

FEELWORLD S55 V3

FEELWORLD S55 V3 6-inch Camera DSLR Field Monitor Instruction Manual

Model: S55 V3

1. INTRODUCTION

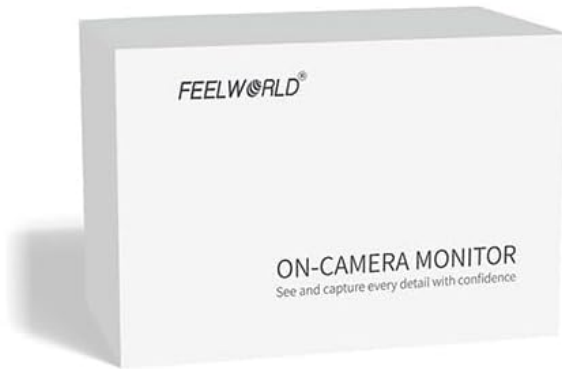
The FEELWORLD S55 V3 is a compact and versatile 6-inch camera field monitor designed to enhance your filming experience. With its 1920x1080 Full HD IPS display, it provides bright and clear images, making it suitable for various camera systems, especially those used with gimbals. This manual provides detailed instructions for setting up, operating, and maintaining your monitor to ensure optimal performance.

2. PACKAGE CONTENTS

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

- 1x FEELWORLD S55 V3 Monitor
- 1x Micro HDMI Cable
- 1x Sunshade
- 1x Tilt Arm
- 1x User Manual
- 1x NP-F550 Battery (2200mAh)
- 1x USB-C Charging Cable

S55 with F550 Battery and Bag



Packing box



S55



Carry Case



Tilt Arm



Sun Shade



Micro HDMI Cable



NP-F550 battery



USB-C Charging Cable



Operation Manual

F550 battery: 7.4V 2200mAh, power the FW568 for about 2 hours.

Battery Running Time=Battery Capacity / (Equipment Power Consumption / Battery Voltage)

Figure 2.1: FEELWORLD S55 V3 Monitor and included accessories, including the NP-F550 battery, Micro HDMI cable, sunshade, tilt arm, and user manual, all neatly arranged in their packaging.

3. PRODUCT FEATURES

3.1 High-Resolution Display

The S55 V3 features a 6-inch IPS display with a resolution of 1920x1080, offering sharp and vibrant visuals. With a brightness of 500 cd/m² and a 1000:1 contrast ratio, the monitor ensures clear visibility in various lighting conditions.

6" HD ON-CAMERA MONITOR

Super Light Ideal for Gimbal & Stabilizer

1920x1080
HD Panel

HDMI 4K
IN & OUT

DC OUTPUT
Power for
Camera

F970/LP-E6
Dual-purpose
Battery Plate

Tilt Arm
Mounting

190g
Lightweight
Design



Figure 3.1: The FEELWORLD S55 V3 monitor showcasing its 6-inch HD display with 1920x1080 resolution, 500 cd/m² brightness, and 1000:1 contrast ratio, highlighting its suitability for gimbal and stabilizer setups.

3.2 Advanced Video Assist Functions

The monitor is equipped with a suite of professional video assist functions to aid in accurate exposure and focus:

- **Waveform:** Displays the brightness distribution of the video signal.
- **False Color:** Maps exposure levels to different colors for quick exposure assessment.
- **Zebra Exposure:** Highlights overexposed areas with striped patterns.
- **Peaking Focus Assist:** Highlights sharp edges in the image to confirm focus.
- **Histogram:** Provides a graphical representation of tonal distribution.
- **Custom LUTs:** Supports loading 3D LUTs via USB for real-time preview of filming looks.



Figure 3.2: The monitor screen showing the False Color function, which uses different colors to represent various exposure levels in the image, aiding in precise exposure control.



Figure 3.3: The monitor screen illustrating Peaking Focus Assist, where in-focus areas are highlighted (e.g., in red, yellow, or green) to help achieve sharp focus.



Figure 3.4: The monitor screen showing the Histogram function, which graphically represents the brightness distribution of the image, helping to avoid under or overexposure.

3.3 4K HDMI Input/Output

The S55 V3 supports 4K HDMI input and loop-out, allowing you to connect to various cameras and simultaneously output to larger monitors for instant review. Supported 4K formats include 4K UHD 3840x2160p (30/29.97/25/24/23.98Hz) and 4096x2160p (24Hz).

4K HDMI INPUT & LOOP-OUT

The S55V2 has 4K HDMI in and loop-out, allowing it to not only display live signals, but also send them out to other monitors simultaneously.



4K HDMI Format Supports
4096X2160p 24Hz/ 3840X2160p
(30/29.97/25/24/23.98Hz)

Figure 3.5: The side view of the FEELWORLD S55 V3 monitor, clearly labeling the HDMI IN and HDMI OUT ports, along with DC IN and DC OUT connections, demonstrating its 4K HDMI input and loop-out capabilities.

3.4 Lightweight Design and Flexible Installation

Weighing only 175g, the S55 V3 is designed for portability. The included 360° rotating tilt arm allows for flexible installation on various camera setups or gimbals, providing optimal viewing angles.

LIGHT-WEIGHT DESIGN FLEXIBLE INSTALL

Small size, light weight, good heat dissipation, flexible mounting



Figure 3.6: The FEELWORLD S55 V3 monitor being held in a hand, emphasizing its lightweight design (weighing only 175g) and flexible installation options for various camera setups.

3.5 Real-Time Camera Power Supply

The monitor features an 8.4V DC power output, allowing users to power both the monitor and their camera (via an optional dummy battery adapter), extending camera runtimes.



Figure 3.7: The FEELWORLD S55 V3 monitor connected to a camera, demonstrating its 8.4V DC output interface which can power the camera using a dummy battery adapter.

4. SETUP GUIDE

4.1 Mounting the Monitor

Attach the included tilt arm to the 1/4" screw hole on the bottom of the monitor. Secure the tilt arm to your camera's hot shoe mount or a compatible rig. The 360° rotation allows for flexible positioning.

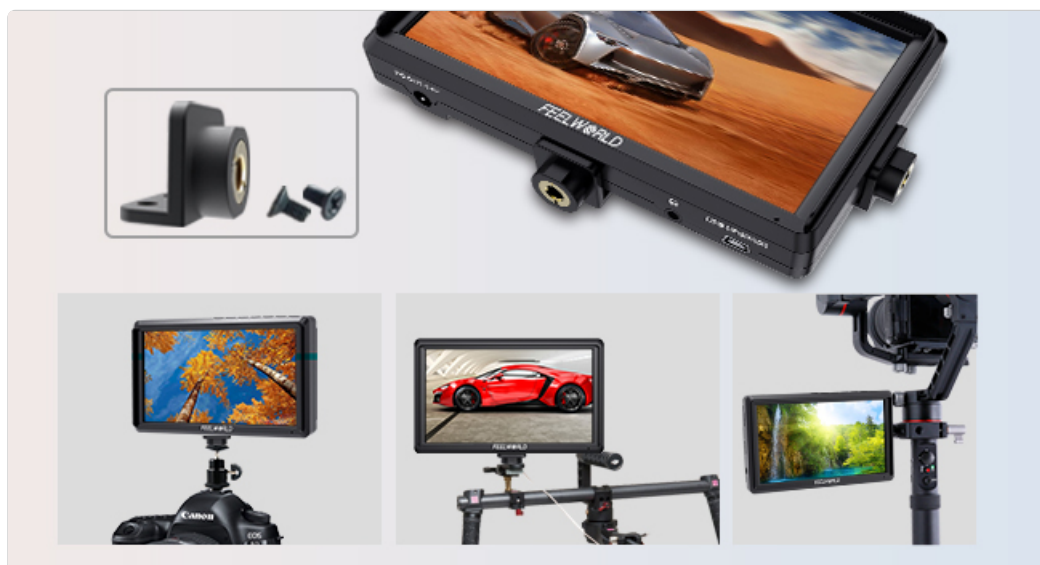


Figure 4.1: The FEELWORLD S55 V3 monitor mounted on a camera using the tilt arm, demonstrating its adjustable viewing angles and cold shoe mount for additional accessories.

4.2 Connecting to a Camera

Use the provided Micro HDMI cable to connect your camera's HDMI output to the HDMI IN port on the monitor. Ensure the cable is securely connected.

4.3 Powering the Monitor

The monitor can be powered by the included NP-F550 battery or an external DC 12V power adapter. Insert the NP-F550 battery into the battery slot on the back of the monitor until it clicks into place. Alternatively, connect a DC 12V power adapter to the DC IN 12V port.



Figure 4.2: An illustration showing different NP-F series battery sizes (NP-F550, NP-F750, NP-F970) and their respective weights, capacities, and estimated running times for the S55 monitor.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press and hold the power button on the side of the monitor to turn it on or off.

5.2 Menu Navigation

Use the MENU button and the arrow keys (left/right) to navigate through the monitor's settings. Press the MENU button again to select an option or confirm a setting.

5.3 Activating Assist Functions

Many video assist functions can be quickly accessed via the customizable function buttons (F1, F2, F3) or through the main menu. Refer to the on-screen menu for specific settings and activation options.

5.4 Loading Custom LUTs

The S55 V3 supports loading up to 32 custom 3D LUTs. Insert an SD card containing your LUT files into the SD card slot on the monitor. Navigate to the LUT settings in the menu to import and apply your desired LUTs.

SUPPORTS CUSTOM3D LUT

FEELWORLD S55V2 Supports 32 LUTS via USB port,
Preview movielook-in-field shots



Before Loading



After Loading

Figure 5.1: The top view of the FEELWORLD S55 V3 monitor, highlighting the USB upgrade port for firmware updates and its support for loading 3D LUTs, with before and after loading examples.

6. MAINTENANCE

To ensure the longevity and optimal performance of your FEELWORLD S55 V3 monitor, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the monitor screen and body. For stubborn smudges, use a screen-specific cleaning solution applied to the cloth, not directly to the screen.
- **Storage:** When not in use, store the monitor in its protective case in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Fully charge batteries before extended storage. If storing for long periods, periodically charge the batteries to maintain their health.
- **Avoid Impact:** Protect the monitor from drops and impacts, which can damage internal components or the screen.

7. TROUBLESHOOTING

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

- **No Signal:**
 - Ensure HDMI cables are securely connected to both the camera and the monitor.
 - Verify that the camera's HDMI output settings are correct and compatible with the monitor.
 - Try a different HDMI cable to rule out cable malfunction.
- **Power Issues:**
 - Check if the battery is fully charged and properly inserted.
 - If using a DC adapter, ensure it is correctly connected and providing the specified voltage (12V).
 - Press and hold the power button for a few seconds to ensure proper power cycle.
- **Display Problems (e.g., flickering, incorrect colors):**
 - Reset monitor settings to factory defaults via the menu.
 - Ensure the camera's video output settings (resolution, frame rate) are stable.
 - Check for physical damage to the screen or cables.

8. SPECIFICATIONS

Feature	Specification
Display Size	6 inches
Resolution	1920x1080
Brightness	500 cd/m²
Contrast Ratio	1000:1
Input/Output	4K HDMI In/Out
Power Input	DC 12V, DC 5V (Type-C)
Power Output	DC 8.4V
Battery Compatibility	NP-F Series (NP-F550 included)
Item Weight	1.13 ounces (monitor only)
Package Dimensions	8.11 x 6.18 x 4.17 inches
Water Resistance Level	Not Water Resistant

9. OFFICIAL PRODUCT VIDEOS

FEELWORLD S55 V3 Camera Field Monitor

Your browser does not support the video tag.

This video provides an overview of the FEELWORLD S55 V3 Camera Field Monitor, showcasing its design and basic functionalities.

7 Reasons to Use FEELWORLD S55 Monitors

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Discover the key advantages and features that make the FEELWORLD S55 monitor a valuable tool for videographers and filmmakers.

Looking for a Monitor Beginner's Budget - FEELWORLD S55

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This video highlights the affordability and features of the FEELWORLD S55, making it an excellent choice for beginners on a budget.

FEELWORLD S55 Monitor Help You Accurate Expose and Focus

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Learn how the advanced features of the FEELWORLD S55 monitor assist in achieving accurate exposure and precise focus for your shots.

Reasons to Choose the S55 Monitor

Your browser does not support the video tag.

This video outlines the compelling reasons why the S55 monitor stands out as a preferred choice for camera monitoring needs.

10. WARRANTY AND SUPPORT

The FEELWORLD S55 V3 monitor comes with a 1-year warranty. For any support inquiries, technical assistance, or warranty claims, please contact FEELWORLD Official Store-US customer service. US local after-sales support is available.