FEELWORLD T6

FEELWORLD T6 6-Inch Camera Field DSLR Video Monitor User Manual

Model: T6

1. Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your FEELWORLD T6 6-inch camera field monitor. Please read this manual thoroughly before using the product to ensure proper and safe operation.

1.1 Package Contents

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact your retailer.

- 1 × FEELWORLD T6 Monitor
- 1 × F550 2200mAh Battery
- 1 × Carry Case
- 1 × Micro HDMI Cable
- 1 × HDMI Cable
- 1 × Mini Hot Shoe Mount + Hex Wrench
- 1 × USB-A to USB-C Adapter
- 1 × Sun Shade
- 1 × User Manual

Image: The FEELWORLD T6 monitor with its complete set of accessories, including the F550 battery, carry case, various cables, hot shoe mount, USB adapter, sun shade, and user manual.

Image: The FEELWORLD T6 6-inch camera field monitor showcasing its display with a scenic landscape and active waveform and vector scope monitoring tools.

2. Setup

2.1 Powering the Monitor

The FEELWORLD T6 monitor offers flexible power options:

- **NP-F Series Battery:** Attach a compatible NP-F series battery (e.g., NP-F550, NP-F750, NP-F970) to the battery plate on the rear of the monitor. The included F550 battery provides approximately 2 hours of operation.
- **DC 12V Input:** Connect an external 12V DC power adapter to the 'DC IN 12V' port.
- **USB-C 5V Input:** For portable power, connect a 5V/2A power bank or USB power source to the USB-C port.

Image: Illustration of the various power input options for the FEELWORLD T6 monitor, including DC 12V, USB-C 5V, and NP-F series battery.

Image: A close-up of the NP-F550 battery, highlighting its 2200mAh capacity and approximately 2-hour power supply time for the T6 monitor.

2.2 Mounting the Monitor

The T6 monitor features 1/4-inch screw threads on both its vertical and horizontal dimensions for versatile mounting. Use the included mini hot shoe mount to attach the monitor to your camera's hot shoe or a camera cage.

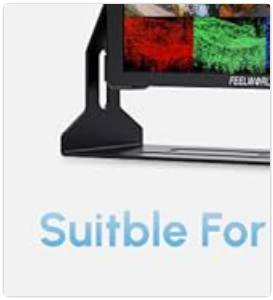

Image: A detailed view of the 1/4-inch screw threads on the FEELWORLD T6 monitor, illustrating its mounting flexibility.

2.3 Connecting to a Camera

Connect your camera or video source to the monitor using an HDMI cable. The T6 supports 4K HDMI input and output up to 4096x2160/60p & 3840x2160/60p.

- Connect one end of the HDMI cable to your camera's HDMI output port.
- Connect the other end to the 'HDMI IN' port on the left side of the T6 monitor.
- The 'HDMI OUT' port can be used to loop through the video signal to another monitor or device.

Image: A close-up of the FEELWORLD T6 monitor's side panel, showing the HDMI IN, HDMI OUT, and DC IN 12V ports.

3. Operating Instructions

3.1 Basic Controls and Menu Navigation

The T6 monitor features a button-driven interface for navigation and settings adjustment.

- **Power Button:** Press and hold to power on/off the monitor.
- **MENU Button:** Accesses the main menu. Also acts as a selection button within menus.

- **Up/Down Buttons:** Navigate through menu options.
- **EXIT Button:** Exits the current menu or goes back to the previous level.
- **F1, F2, F3 Custom Buttons:** These can be programmed for quick access to frequently used functions.

Image: Diagram illustrating the physical buttons on the FEELWORLD T6 monitor and a representation of its on-screen display (OSD) menu structure.

3.2 Professional Monitoring Functions

The T6 monitor includes a suite of professional tools to assist with accurate focus, exposure, and color analysis.

- **Waveform:** Displays the luminance and chrominance levels of your video signal.
- **Vector Scope:** Shows the color information of your image, useful for color grading.
- **Histogram:** Visualizes the tonal distribution of your image.
- **3D LUT:** Load custom 3D Look-Up Tables to preview your desired color grade in real-time. Supports up to 32 user LUTs.
- **HDR Monitoring:** When enabled, enhances the clarity of light and dark details for a more realistic visual effect.
- **Peaking Filter:** Highlights sharp edges in the image to assist with manual focusing.
- **False Colors:** Uses color overlays to represent different exposure levels, aiding in proper exposure setting.
- **Exposure (Zebras):** Displays zebra patterns over areas that are overexposed.
- **Check Field:** Displays only red, green, blue, or mono channels for color calibration.
- **Zoom:** Magnifies a portion of the image for critical focus.
- **Anamorphic Mode:** De-squeezes anamorphic footage for proper viewing.
- **Embedded Audio:** Displays audio level meters.

Image: Icons representing the various professional monitoring functions available on the FEELWORLD T6 monitor, such as 3D LUT, Waveform, Vector Scope, Histogram, Peaking Filter, and False Colors.

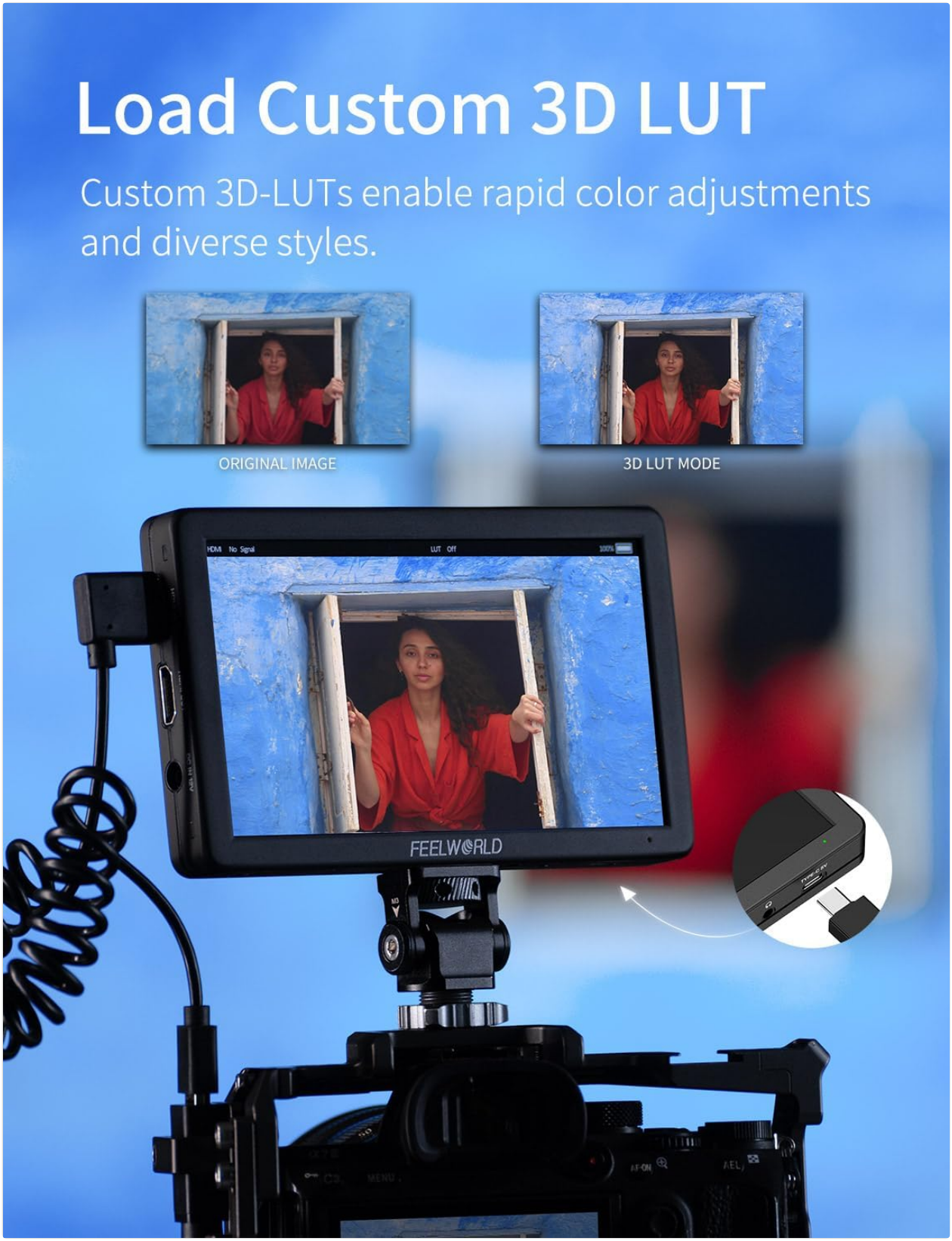

Image: The FEELWORLD T6 monitor displaying an original image alongside a 3D LUT mode preview, demonstrating the ability to load custom LUTs for color adjustments.

3.3 Language Settings

The monitor supports 12 languages. To change the language, navigate to the System menu and select 'Language'.

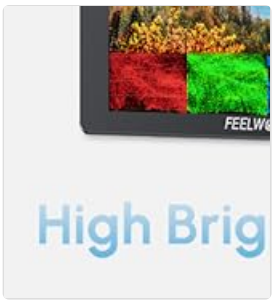

Image: A visual representation of the 12 languages supported by the FEELWORLD T6 monitor, including English, Chinese, German, French, and more.

4. Maintenance

Proper maintenance ensures the longevity and optimal performance of your FEELWORLD T6 monitor.

- **Cleaning the Screen:** Use a soft, lint-free cloth specifically designed for electronics screens. Do not use harsh chemicals or abrasive materials. Gently wipe the screen to remove dust and smudges.
- **Cleaning the Body:** Wipe the aluminum housing with a soft, dry cloth. Avoid getting liquids into the ports or buttons.
- **Storage:** When not in use, store the monitor in its protective carry case in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** If storing for extended periods, remove the battery. Recharge the battery periodically to maintain its health.

5. Troubleshooting

If you encounter issues with your FEELWORLD T6 monitor, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Monitor does not power on	Low or depleted battery; Power cable not connected; Faulty power source.	Ensure battery is charged or replace with a charged one. Verify power cable is securely connected. Try a different power source.
"No Signal" message displayed	HDMI cable not connected properly; Incorrect input selected; Camera not outputting signal.	Check HDMI cable connections. Ensure your camera is powered on and configured to output video via HDMI. Verify the monitor's input source is set correctly.
Image is distorted or incorrect colors	Incorrect display settings; Faulty HDMI cable; LUTs applied incorrectly.	Reset monitor settings to default. Try a different HDMI cable. Check if any LUTs are active and disable them if necessary.
Buttons are unresponsive	Temporary software glitch; Physical damage.	Power off and restart the monitor. If the issue persists, contact customer support.

6. Specifications

Detailed technical specifications for the FEELWORLD T6 monitor.

Feature	Specification
Screen Size	6 inches
Resolution	1920x1080 (Full HD)
Panel Type	IPS
Color Depth	8-bit
Contrast Ratio	1000:1
Viewing Angle	160° (H/V)
HDMI Input/Output	1x HDMI In, 1x HDMI Out (Supports up to 4K@60Hz)
Power Input	DC 12V, USB-C 5V
Battery Compatibility	NP-F Series (F970, F960, F950, F930, F770, F750, F730, F570, F550, F530)
Power Output	DC OUT 8V
Housing Material	Aluminum Alloy
Item Weight	184g (0.41 lbs)
Dimensions	151.8mm x 92.8mm x 17.1mm (approx. 5.98 x 3.65 x 0.67 inches)
Operating Temperature	0°C to 40°C (32°F to 104°F)

Image: Visual representation of the FEELWORLD T6 monitor's display specifications, including 6-inch IPS, 1920x1080 resolution, 8-bit color depth, 1000:1 contrast, and 160° viewing angle.

Image: Diagram showing the slim profile and dimensions of the FEELWORLD T6 monitor, highlighting its lightweight design at 184g.

7. Warranty and Support

The FEELWORLD T6 monitor comes with a 1-year official warranty, including US local after-sales support. For technical assistance, warranty claims, or any product-related inquiries, please contact FEELWORLD customer support through their official website or the retailer from whom you purchased the product. Please have your product model number (T6) and purchase information ready when contacting support.