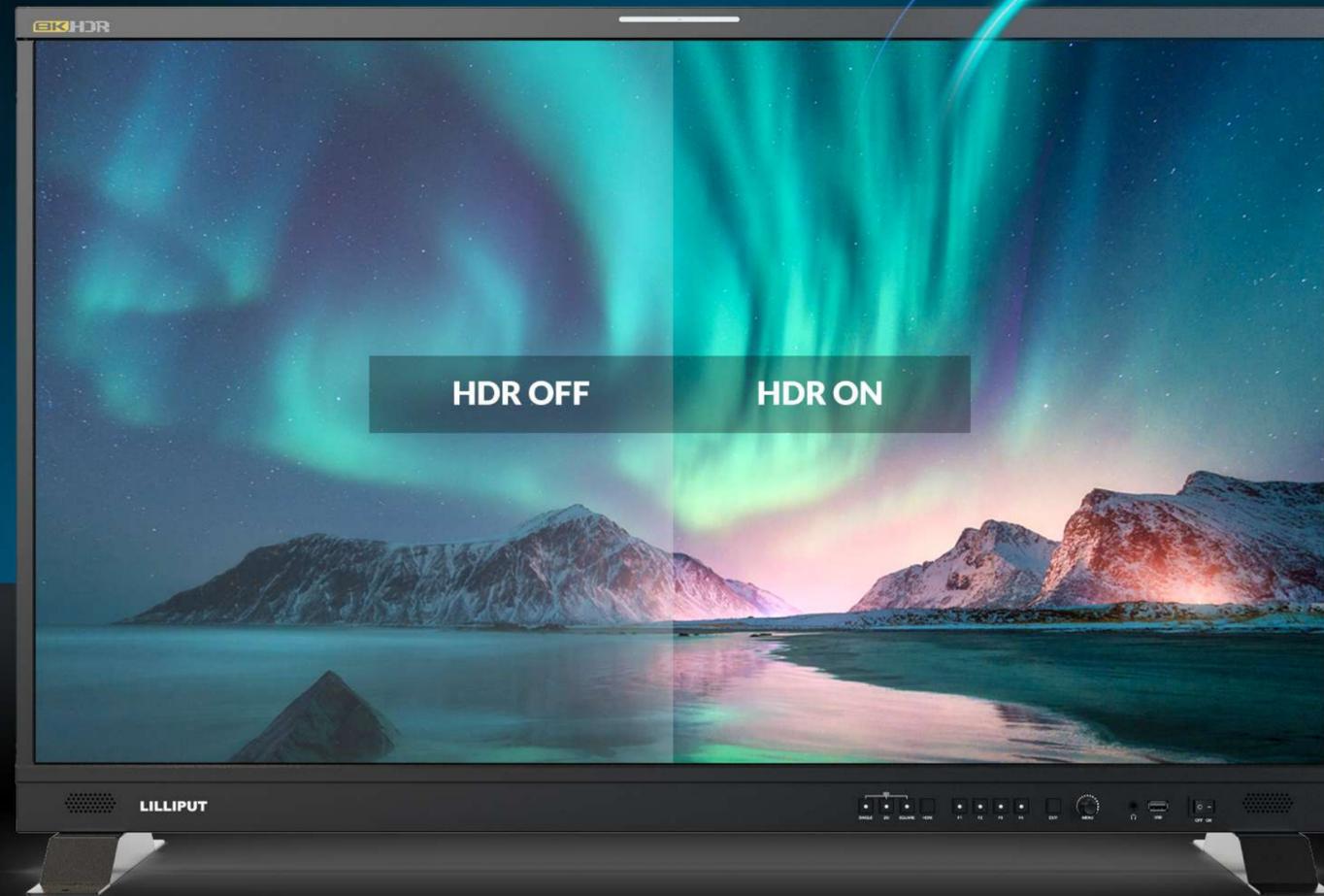
### 12G-SDI Single-Link
▶ ST2082-10
1×12G-SDI

12G-SDI Camera → ① → 4K 60Hz
Production Monitor

### 12G-SDI Quad-Link
▶ ST2082-12
4×12G-SDI

12G-SDI Camera → ① ② ③ ④ → 8K 60Hz
Production Monitor

# Accurate Color Calibration

A specific calibration to reproduce the colors of the image color space.
Color calibration supports the PRO/LTE version of ColourSpace CMS by Light Illusion.



HDR OFF          HDR ON

**COLOR SPACE**
100% Rec.709 Color Space.

**COLOR CALIBRATION**
Different calibrated color spaces such as Rec.709, NTSC, DCI-P3 can be selected.

**3D LUT**
Built-in 3D-LUT, featuring 17 defualt logs and 6 user logs.

SFP

IN   HDMI   OUT

12G-SDI 1
12G-SDI 2
12G-SDI 3
12G-SDI 4

IN   SDI   OUT

GPI   IN   RS422   OUT   LAN

1 —
4 +
DC IN

# Remote Control Application

Connect your computer to control the monitor via applications. The interfaces of RS422 In and RS422 Out can realize synchronization control of multiple monitors.
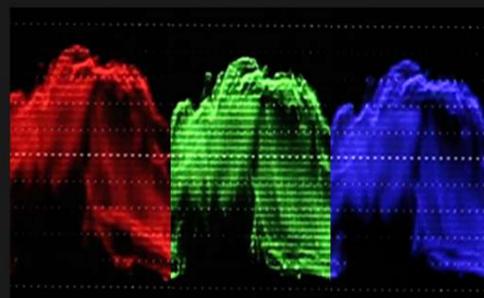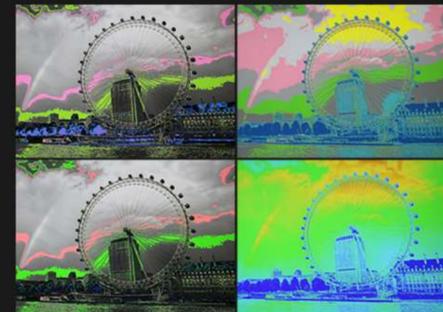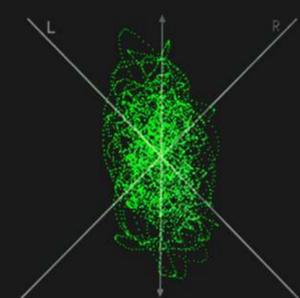
# LAN / RS422

Select an appropriate port from LAN or RS422 to connect to the user's operating interface, allowing the application to identify the monitor before control.
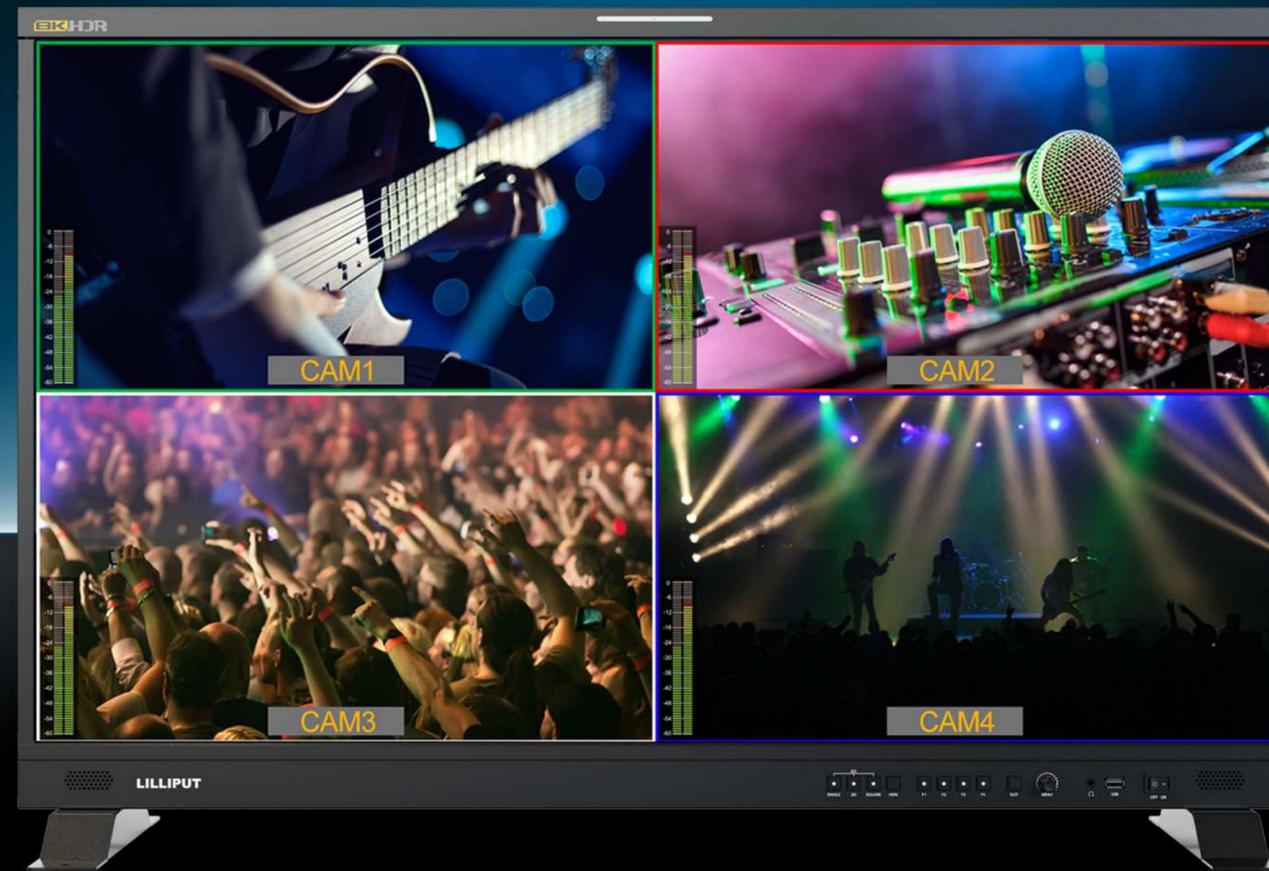
**Waveform**

**False Color**

**Audio Vector (Lissajous)**

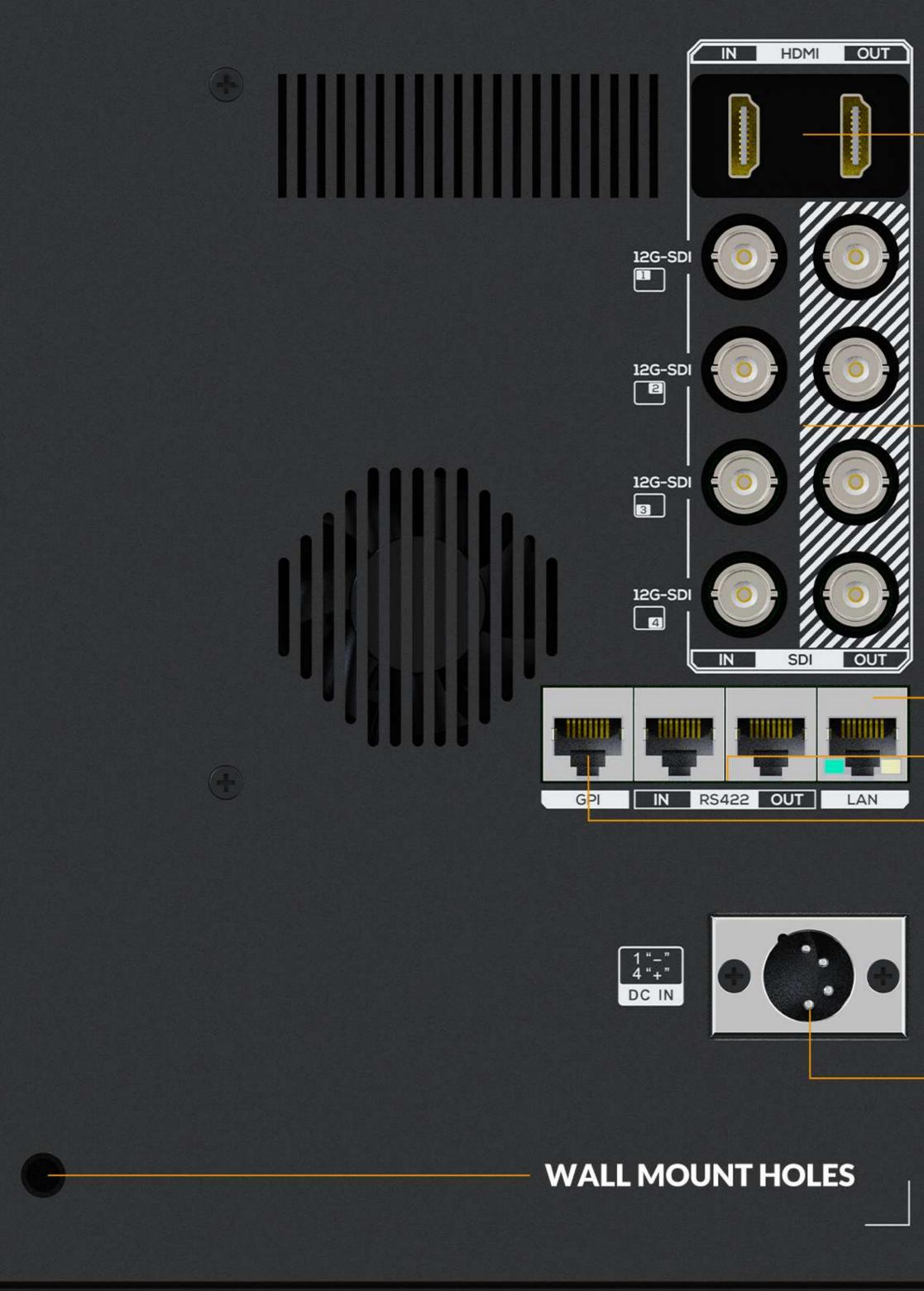| Quad-Split | Color Temp | Color Space | 3D-LUT | HDR | Gamma | UMD | Time code | Remote | Vector scope | Waveform | Audio Vector | Level meter | Histogram | Exposure | Peaking | False color | Check field | Color bar | Pixel zoom | Pix to pix | Marker | Freeze | H/V Delay |

# Quad Split Multiview

In Quad-Split Multiview mode, any input signals can be selected and changed among 12G-SDI, HDMI2.0 and 12G-SFP+
Moreover,images can be differentiated with colorful borders to enhance the senses of monitoring.



When the quad split multiview function is turned on, there are four buttons that will turn into signal switching function, and each button corresponds to one image respectively.The photographer can quickly switch between different input signals through these four buttons.

SINGLE    2SI    SQUARE    HDMI

**12G SFP+**
**Optical Fiber Module Is Optional

**HDMI 2.0 IN/OUT**

**4×12G-SDI IN/OUT**

**LAN IN**

**RS422 IN/OUT**

**GPI IN**

**24V DC POWER**

**WALL MOUNT HOLES**

# Easy-to-use

F1~F4 user-definable buttons to custom auxiliary functions as shortcut, such as peaking, underscan and checkfield. Use the Dial to select and adjust the value among of sharpness, saturation, tint and volume, etc.

# Wall Mount

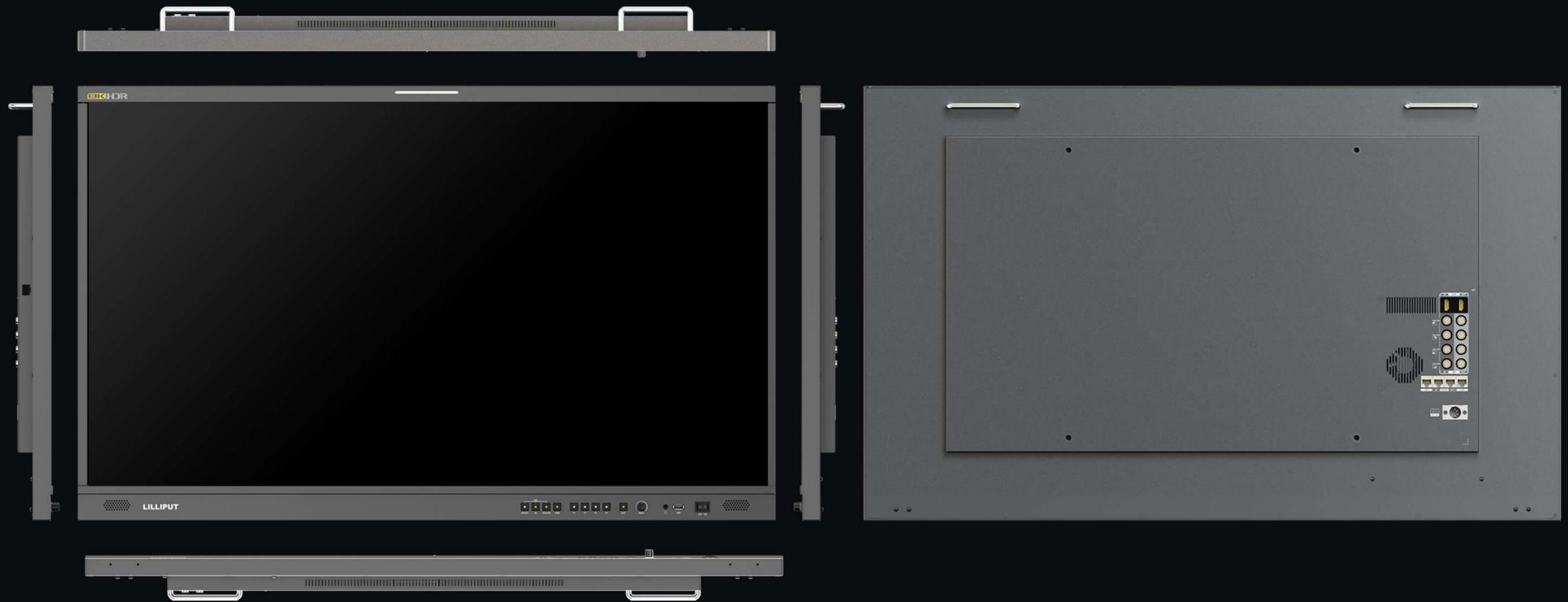Compatible with most 400x400mm wall-mounted brackets on the market. (Screw: M6/30mm)

# Studio Monitoring

Monitor can be used for 4K video monitoring in the studio, and can also be combined with other video monitor to create a video wall.

LONDON
07:19:30

AUCKLAND
19:19:30

# ACCESSORIES

**STANDARD**



24V 7.5A DC Adapter



Base Brackets



USB Drive Stick

**OPTIONAL**



SFP Optical Fiber Module

# SPECIFICATIONS

| | | |
|---|---|---|
| **DISPLAY** | Panel | 43" |
| | Physical Resolution | 3840×2160 |
| | Aspect Ratio | 16:9 |
| | Brightness | 400cd/m$^2$ |
| | Contrast | 1200:1 |
| | Viewing Angle | 178°/ 178°(H/V) |
| | HDR | ST2084 300/1000/10000/HLG |
| | Supported Log formats | SLog2 / SLog3 / CLog / NLog / ArriLog / JLog or User… |
| | Look up table (LUT) support | 3D LUT (.cube format) |
| | Calibration | Calibration to Rec.709 with calibration meter |
| **VIDEO INPUT** | SDI | 4×12G, (Supported 8K-SDI Formats Quad Link) |
| | SFP | 1×12G SFP+(Fiber module for optional) |
| | HDMI | 1×HDMI 2.0 |
| **VIDEO LOOP OUTPUT** | SDI | 4×12G, (Supported 8K-SDI Formats Quad Link) |
| | HDMI | 1×HDMI 2.0 |
| **SUPPORTED FORMATS** | SDI | 4320p 24/25/30/50/60, 2160p 24/25/30/50/60, 1080p 24/25/30/50/60, 1080pSF 24/25/30, 1080i 50/60… |
| | SFP | 2160p 24/25/30/50/60, 1080p 24/25/30/50/60, 1080pSF 24/25/30, 1080i 50/60, 720p 50/60… |
| | HDMI | 2160p 24/25/30/50/60, 1080p 24/25/30/50/60, 1080i 50/60, 720p 50/60... |
| **Audio In/Out (48kHz PCM Audio)** | SDI | 16ch 48kHz 24-bit |
| | HDMI | 8ch 24-bit |
| | Ear Jack | 3.5mm |
| | Built-in Speakers | 2 |
| **REMOTE CONTROL** | RS422 | In/out |
| | GPI | 1 |
| | LAN | 1 |
| **POWER** | Input Voltage | DC 24V |
| | Power Consumption | ≤77W (24V) |
| **ENVIRONMENT** | Operating Temperature | 0℃~50℃ |
| | Storage Temperature | -20℃~60℃ |
| **OTHER** | Dimension(LWD) | 968.5 × 604.9 × 48.5mm |
| | Weight | 14.5kg |

Note: Due to constant effort to improve products and product features, specifications may change without notice.