FEELWORLD S55 V3

FEELWORLD S55 V3 6 Inch DSLR Camera Field Monitor User Manual

Model: S55 V3

1. Introduction

This manual provides comprehensive instructions for the proper setup, operation, and maintenance of your FEELWORLD S55 V3 6 Inch DSLR Camera Field Monitor. Please read this manual thoroughly before using the product to ensure optimal performance and to prevent damage.

2. Package Contents

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

- FEELWORLD S55 V3 Camera HDMI Monitor (x1)
- Micro HDMI Cable (x1)
- NP-F550 Battery (x1)
- Battery Charger Cable (x1)
- Carry Case (x1)
- Sunshade (x1)
- Tilt Arm (x1)
- User Manual (x1)



Image: The FEELWORLD S55 V3 monitor displayed with all its included accessories, such as the battery, cables, sunshade, tilt arm, and carry case.

3. Product Overview

3.1 Key Features

- **Display:** 6-inch IPS screen with 1920x1080 Full HD resolution, 1000:1 contrast ratio, 500 cd/m² brightness, and 160° viewing angle.
- **4K HDMI Support:** Features 4K HDMI input and output, supporting formats up to 4K UHD 3840x2160p (30/29.97/25/24/23.98Hz) and 4096x2160p (24Hz).
- **Power Options:** Accepts DC 12V power, NP-F series batteries, and LP-E6 series batteries. Includes an 8.4V DC output to power select cameras (DC coupler not included).
- **Advanced Monitoring Tools:** Includes Histogram, Focus Assist, False Colors, Zebra, Zoom, Image Flip, Pixel-to-Pixel, Check Field, Anamorphic Mode, Image Freeze, and Rec. 709 color calibration.
- **User-Friendly Design:** Lightweight and compact for handheld or gimbal use, with a 360° rotatable tilt arm and three customizable function buttons.

3.2 Ports and Controls



Image: Close-up view of the FEELWORLD S55 V3 monitor's side, showing HDMI IN, HDMI OUT, DC IN 12V, DC OUT 8.4V, USB Upgrade port, and 3.5mm Ear Jack.

- **HDMI IN:** Connects to your camera's HDMI output for video signal input.
- **HDMI OUT:** Outputs the video signal to another monitor or device.
- **DC IN 12V:** Power input for the monitor using an external power adapter.
- **DC OUT 8.4V:** Provides power to compatible cameras via an optional DC coupler.
- **USB Upgrade:** For firmware updates.
- **3.5mm Ear Jack:** For audio monitoring.
- **Function Buttons (F1, F2, F3):**Customizable buttons for quick access to frequently used features.
- **MENU Button:** Accesses the monitor's main menu.
- **Navigation Buttons (<, >):** Used to navigate menu options and adjust settings.
- **Power Button:** Turns the monitor on or off.

4. Setup

4.1 Attaching the Tilt Arm

1. Screw the tilt arm onto the 1/4-inch threaded hole on your camera or camera rig.
2. Attach the monitor to the cold shoe mount on the tilt arm.
3. Adjust the monitor angle as needed. The tilt arm allows for 360° rotation.



Image: The FEELWORLD S55 V3 monitor mounted on a camera using the included tilt arm, demonstrating its 360-degree rotation capability.

4.2 Battery Installation

The monitor supports NP-F series batteries (e.g., F970, F960, F950, F930, F770, F750, F550, F530) and Canon LP-E6 series batteries.

1. Align the battery with the battery plate on the back of the monitor.
2. Slide the battery into place until it clicks securely.
3. To remove, press the release latch and slide the battery out.

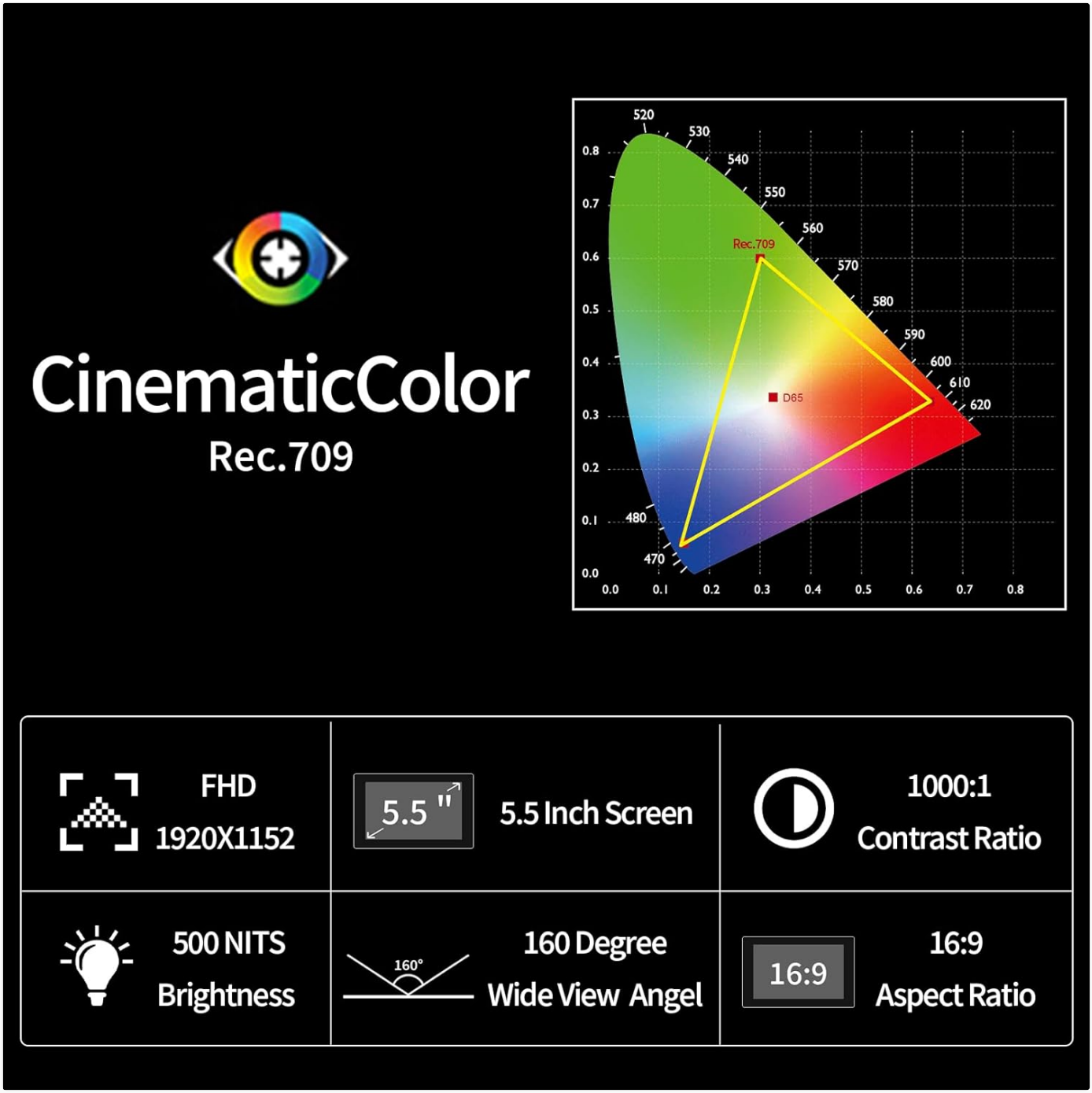


Image: Diagrams illustrating the compatibility of the FEELWORLD S55 V3 monitor with both Sony NP-F series and Canon LP-E6 series batteries.

4.3 Connecting to a Camera

1. Ensure both the monitor and camera are powered off.
2. Connect one end of the Micro HDMI cable to your camera's HDMI output port.
3. Connect the other end of the Micro HDMI cable to the HDMI IN port on the FEELWORLD S55 V3 monitor.
4. Power on the monitor, then power on your camera. The camera's video feed should appear on the monitor.

5. Operating Instructions

5.1 Powering On/Off

- **To Power On:** Press and hold the Power button until the screen illuminates.
- **To Power Off:** Press and hold the Power button until the screen turns off.

5.2 Menu Navigation

Use the MENU button to access the main menu. Use the < and > navigation buttons to scroll through options and adjust values. Press the MENU button again to confirm selections or exit sub-menus.



Image: The FEELWORLD S55 V3 monitor's on-screen display, showing menu options for LUT switch, LUT table, LUT import, color temperature, and backlight settings.

5.3 Custom Function Buttons (F1, F2, F3)

The three fast custom key buttons (F1, F2, F3) can be assigned to frequently used functions for quick access. Refer to the monitor's menu settings to customize these buttons.

6. Advanced Features

The FEELWORLD S55 V3 monitor includes a suite of professional monitoring tools to assist with accurate shooting and field production.



Image: Icons representing the advanced features of the FEELWORLD S55 V3 monitor, including Histogram, Peaking Filter, False Colors, Exposure, Nine Grid, Embedded Audio, Pixel-to-Pixel, Check Field, Image Flip, Anamorphic Mode, Image Freeze, and Zoom-in.

- **Histogram:** Displays the tonal distribution of your image, helping to prevent overexposure or underexposure.
- **Focus Assist (Peaking Filter):** Highlights sharp edges in the image, making it easier to achieve precise focus.
- **False Colors:** Uses color overlays to represent different exposure levels, aiding in exposure judgment.
- **Zebra:** Overlays stripes on areas of the image that exceed a set exposure threshold.
- **Zoom:** Magnifies a portion of the image for critical focus checking.
- **Image Flip:** Flips the image horizontally or vertically, useful for various mounting orientations.
- **Rec. 709 Color Calibration:** Ensures accurate color reproduction for professional workflows.
- **3D LUT Support:** Allows for importing and applying custom Look Up Tables for color grading and monitoring.

7. Powering the Monitor and Camera

The FEELWORLD S55 V3 offers flexible power solutions for both the monitor and your camera.

- **Monitor Power Input:** The monitor can be powered via the DC 12V input or by compatible NP-F or LP-E6 series

batteries.

- **Camera Power Output:** The 8.4V DC output port allows you to power your camera directly from the monitor, extending your camera's battery life. An additional DC coupler (not included) specific to your camera model is required for this function.



Image: Diagram showing the FEELWORLD S55 V3 monitor connected to a DSLR camera, illustrating how the monitor's DC OUT 8.4V port can power the camera via an inserted DC coupler.

8. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the monitor's exterior. For the screen, use a specialized screen cleaning solution and a microfiber cloth. Avoid harsh chemicals.
- **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 from the monitor. Charge batteries periodically to maintain their health.

9. Troubleshooting

- **No Power:** Ensure the battery is correctly installed and charged, or the DC power adapter is securely connected. Check the power button.
- **No Video Signal:** Verify that the HDMI cable is securely connected to both the camera and the monitor. Ensure the camera's HDMI output is enabled and configured correctly. Check the monitor's input source setting.
- **Image is Distorted/Incorrect Colors:** Check the monitor's color settings and ensure Rec. 709 is enabled if desired. Verify the camera's output settings.
- **Buttons Not Responding:** Try restarting the monitor. If the issue persists, contact customer support.

10. Specifications

Feature	Specification
Product Dimensions	5.59 x 3.43 x 1.08 inches
Item Weight	1.9 pounds
Item Model Number	S55V 2
Display Size	6 inches
Resolution	1920 x 1080 (Full HD)
Brightness	500 cd/m²
Contrast Ratio	1000:1
Viewing Angle	160°
HDMI Support	4K UHD 3840x2160p (30/29.97/25/24/23.98Hz), 4096x2160p (24Hz)
Power Input	DC 12V, NP-F series batteries, LP-E6 series batteries
Power Output	DC 8.4V
Batteries Included	1 Lithium Ion battery

11. Warranty and Support

For warranty information and technical support, please refer to the official FEELWORLD website or contact your authorized dealer. Keep your purchase receipt as proof of purchase for warranty claims.

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

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

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