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FEELWORLD FW568 V3

FEELWORLD FW568 V3 6-Inch 4K HDMI Camera Field Monitor Instruction Manual

Brand: FEELWORLD | **Model:** FW568 V3

1. Introduction

The FEELWORLD FW568 V3 is a 6-inch 4K HDMI camera field monitor designed to enhance your filmmaking experience. It features a high-resolution 1920x1080 IPS screen, 3D LUT support for color calibration, and various professional assisting features to ensure precise exposure, focus, and composition. This manual provides detailed instructions for setting up, operating, and maintaining your FW568 V3 monitor.

2. Package Contents

Upon unboxing your FEELWORLD FW568 V3 monitor, please verify that all the following items are included:

- 1x FEELWORLD FW568 V3 Monitor
- 1x Micro HDMI Cable
- 1x Sunshade
- 1x Tilt Arm Mount
- 1x User Manual

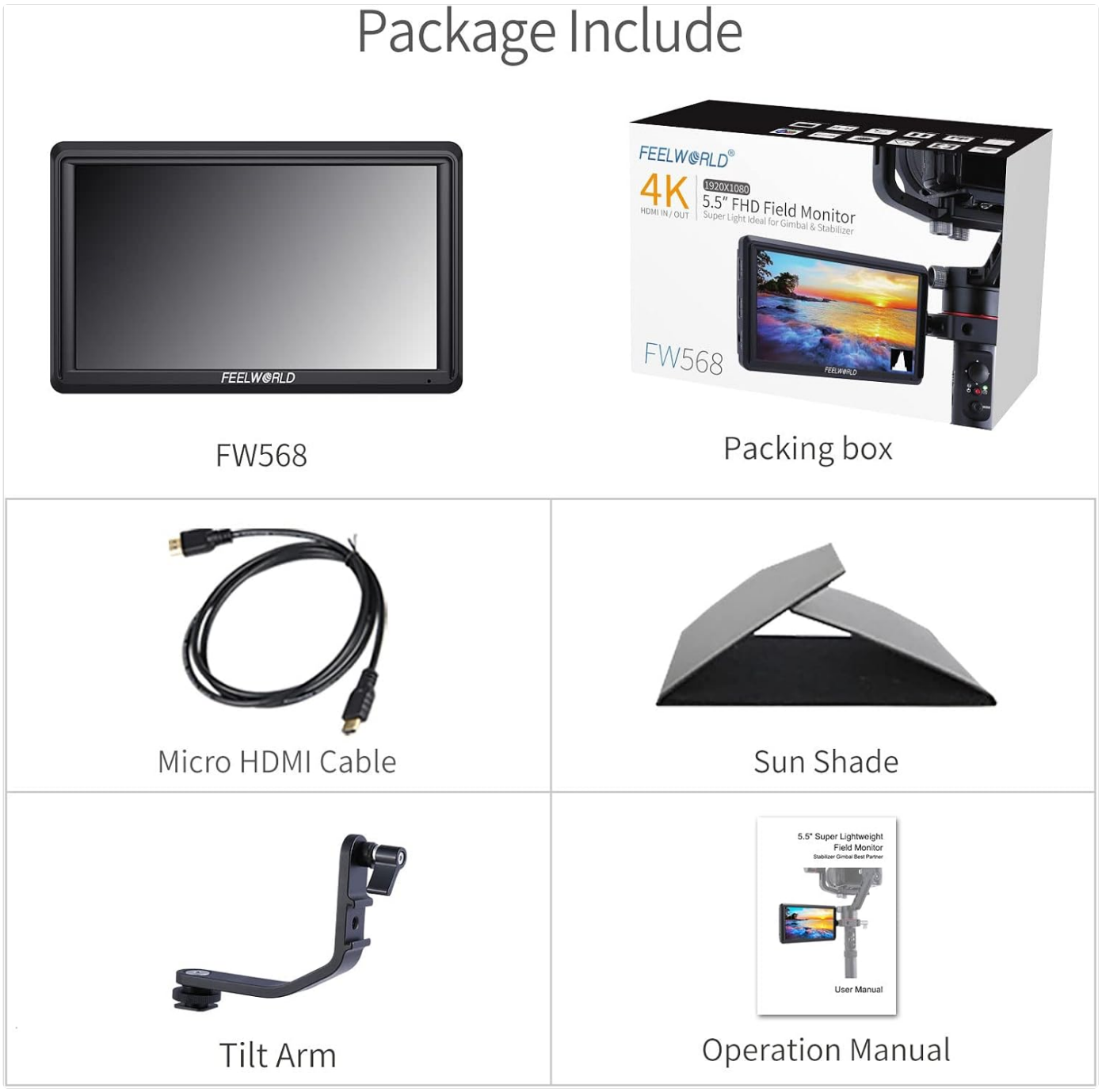


Figure 2.1: Included accessories for the FEELWORLD FW568 V3 monitor. The package contains the monitor, a micro HDMI cable, a sunshade, a tilt arm, and the operation manual.

3. Key Features

- **6-Inch Full HD Display:** A 1920x1080 high-resolution IPS screen with 367 PPI, 450 cd/m² brightness, and a 1000:1 contrast ratio for clear viewing.
- **Lightweight Design:** Weighing only 175g, the monitor is designed for portability and ease of attachment to any camera setup.
- **4K HDMI Input/Output:** Supports 4K UHD 3840x2160p (30/29.97/25/24/23.98Hz) and 4096x2160p (24Hz) formats, with loop-out functionality to send signals to other monitors without quality loss.
- **Custom 3D LUT Support:** Load up to 32 sets of LUT files via SD card for accurate color calibration and real-time monitoring of cinematic effects.
- **Professional Assisting Features:** Includes False Color, Zebra, Histogram, Waveform, Vectorscope, All Wave, Single Color, Peaking Focus Assist, and Safe Area for precise exposure, focusing, and composition.

- **Flexible Power Options:** Features an 8.4V DC output to power your camera, and is compatible with Sony F970 and Canon LP-E6 batteries via a dual-purpose battery plate.



Figure 3.1: The FW568 V3's lightweight design (175g) and array of professional features including 3D LUT, Waveform, Vector Scope, Histogram, Peaking Filter, Anamorphic Mode, False Colors, Exposure, Zoom-in, Image Flip, Nine Grid, and Embedded Audio.



Figure 3.2: Detailed display specifications of the 6-inch camera field monitor, highlighting its 1920x1080 FHD resolution, 367 PPI, 450 cd/m² brightness, 1000:1 contrast ratio, and 160° IPS viewing angle.

4. Setup

4.1 Mounting the Monitor

The FW568 V3 monitor can be conveniently mounted to your camera using the included tilt arm. This allows for flexible positioning and 360-degree rotation for optimal viewing.

1. Attach the tilt arm to the 1/4-inch thread hole on the bottom of the monitor.
2. Secure the cold shoe base of the tilt arm into your camera's hot shoe mount.
3. Tighten the locking knob on the tilt arm to fix the monitor's position.



Figure 4.1: Illustration of the tilt arm for convenient mounting, allowing 360° rotation for optimal viewing angles. The tilt arm attaches to the monitor via a 1/4 Thread Hole and to the camera's cold shoe.

4.2 Connecting to Camera

Use the provided Micro HDMI cable to connect the monitor to your camera's HDMI output port.

1. Connect one end of the Micro HDMI cable to the HDMI IN port on the monitor.
2. Connect the other end of the Micro HDMI cable to your camera's HDMI output port.
3. If you need to loop out the signal to another monitor, use an additional HDMI cable from the HDMI OUT port on the FW568 V3.



Figure 4.2: Close-up view of the monitor's ports, including HDMI IN, HDMI OUT, DC IN 12V, DC OUT 8.4V, 3.5mm Ear Phone Slot, and 5V Type-C Upgrade port. The monitor supports 4K HDMI formats.

4.3 Powering the Monitor

The FW568 V3 offers versatile power options:

- **Battery Power:** The monitor features a dual-purpose battery plate compatible with Sony F970 and Canon LP-E6 batteries. Insert a charged battery into the plate.
- **DC Input:** Connect a 12V DC power adapter to the DC IN 12V port for continuous power.
- **DC Output:** Use the 8.4V DC OUT port to power your camera, extending its run-time (dummy battery for camera may be required, sold separately).
- **USB-C Power:** The 5V Type-C port can be used for power.

5. Operating Instructions

5.1 Basic Navigation

The monitor features physical buttons for navigation and a touch screen interface for intuitive control.

- **Power Button:** Press and hold to turn the monitor ON/OFF.
- **MENU Button:** Access the main menu for settings adjustments.
- **F1/V, F2/A, F3 Buttons:** Customizable function buttons for quick access to frequently used features.
- **Touch Screen:** Navigate menus and adjust settings directly on the screen.

5.2 Professional Assisting Features

The FW568 V3 includes a suite of tools to aid in precise image capture:

- **3D LUT:** Load custom LUTs for accurate color representation and creative looks.
- **False Color:** Helps set proper exposure by displaying different exposure levels in distinct colors.
- **Zebra:** Highlights overexposed areas with zebra stripes.
- **Histogram:** Displays the tonal distribution of your image.
- **Waveform:** Provides a graphical representation of video signal levels.
- **Vectorscope:** Visualizes color saturation and hue.
- **Peaking Focus Assist:** Highlights in-focus edges for precise manual focusing.
- **Safe Area:** Displays guides for safe framing to ensure critical elements are within broadcast-safe zones.



Figure 5.1: The monitor's interface demonstrating custom 3D LUT loading for color calibration. Users can select from various LUTs to achieve desired color effects, with a clear before-and-after visual.

5.3 HDMI Input/Output

The monitor supports 4K HDMI input and loop output, allowing you to monitor your footage and simultaneously send the signal to another device without any delay or loss of quality.

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Video 5.2: An overview of the FEELWORLD FW568 camera monitor, demonstrating its features and connectivity. This video highlights the monitor's functionality and ease of integration into a camera setup.

6. Maintenance

To ensure the longevity and optimal performance of your FEELWORLD FW568 V3 monitor, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and body of the monitor. For stubborn smudges, a microfiber cloth lightly dampened with a screen-cleaning solution can be used. Avoid harsh chemicals.
- **Storage:** Store the monitor in a cool, dry place away from direct sunlight and extreme temperatures. Use the provided sunshade or a protective case when not in use or during transport.
- **Battery Care:** Always use compatible batteries. Remove batteries if the monitor will not be used for an extended period. Store batteries in a cool, dry place and avoid overcharging or fully discharging them repeatedly.
- **Cable Management:** Handle HDMI and power cables carefully to prevent damage to the connectors or ports.

7. Troubleshooting

If you encounter any issues with your FW568 V3 monitor, refer to the following common troubleshooting steps:

- **No Signal:** Ensure the HDMI cable is securely connected to both the camera and the monitor. Verify that the camera's HDMI output is active and set to a compatible resolution.
- **Power Issues:** Check if the battery is fully charged and correctly inserted. If using DC power, ensure the adapter is functioning and properly connected.
- **Display Problems:** If the screen is dim or colors appear incorrect, check the brightness, contrast, and color temperature settings in the monitor's menu. Perform a factory reset if necessary.
- **Buttons Unresponsive:** If the touch screen is active, try disabling it to use physical buttons. If physical buttons are unresponsive, try restarting the monitor.

For persistent issues, please contact FEELWORLD customer support.

8. Specifications

Feature	Specification
Product Dimensions	5.6 x 3.4 x 1.1 inches
Item Weight	6.2 ounces
Item Model Number	FW568V2-FW-LY-US
Manufacturer	FEELWORLD
Date First Available	January 20, 2022

9. Warranty and Support

FEELWORLD products typically come with a manufacturer's warranty. Please refer to the warranty card included in your package or visit the official FEELWORLD website for detailed warranty terms and conditions.

For technical support, product inquiries, or service requests, please contact FEELWORLD customer service through their official channels. Keep your purchase receipt and product serial number handy for faster assistance.

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