FEELWORLD SA-FW759

FEELWORLD LUT6 6-Inch DSLR Camera Field Monitor User Manual

Model: SA-FW759

1. Introduction

The FEELWORLD LUT6 is a 6-inch ultra-bright field monitor designed for DSLR cameras, offering a 2600nits display, HDR support, 3D LUT capabilities, and a responsive touch screen. It provides essential monitoring tools like Waveform, VectorScope, and Histogram, along with 4K HDMI input and output, making it an ideal companion for professional video production.



Image: The FEELWORLD LUT6 monitor showcasing its advanced monitoring features.

2. Package Contents

Please verify that all items listed below are included in your package:

- 1x FEELWORLD LUT6 Monitor
- 1x Mini/Micro HDMI to HDMI Cable
- 1x Tilt Arm
- 1x User Manual

Note: Battery and power adapter are not included and must be purchased separately.

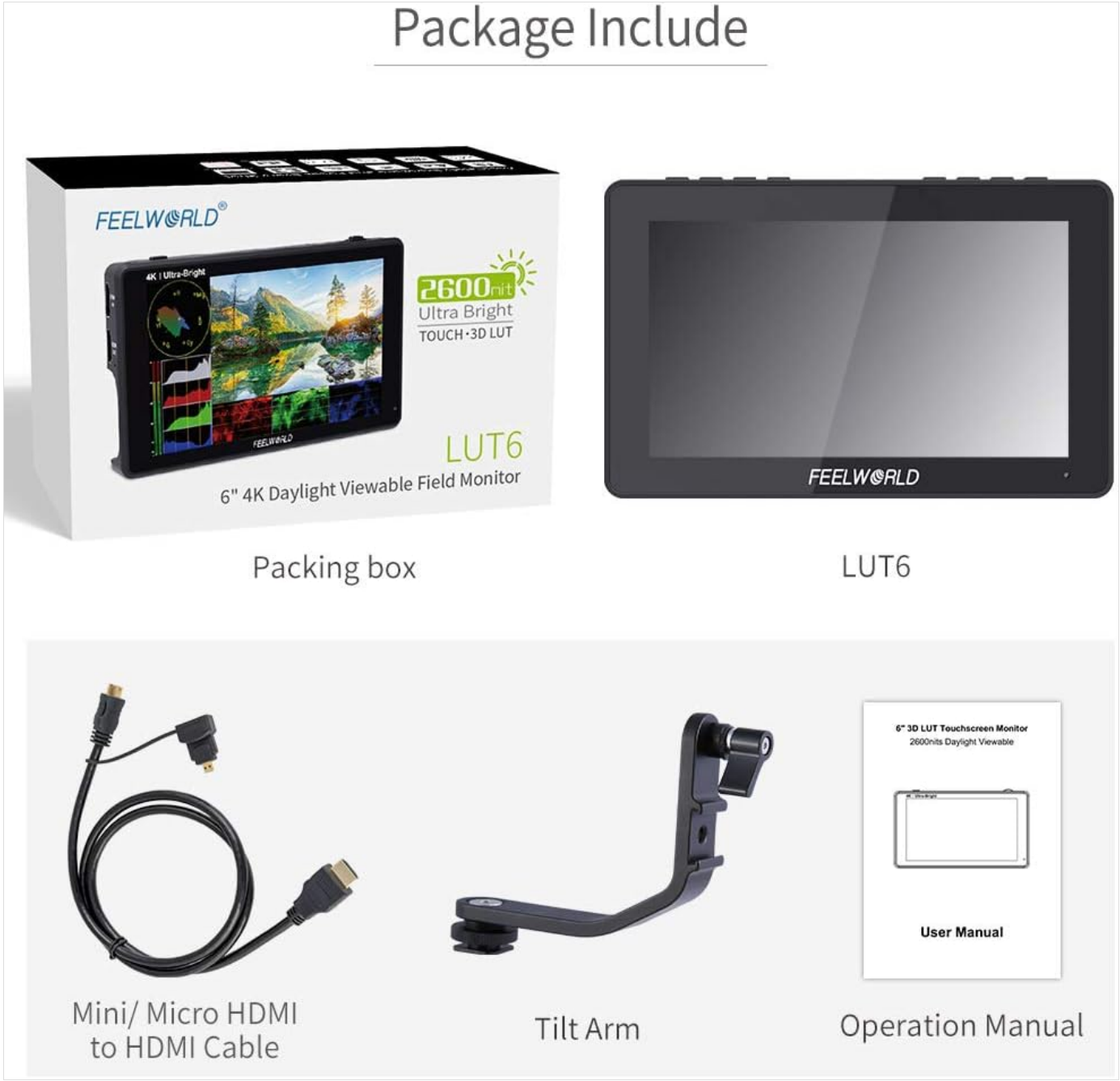


Image: Visual representation of the items included in the FEELWORLD LUT6 package.

3. Setup and Powering

3.1. Mounting the Monitor

The LUT6 monitor can be mounted using the included tilt arm. This arm allows for 360-degree rotation, providing flexible viewing angles from top to bottom and left to right. It features a cold shoe mount and a 1/4" thread hole for versatile attachment to your camera or rig.

3.2. Powering the Monitor

The monitor is compatible with F970 series batteries (F970, F960, F950, F930, F770, F750, F730, F570, F550, F530, QM91D, QM90D, QM71D, QM70D, QM51D, QM71, FM71, FM70). It also provides an auxiliary 8.4V DC power output, allowing you to power your camera via a dummy battery (optional, not included).



Image: The monitor's multi-angle viewing capability and power output options.

4. Operating the Monitor

4.1. Touch Screen Operation

The LUT6 features an intuitive touch screen interface. You can adjust brightness and volume by swiping up or down on the screen. Swipe from the bottom of the screen to access the shortcut menu, and double-click to customize features.



Image: Demonstrating the touch screen controls and menu navigation.

4.2. Custom 3D LUTs

The monitor supports loading up to 50 custom 3D LUTs (Look Up Tables) via an SD card (FAT32 and NTFS supported). This allows for real-time preview of filming looks during field shooting, ensuring your camera settings align with your creative vision.

4.3. HDR and Color Display

The LUT6 displays HDR (High Dynamic Range) signals, providing incredible clarity and detail. With a 1920 x 1080 resolution, 1000:1 contrast ratio, and sRGB / Rec.709 Color Gamut, it delivers sharper and richer colors for accurate image representation.



Image: The monitor's HDR and color accuracy capabilities.

4.4. Monitoring Tools

The LUT6 integrates various monitoring tools to assist with accurate exposure and focus:

- **Waveform:** Visualizes the luminance and chrominance levels of your video signal.
- **VectorScope:** Displays the color information of your video signal.
- **Histogram:** Shows the distribution of tones in your image.
- **Focus Assist:** Highlights in-focus areas for precise focusing.
- **False Colors:** Helps evaluate exposure levels.
- **Exposure (Zebras):** Indicates overexposed areas.
- **Anamorphic Mode:** De-squeezes anamorphic footage.
- **Nine Grid:** Assists with composition using a grid overlay.
- **Embedded Audio Monitoring:** Displays audio levels.



Image: The monitor's comprehensive suite of professional monitoring tools.

4.5. HDMI Input and Output

The monitor features 4K HDMI input and loop-out, allowing you to connect to your camera and simultaneously output the signal to another display. Supported HDMI formats include 480i/480p/576i/576p, 720p, 1080i/1080p, 3840x2160p, and 4096x2160p at various frame rates.



Image: The HDMI ports and integrated cooling fan.

4.6. Visibility in Sunlight

With an ultra-bright 2600nit screen, the LUT6 is designed for outdoor shooting. This high brightness level, nearly five times that of conventional field monitors, allows for clear visibility even in bright daylight without the need for a sun hood, minimizing reflections and ensuring image clarity.



Image: Comparison illustrating the superior sunlight visibility of the 2600nit screen.

4.7. Product in Use

Observe the FEELWORLD LUT6 monitor in a professional production environment, demonstrating its practical application and integration with camera setups.

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Video: Behind the Scenes Masterpiece in Art. This video showcases the FEELWORLD monitor being used during a professional video shoot, highlighting its role in monitoring footage.

5. Care and Maintenance

To ensure the longevity and optimal performance of your FEELWORLD LUT6 monitor, follow these guidelines:

- Clean the screen and body with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- Protect the monitor from extreme temperatures, humidity, and direct sunlight when not in use.
- Store the monitor in a protective case to prevent scratches and damage.
- The built-in fan will automatically activate when the backlight brightness exceeds 80% to dissipate heat, ensuring stable

operation.

6. Troubleshooting

6.1. Fan Operation

The monitor includes a built-in fan designed to prevent overheating. If the backlight brightness is set above 80%, the fan will automatically turn on to ensure proper heat dissipation. This is normal operation and indicates the cooling system is functioning as intended.

6.2. Image Not Displaying

Ensure that the HDMI cable is securely connected to both the camera and the monitor. Verify that the camera's output settings match the monitor's input capabilities (e.g., resolution, frame rate).

6.3. Touch Screen Unresponsive

If the touch screen is unresponsive, try restarting the monitor. Ensure your fingers are clean and dry when operating the touch screen. If the issue persists, refer to the full user manual for advanced troubleshooting or contact customer support.

7. Specifications

Feature	Detail
Model Number	SA-FW759
Screen Size	6 inches
Brightness	2600 nits
Resolution	1920 x 1080
Contrast Ratio	1000:1
Color Gamut	sRGB / Rec.709
HDMI Input/Output	4K HDMI
Item Weight	1.75 pounds
Package Dimensions	7.29 x 5.08 x 3.51 inches

8. Warranty and Support

FEELWORLD is committed to providing quality products and support. The brand was established in 2011 and has 14 years of experience in creative video technology. They offer a comprehensive product line including camera and broadcast monitors.

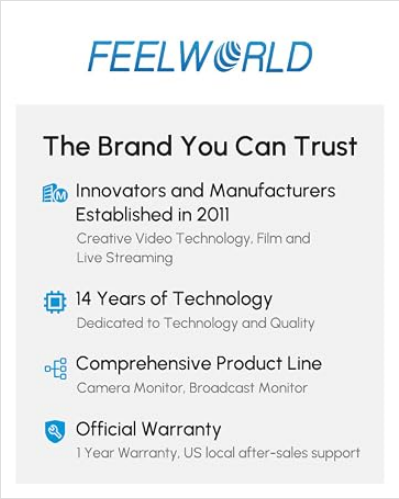


Image: Information on FEELWORLD's brand commitment and warranty.

For detailed warranty information and technical support, please refer to the official user manual PDF or visit theFEELWORLD Official Store on Amazon.

You can also download the full User Manual (PDF) here.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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