



17.3"

PRO 12G-SDI Broadcast / Production Monitor

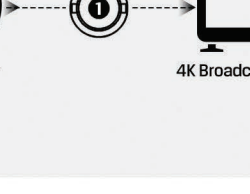
12G-SDI
12G SFP
4K HDMI

HDR
3D-LUT

REMOTE CONTROL

12G-SDI / 4K HDMI Signal

12G-SDI, 12G SFP+, 4K HDMI and other signal transmission methods are integrated into this display, to avoid being lost in the choice question for video signals.



Equipped with 12G-SDI, 3G-SDI and HDMI 2.0 (input/output) interfaces, it can support up to 4096x2160 (60p, 50p, 30p, 25p, 24p) & 3840x2160 (60p, 50p, 30p, 25p, 24p) signal.

12G SFP+ interface, which allows to transmit 12-SDI signal via SFP optical module, is suitable for most broadcast field.



12G-SDI Single-Link

ST2085-10 12G-SDI
ST2085-11 12G SFP+



12G-SDI Dual-Link

ST2085-11 12G-SDI
ST425-3 12G SFP+



12G-SDI Quad-Link

ST425-5 12G-SDI
ST425-3 12G SFP+



4K Broadcast Monitor
4K Broadcast Monitor
4K Broadcast Monitor
4K Broadcast Monitor



COLOR Calibration

Color Spaces

It is different from the red angle color space "Native" mode used to match the colors of its screen, there are also three modes to choose, including "SMPT-C", "Rec709" and "EBU". Aim to restore the original color in different color space picture.

Color Temperature

According to the different senses of the pictures, filmmaker have their own preferences for different color temperatures. The default is 3200K / 5500K / 6500K / 7200K / 8200K five color temperature conditions, can also be customized according to user needs.

Gammas

Gamma redistributes tonal level closer to how our eyes perceive them. Since Gamma value is adjusted from 1.8 to 2.6, more bits would be left to describe the dark tones where the camera is relatively less sensitive.

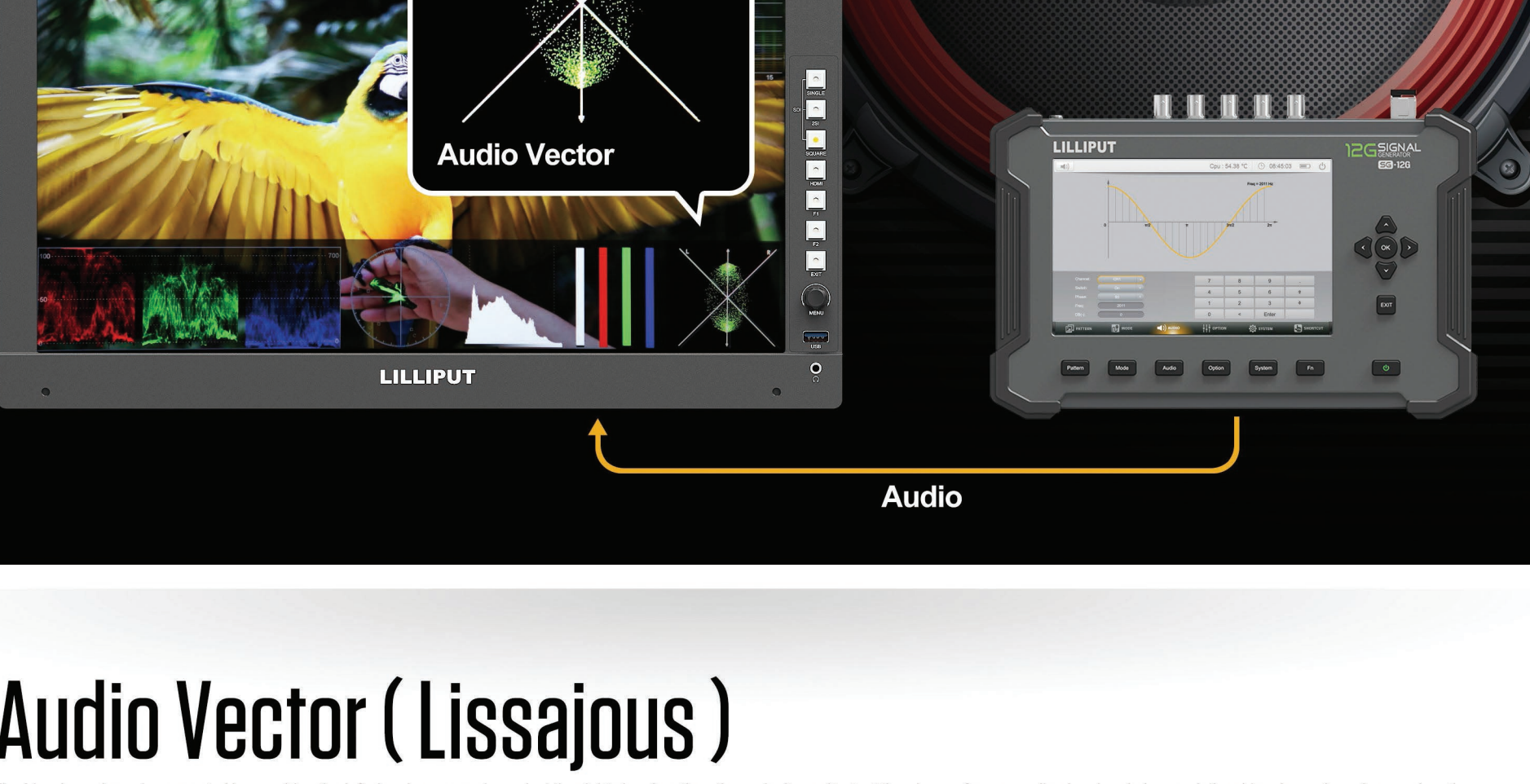
Remote Control Application

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.

- Picture**: Brightness, contrast, saturation, tint, sharpness, backlight and color temperature can be controlled in this pattern.
- Marker**: Skip the complex menu options and select necessary marker directly.
- Function**: Includes waveform, histogram, and other features in this pattern.
- Source**: Switch between four different SDI signals and single HDMI signal.
- Audio**: Any audio channel can be matched and control level meter and audio vector.
- UMD**: Control the color of Tally, as well as the text format of the UMD.



Audio Vector (Lissajous)

The Lissajous shape is generated by graphing the left signal on one axis against the right signal on the other axis. It is used to test the phase of mono audio signal and phase relationships depends on its wavelength. Complex audio frequency content will make the shape look like a complete mess so it is usually used in post production.

WAVEFORM

Quickly and easily check under or over exposure as well as color and white balance issues on pictures.

HISTOGRAM

A display that indicates how many of the pixels in a photo are at that given level of brightness.

FALSE COLOR

An image that depicts an object in colors that differ from those a photograph (a true-color image) would show. Supports ARRI, RED False color.

USER MARKERS

Adjusting the lines of four directions to shape any type of safety marker if can also weaken the sense of existence of the image outside the marker.

PEAKING FOCUS

It highlights the areas that are in focus so you are able to quickly focus the camera and not miss crucial shots.

EXPOSURE

Areas of the image over a certain threshold are filled with a striped pattern to dramatically highlight areas where too much light is falling on the image sensor.

CHECK FIELD

When enabled, hue and saturation can be adjusted quickly and accurately especially in broadcast area display.

ASPECT RATIO

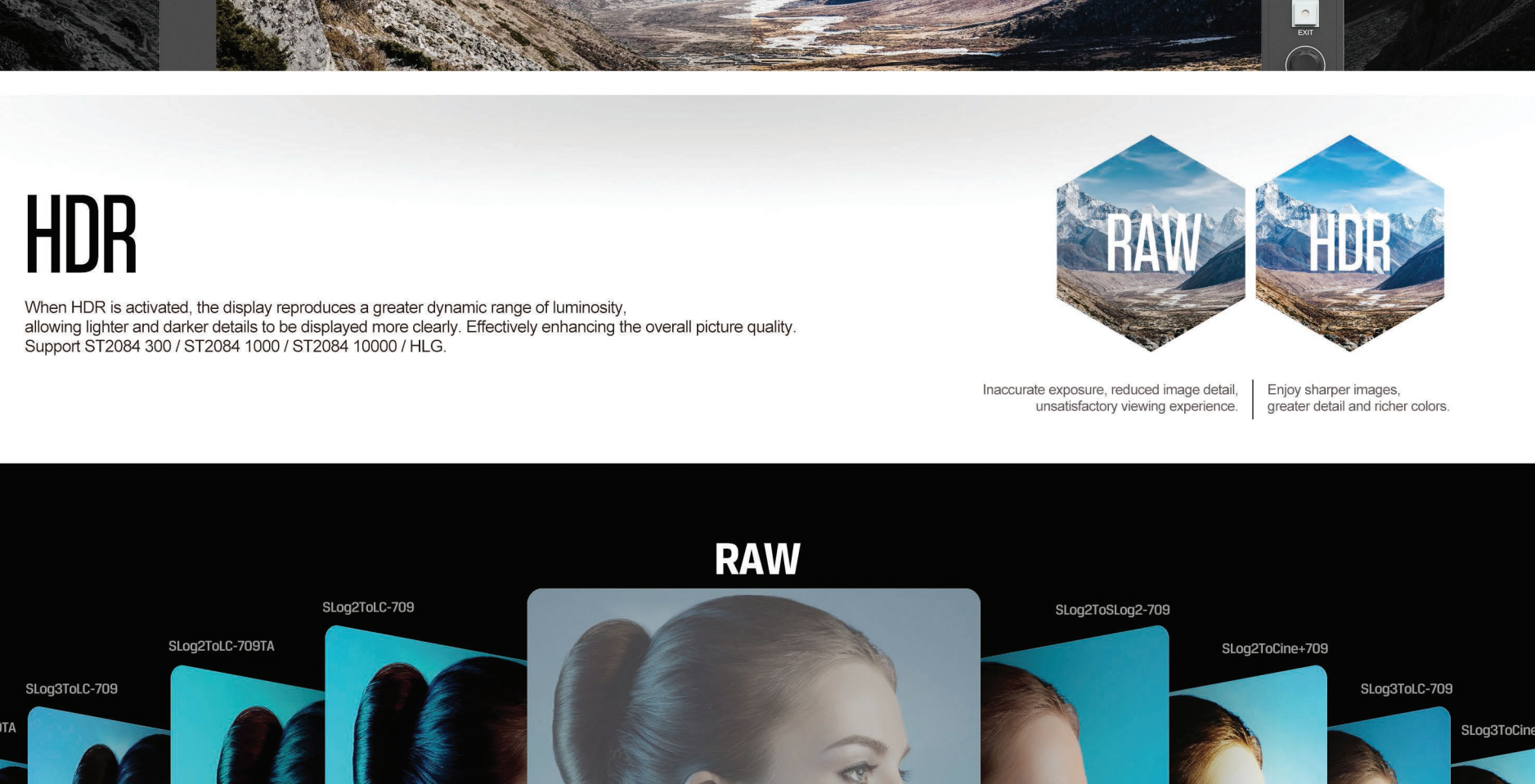
Provides a wide variety of aspect ratio to match different camera anamorphic lenses.

ZOOM

Zoom in and out by adjusting the horizontal and vertical axis of the screen position.

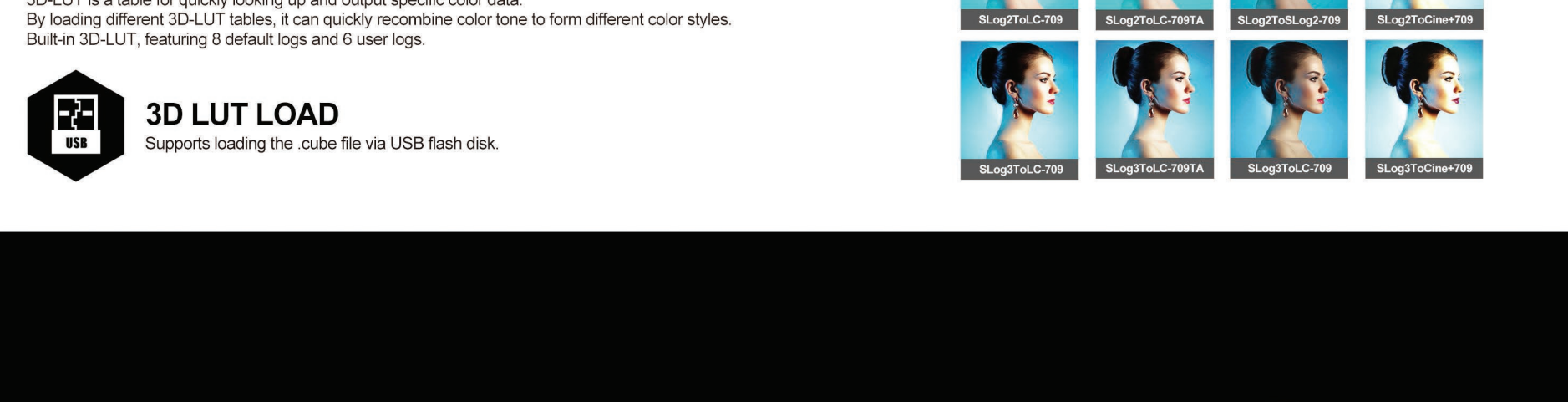
Camera Auxiliary Functions

Q17 provides plenty of auxiliary functions for taking photos and making movies, such as peaking, false color and audio level meter.



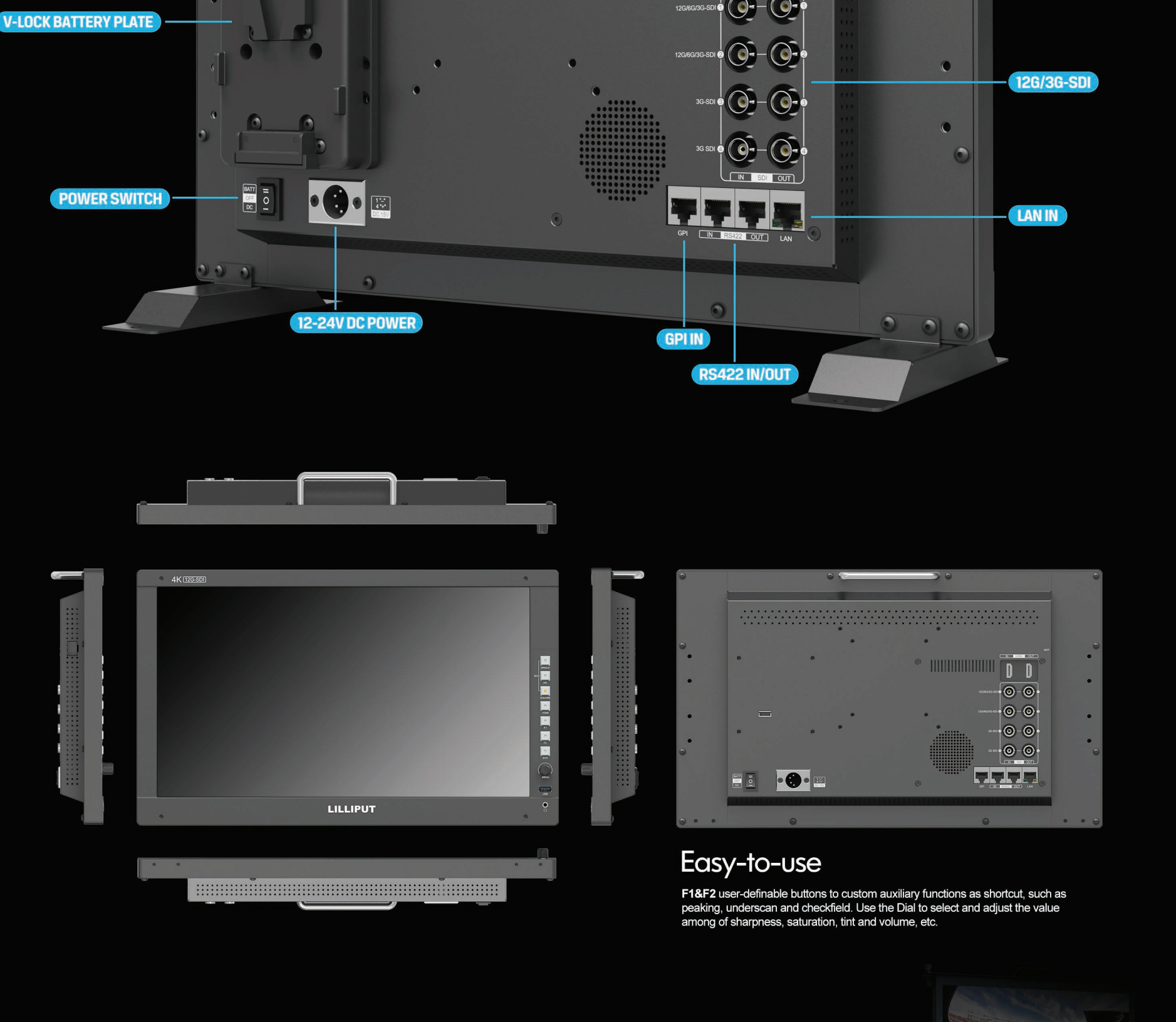
HDR
When HDR is activated, the display reproduces a greater dynamic range of luminosity, allowing lighter and darker details to be displayed more clearly. Effectively enhancing the overall picture quality. Support ST2084-300 / ST2084-1000 / ST2084-10000 / HLG.

RAW
Inaccurate exposure, reduced image detail, unsatisfactory viewing experience.
Detail sharper images, greater detail and richer colors.



3D LUT
3D LUT is a table for quickly looking up and output specific color data. By loading different 3D LUT tables, it can quickly recombine color tone to form different color styles. Built-in 3D LUT, featuring 8 default logs and 8 user logs.

3D LUT LOAD
Supports loading the .cube file via USB flash disk.



EASY-to-use

Fast & easy to use. You can define buttons to custom auxiliary functions on shortcut, such as peaking, underexposed and overexposed. Use the Dial to select and adjust the value among of sharpness, saturation, tint and volume, etc.

SPECIFICATIONS		
	Physical Resolution	17.3"
	Aspect Ratio	16:9
DISPLAY	Brightness	300cd/m ²
	Contrast	1200:1
	Viewing Angle	170° / 170° (H/V)
	Anamorphic de-squeeze	2x, 1.5x, 1.33x
	HDR	ST2084 300/1000/10000/HLG
VIDEO INPUT	Supported Log formats	Sony SLog / SLog2 / SLog3 or User...
	Look up table (LUT) support	3D LUT (cube format)
VIDEO LOOP OUTPUT	Technology	Calibration to Rec709 with optional calibration unit
	SDI	2x12G, 2x3G (Supported 4K-SDI Formats Single/Quad Link)
SUPPORTED FORMATS	SFP	1x12G SFP+(Fiber module for optional)
	HDMI	1xHDMI 2.0
Audio In/Out (48kHz PCM Audio)	SDI	2x12G, 2x3G (Supported 4K-SDI Formats Single/Dual/Quad Link)
	HDMI	1xHDMI 2.0
REMOTE CONTROL	SDI	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...
POWER	Input Voltage	16ch 48kHz 24-bit
	Power Consumption	8ch 24-bit
ENVIRONMENT	Operating Temperature	3.5mm - 2ch 48kHz 24-bit
	Storage Temperature	2
OTHER	Dimension(L*W*D)	RS422 In/out
	Weight	LAN 1

ACCESSORIES

