



17.3"

PRO 12G-SDI Production Monitor

12G-SDI
12G SFP
4K HDMI

HDR
3D-LUT

REMOTE
CONTROL

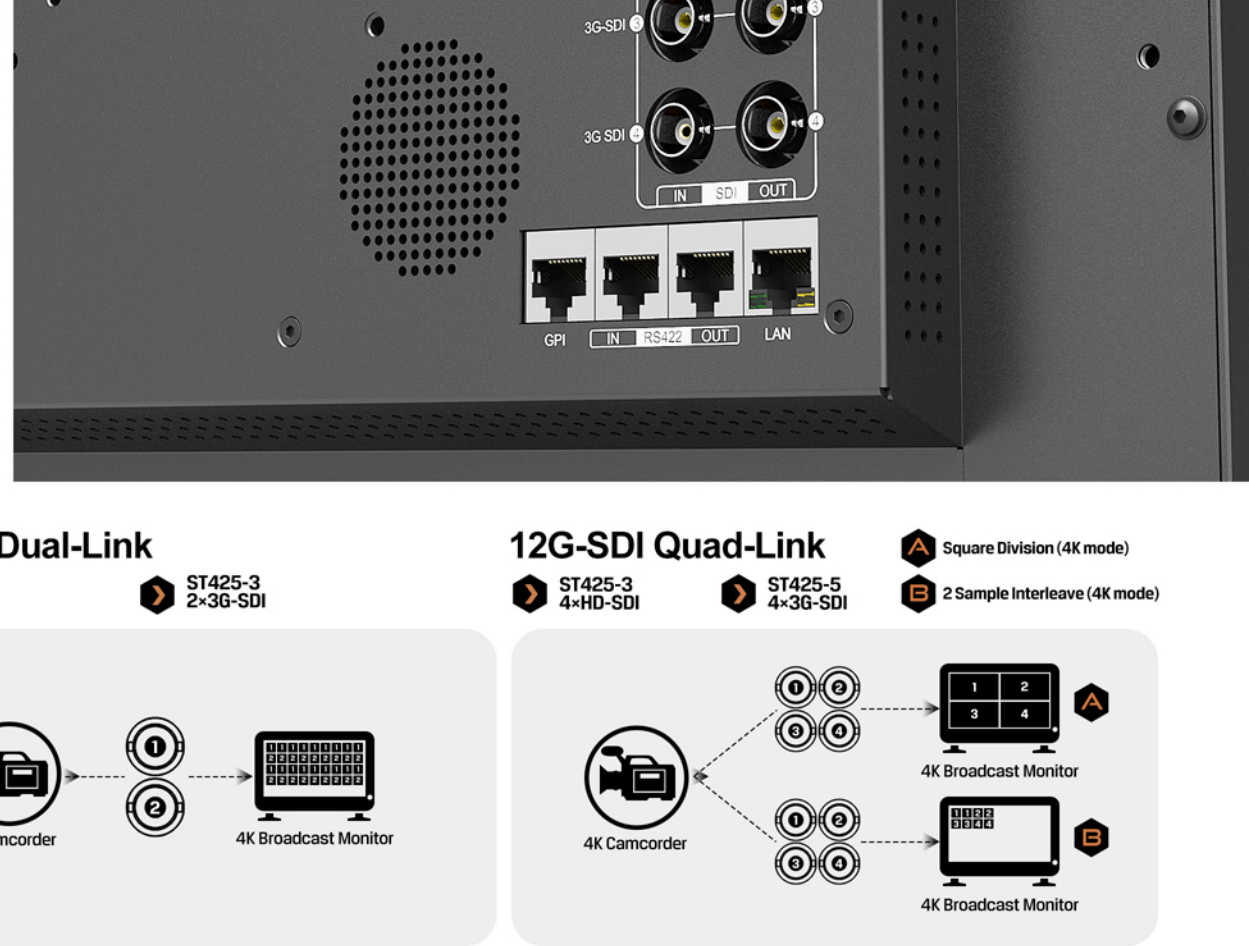
12G-SDI / 4K HDMI Signal

12G-SDI, 4K HDMI, 12G SFP+ 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 4096×2160 (60p, 50p, 30p, 25p, 24p) & 3840×2160 (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

ST2082-10 12-SDI-SDI
ST2081-10 12G SFP+
HDMI 2.0



12G-SDI Dual-Link

ST2081-11 2-SDI-SDI
ST425-3 2-SDI-SFP



12G-SDI Quad-Link

ST425-3 2-4HD-SDI
ST425-5 4-SDI-SDI
2 Sample Interleave (4K mode)
Square Division (4K mode)



COLOR Calibration

Color Spaces

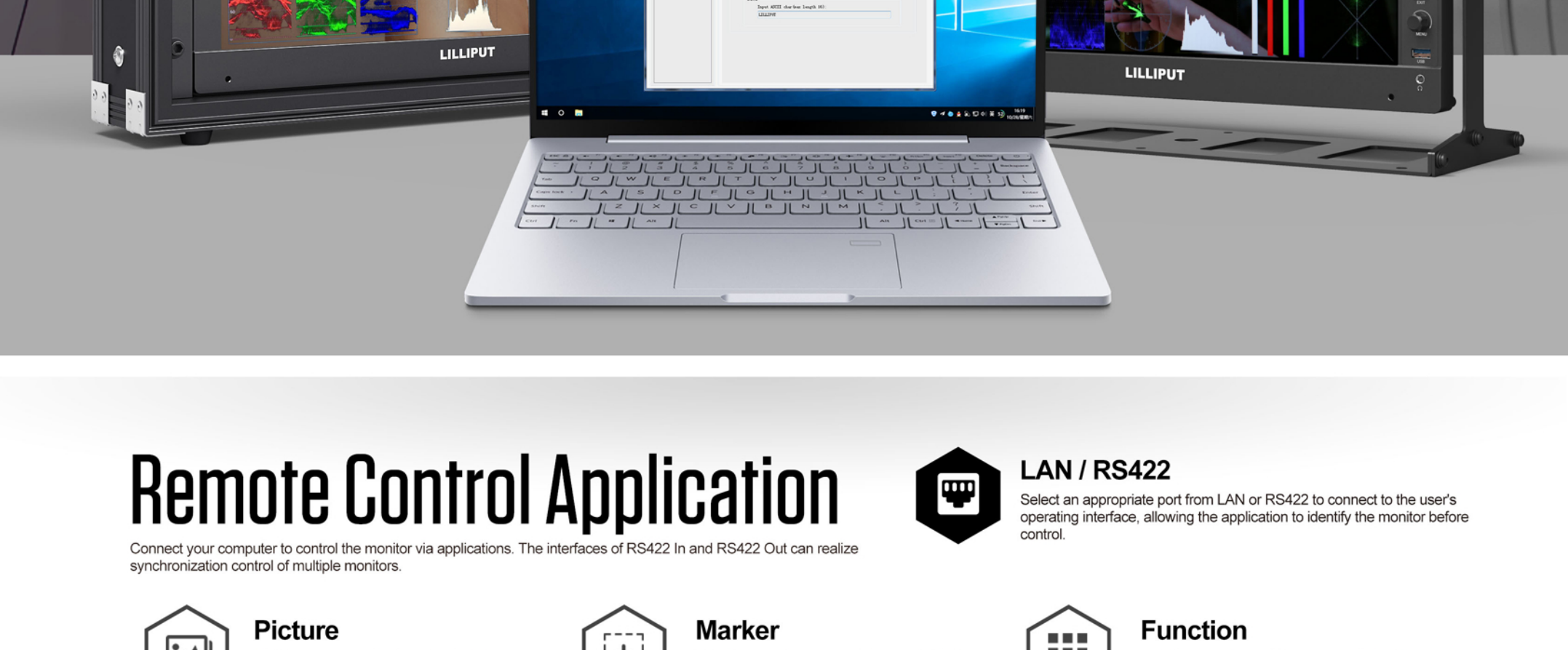
It is different from the old single color space. "Native" mode used to match the colors of its screen, there are also three modes to choose, including "SMPTC_C", "Rec709" and "EBU". Aim to restore the original color in different color spaces picture.

Color Temperature

According to the different senses of the picture, filmmaker have their own preferences for different color temperatures. The default is 3200K / 5600K / 6500K / 7500K / 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 2.8, more bits would be left to describe the dark tones where the camera is relatively less sensitive.

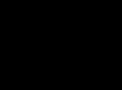


Remote Control Application

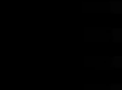
Connect your computer to the monitor via applications. The interfaces of RS422 In and RS422 Out can realize synchronization control of multiple monitors.

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.



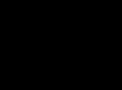
Picture
Brightness, contrast, saturation, tint, sharpness, backlight and color temperature can be controlled in this pattern.



Marker
Skip the complex menu options and select necessary marker directly.



Function
Includes waveform, histogram, and other features in this pattern.



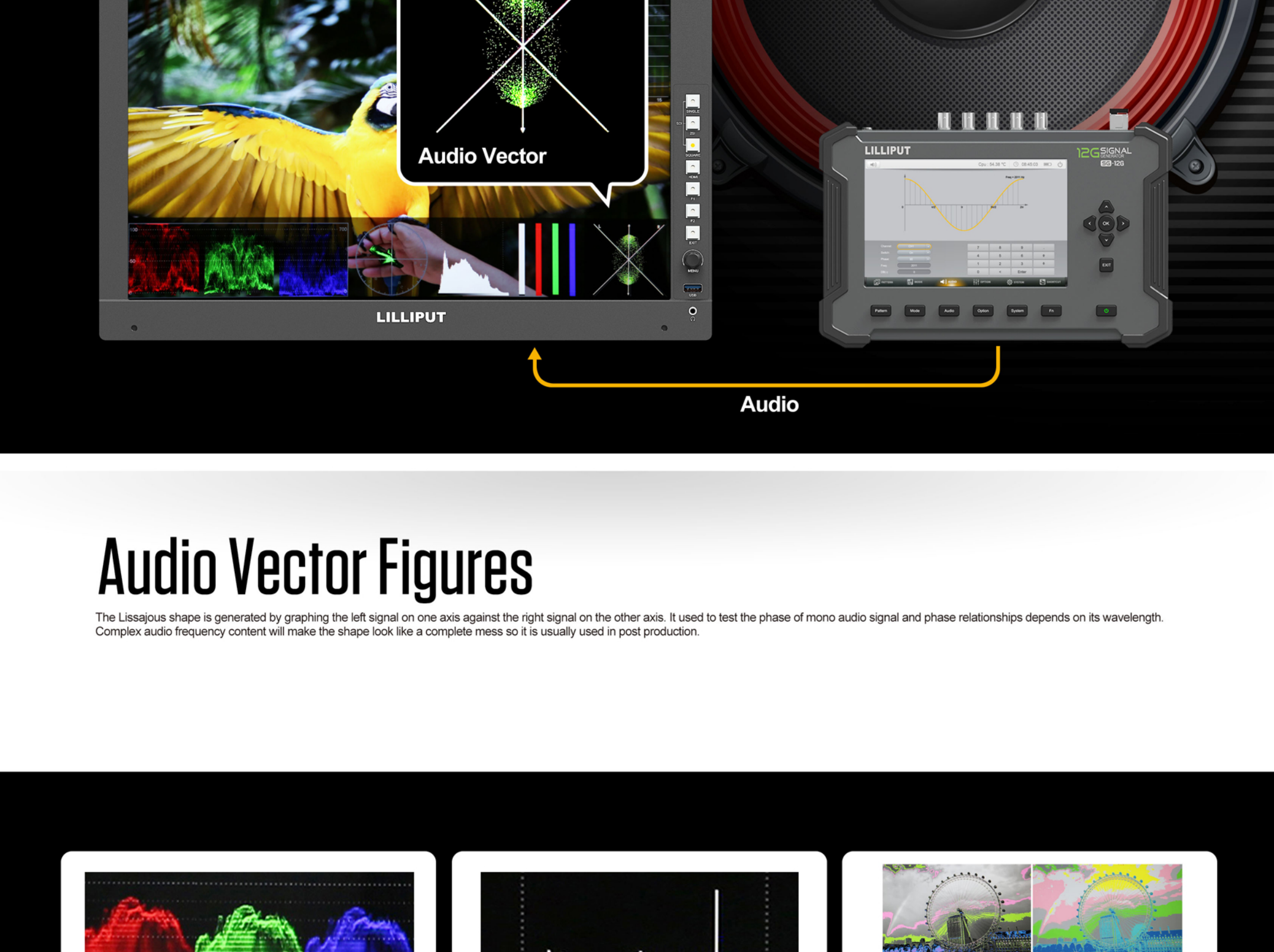
Source
Switch between four different SDI signals and single HDMI signal.



Audio
Any audio channel can be matched and control level master and audio vector.

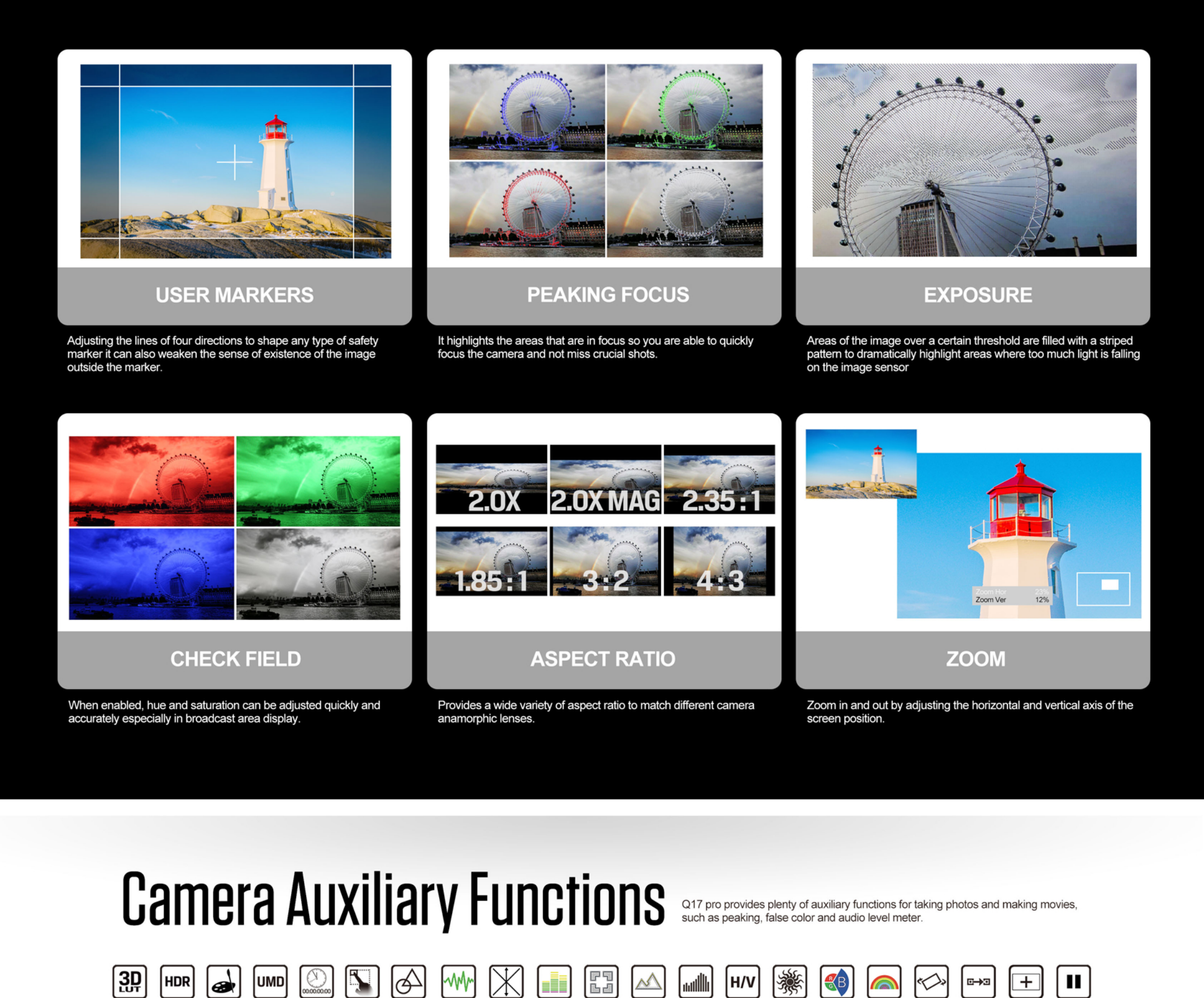


UMD
Control the color of Tally, as well as the text format of the UMD.



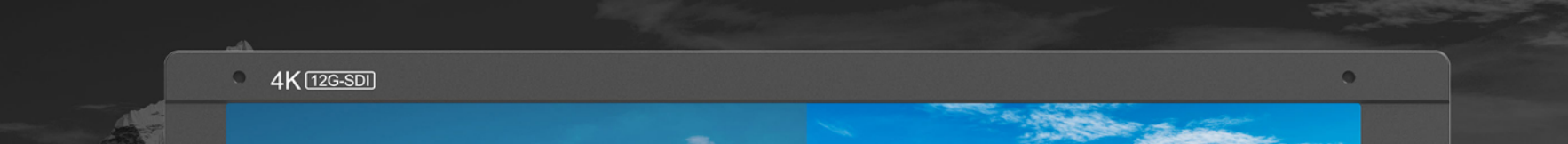
Audio Vector Figures

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 avoided in post production.



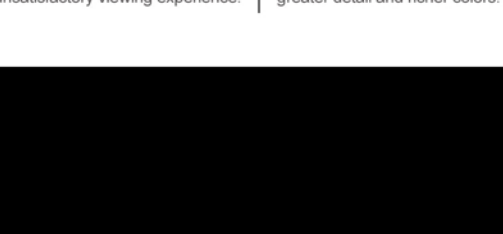
Camera Auxiliary Functions

Q17 pro 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 12094:300/1312094:1000/ST2094:1000V/HLG.

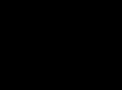


Incorporate exposure, reduced image detail, unsatisfactory viewing experience.
Enjoy sharper images, greater detail and richer colors.



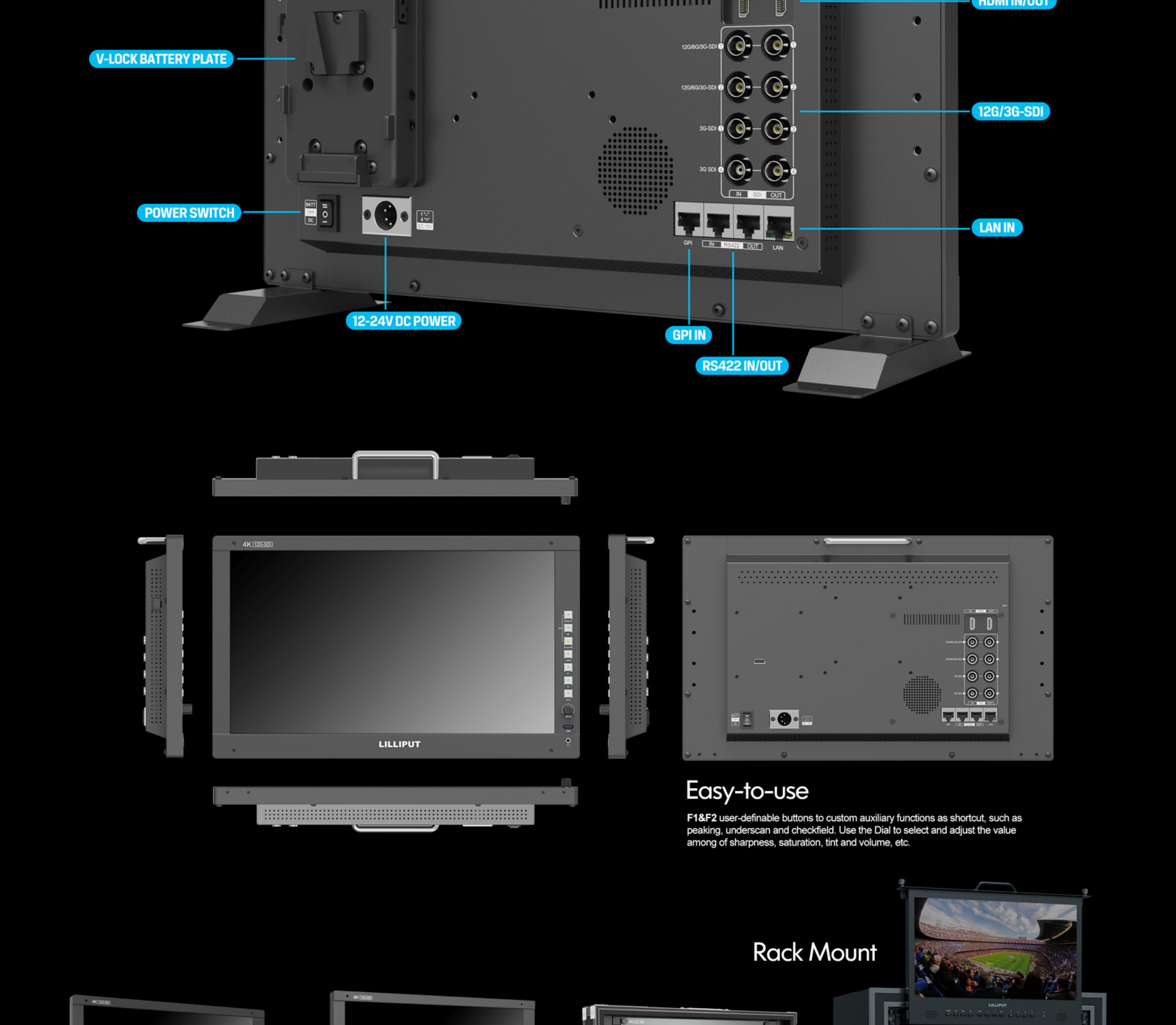
3D LUT

3D-LUT is a table for quickly looking up and output specific color data. By loading different 3D-LUT tables, it can quickly recalculate color tone to form different color styles. Rec. 709 color space with built-in 3D-LUT, featuring 8 default logs and 6 user logs.



3D LUT LOAD

Supports loading the .cube file via USB flash disk.



VESA 75/100MM HOLES, V-LOCK BATTERY PLATE, POWER SWITCH, 12-24V DC POWER, B+ IN, RS422 IN/OUT, 12G SFP+, HDMI IN/OUT, 12G/3G-SDI, LAN IN.

Easy-to-use

F1&F2 user-definable buttons to custom auxiliary functions as shortcut, such as peaking, underfocus and chaffed. Use the Dial to select and adjust the value among of sharpness, saturation, tint and volume, etc.

Rack Mount



Base Mount, Gimbal Bracket, Carrying Case, Rack Mount.

SPECIFICATIONS | ACCESSORIES

DISPLAY	Panel	17.3"
	Physical Resolution	1920×1080
INPUT	Aspect Ratio	16:9
	Brightness	300cd/m ²
	Contrast	700:1
	Viewing Angle	178° / 178° (H/V)
	Pixel Pitch	0.1989(H) × 0.1989(V)
	12G-SDI & 3G-SDI	2 / 2
	12G SFP+	1
	USB	1
	RS422	1
	OUTPUT	HDMI
RS422		2 / 2
AUDIO	HDMI	HDMI 2.0 (support 4K 60Hz)
	Speaker	2
POWER	Ear Jack	1
	Current	2.5A
ENVIRONMENT	Input Voltage	DC 12-24V
	Power Consumption	332W (115V)
	Operating Temperature	0°C~50°C
DIMENSION	Storage Temperature	-20°C~80°C
	Dimension(LWD)	434mm × 263mm × 54mm
	Weight	3.2kg

