

FEELWORLD FW568 PRO

FEELWORLD FW568 PRO 6-inch Camera Field Monitor User Manual

This manual provides detailed instructions for the setup, operation, and maintenance of your FEELWORLD FW568 PRO 6-inch camera field monitor.

1. PRODUCT OVERVIEW

The FEELWORLD FW568 PRO is a compact and versatile 6-inch camera field monitor designed for professional videographers and photographers. It features a high-brightness 1200-nit display with 1920x1080 resolution, ensuring clear visibility even in bright sunlight. With support for 4K 60Hz HDMI input/output and advanced monitoring tools like 3D LUTs, waveform, and false color, this monitor enhances your shooting workflow and accuracy.



Image 1.1: The FEELWORLD FW568 PRO monitor, showcasing its compact design and included accessories like the F750 battery and carry case.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1x FEELWORLD FW568 Pro Camera DSLR Video Monitor
- 1x F750 4400mAh Battery
- 1x Carry Case
- 1x Standard HDMI Cable
- 1x Micro HDMI Cable
- 1x Sunshade
- 1x Mini Hot Shoe Mount + Hex Wrench
- 1x USB-A to USB-C Adapter
- 1x Cable Management Tie
- 1x User Manual



Image 2.1: Visual representation of all items included in the FEELWORLD FW568 PRO package.

3. KEY FEATURES

- **High Brightness Display:** 6-inch Full HD 1920x1080 IPS screen with 1200 nits brightness for clear viewing in outdoor conditions.
- **Wide Viewing Angle:** 160° IPS viewing angle and 1000:1 contrast ratio for accurate color reproduction.
- **4K HDMI 2.0 Support:** Compatible with 4K HDMI signals up to 60FPS for high-resolution video monitoring.
- **Professional Monitoring Tools:** Includes Waveform, Vector Scope, Histogram, Peaking Focus Assist, False Color, and more.
- **3D LUT Support:** Load up to 32 custom 3D LUTs via USB-C for real-time color grading preview.
- **Customizable Buttons:** Three custom function buttons for quick access to frequently used features.
- **Multiple Power Options:** Supports NP-F series batteries, DC 12V input, and 5V Type-C power.
- **Lightweight Design:** Weighs approximately 204g (monitor only) for easy portability and gimbal compatibility.

1200Nits High Brightness

High bright display can avoid glare and blur when shooting in the sunlight



Image 3.1: The monitor's 1200 nits high brightness screen, designed for visibility in sunlight.

6 Inch IPS-FHD Large Screen

Provides ultra-high-definition images with vivid colors and fine details.



 6" 1920x1080	 204g Ultra-Light	 REC-709 True-to-Life Colors
 160° Wide View	 1200nits Brightness	 1000:1 Contrast

Image 3.2: Details on the 6-inch IPS-FHD screen, highlighting its 1920x1080 resolution, lightweight design, and REC-709 color support.

4. SETUP GUIDE

4.1 Mounting the Monitor

1. Attach the included Mini Hot Shoe Mount to your camera's hot shoe or a compatible rig.
2. Secure the FW568 PRO monitor to the Mini Hot Shoe Mount using the 1/4-inch screw. Ensure it is tightened with the hex wrench for stability.
3. Adjust the monitor's angle for optimal viewing.

4.2 Connecting to a Camera

1. Connect one end of the HDMI cable (Standard or Micro HDMI, depending on your camera) to your camera's HDMI output port.

2. Connect the other end of the HDMI cable to the **HDMI IN** port on the FW568 PRO monitor.
3. If you need to loop out the HDMI signal to another device, connect a second HDMI cable from the monitor's **HDMI OUT** port to the desired device.

4.3 Powering On

Refer to Section 7 for detailed power options. Once powered, press the power button to turn on the monitor.

Video 4.1: An overview of the FEELWORLD FW568 PRO monitor's features and setup, demonstrating its high brightness and use with a camera rig.

5. OPERATING INSTRUCTIONS

5.1 Navigating the User Interface

The FW568 PRO features an updated user interface (UI) for intuitive navigation. Use the **MENU** button to access the main menu and the arrow keys (**V/A**) to navigate through options. Press **MENU** again or **EXIT** to confirm selections or exit menus.

4K HDMI 60Hz Input ,High Speed Transmission

Equipped with 4K HDMI 60Hz input
support up to 4096x2160/60p & 3840x2160/60p signal

4K HDMI 60Hz Support

- 3840×2160p (60/59.94/50/48/47.95/30/29.97/25/24/23.98)
- 4096×2160p (60/59.94/50/48/47.95/30/29.97/25/24/23.98)

60Hz



30Hz



Image 5.1: The monitor's new user interface, showing menu options and various markers for professional monitoring.

5.2 Using Custom Buttons (F1, F2, F3)

The three custom buttons (F1, F2, F3) on the top of the monitor can be assigned to frequently used functions for quick access. To assign a function:

1. Go to the **User Option** menu.
2. Select the desired custom button (F1, F2, or F3).
3. Choose a function from the list (e.g., Waveform, False Color, Ratio Marker).
4. Once assigned, a single press of the custom button will activate/deactivate the function.

6. ADVANCED MONITORING FUNCTIONS

The FW568 PRO offers a suite of advanced tools to assist with exposure, focus, and color accuracy.

- **Waveform:** Displays the luminance and chrominance levels of your video signal, helping to ensure proper exposure.
- **Vector Scope:** Visualizes the color information of your image, allowing for precise color balance adjustments.
- **Histogram:** Shows the distribution of tones in your image, indicating exposure levels and potential clipping.
- **Peaking Focus Assist:** Highlights sharp edges in your image, making it easier to achieve critical focus.
- **False Color:** Uses color overlays to represent different exposure levels, aiding in setting correct exposure.
- **3D LUT:** Allows you to load and preview custom Look Up Tables for real-time color grading and matching.

Accurate Color Reproduction Advanced functions

Rec.709 Color accuracy. Advanced functions help you exposure and framing correctly

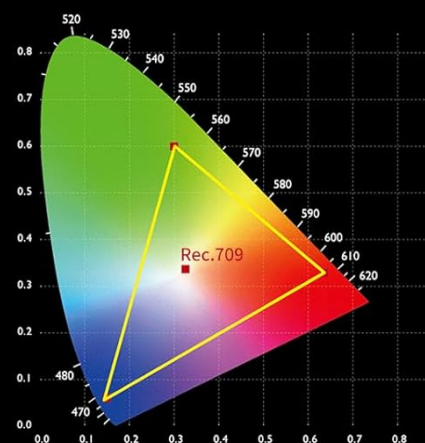


Image 6.1: Icons representing the various advanced monitoring functions available on the FW568 PRO, including 3D LUT, Waveform, Vector Scope, and False Color.



Image 6.2: Demonstrates the 3D LUT feature, showing how to load custom LUTs via the Type-C interface and preview their effect on the image.



Image 6.3: Illustrates the various waveform displays (Vectorscope, Brightness Histogram, YUV Parade, Y Parade) for precise technical monitoring of video and audio signals.



Image 6.4: Shows the effect of HDR monitoring (HDR OFF vs. HDR ON), demonstrating how it enhances detail in both lighter and darker areas of the image.

7. POWERING THE MONITOR

The FW568 PRO offers flexible power solutions for various shooting environments:

- **NP-F Battery Plate:** The monitor includes a battery plate compatible with NP-F series batteries (e.g., F550, F750, F970). An F750 4400mAh battery is included in the package.
- **DC 12V Input:** Use a compatible DC 12V power adapter (not included) for continuous power during studio or long-duration shoots.
- **5V Type-C Input:** The monitor can also be powered via a 5V Type-C connection, offering additional flexibility.

The monitor also features a DC OUT 8.4V port, allowing you to power compatible cameras or accessories using an optional DC coupler.



Image 7.1: Illustrates the various power input options: NP-F battery plate, DC 12V input, and 5V Type-C input.



Image 7.2: Shows the DC 8.4V output interface, demonstrating how it can power a camera using an optional dummy battery adapter.

8. MOUNTING OPTIONS

The FW568 PRO is designed with flexible mounting options to integrate seamlessly into your camera rig:

- **1/4-inch Screw Holes:** The monitor features 1/4-inch screw holes on the right side and bottom for versatile mounting with various accessories, including the Mini Hot Shoe Mount.
- **Sunshade:** The included sunshade can be easily attached to the monitor to reduce glare and improve screen visibility in bright outdoor conditions.

Flexible charging Interfaces

Swap between NP-F batteries, 12VDC and 5V Type-C
for outdoor/indoor use



Optional Battery Life:

F550 2200mAh Battery 1.5h

F750 4400mAh Battery 3h

F970 6600mAh Battery 4.5h

NP-F Battery Plate



DC IN 12V



5V TYPE-C



Image 8.1: The Mini Hot Shoe Mount attached to the monitor, illustrating its 180° viewing angle and 360° rotation capabilities.

Dimension

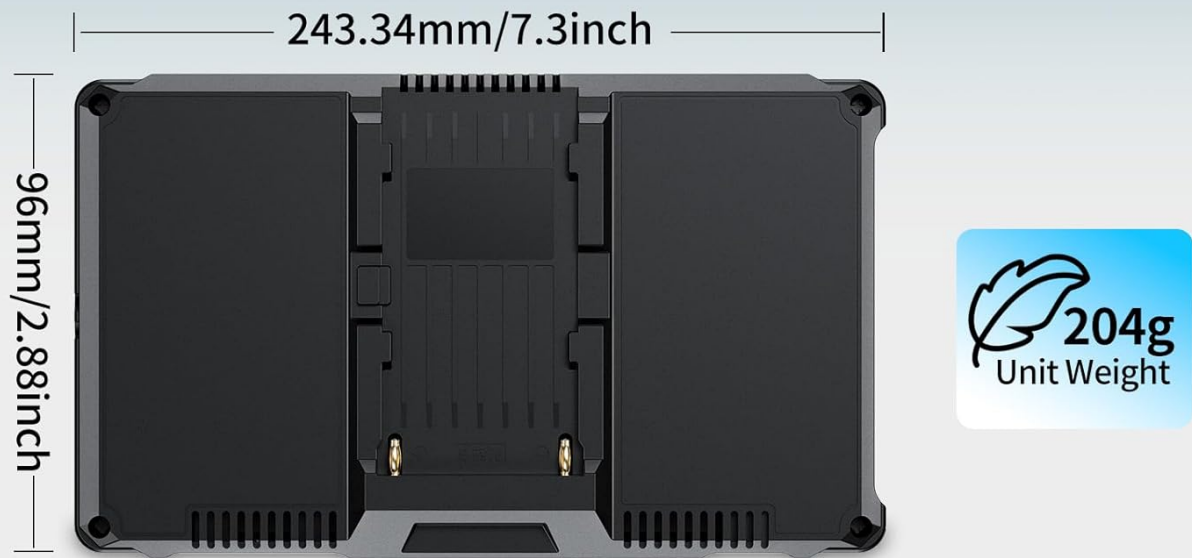


Image 8.2: Demonstrates the attachment and function of the included sunshade for improved screen visibility in bright environments.

9. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the monitor's exterior. For the screen, use a microfiber cloth specifically designed for electronics and a gentle screen cleaning solution if necessary. Avoid harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the monitor in its included carry case to protect it from dust, scratches, and impacts. Keep it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the monitor with care. Avoid dropping it or subjecting it to strong vibrations, as this can damage internal components.
- **Battery Care:** If using NP-F batteries, ensure they are charged regularly and stored properly when not in use to maintain battery health.

10. TROUBLESHOOTING

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

- **No Power:**
 - Ensure the battery is fully charged and correctly inserted, or the DC/Type-C power source is properly connected.
 - Check the power button for proper engagement.
- **No Signal:**
 - Verify that the HDMI cable is securely connected to both the camera's output and the monitor's **HDMI IN** port.
 - Confirm that your camera's HDMI output is active and configured correctly.
 - Try a different HDMI cable to rule out cable issues.
- **Image Distortion/Incorrect Colors:**
 - Check the monitor's display settings (color temperature, brightness, contrast).
 - Ensure no monitoring tools like False Color or 3D LUTs are inadvertently activated if you desire a raw feed.
 - Verify the camera's output settings match the monitor's capabilities.
- **Buttons Unresponsive:**
 - Restart the monitor.
 - Ensure no debris is obstructing the buttons.

If problems persist, please contact FEELWORLD customer support for further assistance.

11. SPECIFICATIONS

Key technical specifications for the FEELWORLD FW568 PRO monitor:

Feature	Specification
Model Number	X5L (FW568 PRO)
Screen Size	6 inches
Resolution	1920 x 1080 (Full HD)
Brightness	1200 nits
Contrast Ratio	1000:1
Viewing Angle	160° (IPS)

Feature	Specification
HDMI Input/Output	4K 60Hz HDMI 2.0
Power Input	NP-F Battery, DC 12V, 5V Type-C
Power Output	DC 8.4V
Unit Weight	Approx. 204g (0.45 lbs)
Package Dimensions	7.28 x 4.92 x 3.15 inches









Image 11.1: Detailed dimensions of the FEELWORLD FW568 PRO monitor, including its thickness and weight.

12. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your FEELWORLD FW568 PRO monitor, please refer to the official FEELWORLD website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Video 12.1: A comparative overview of the FEELWORLD FW568 PRO, highlighting its upgrades and features for creators.

<p>7" Touchscreen Monitor F970 Install and Power Kit</p>  <p>User Manual</p>	<p>FEELWORLD F970 7" Touchscreen Monitor User Manual</p> <p>User manual for the FEELWORLD F970 7-inch touchscreen monitor, detailing product overview, features, installation, power supply, menu operations, functions, technical parameters, and troubleshooting. Includes information on Sony F970 battery kit, HDMI connectivity, and various display settings.</p>
<p>6" Touchscreen Camera Monitor USB 2.0 Recording HDMI with LUT Loop-out</p>  <p>User Manual</p> <p>Forward</p>	<p>FEELWORLD 6" Touchscreen Camera Monitor User Manual</p> <p>User manual for the FEELWORLD 6-inch Full HD touchscreen camera monitor, detailing its features, operation, and technical specifications. Includes USB 2.0 recording and HDMI with LUT loop-out.</p>
<p>6" HDMI Touchscreen Monitor 2600nits Daylight Viewable</p>  <p>User Manual</p>	<p>Feelworld 6" HDMI Touchscreen Monitor - 2600 Nits Daylight Viewable User Manual</p> <p>Comprehensive user manual for the Feelworld 6" HDMI Touchscreen Monitor. Features include 2600 nits daylight viewability, 1920x1080 resolution, touch operation, HDR monitoring, 3D LUT support, and extensive video assist tools like Histogram, Focus Assist, and Zebra. Learn about installation, menu functions, and troubleshooting.</p>
<p>7" Full HD On-camera Monitor Support 4K HDMI Input/Output</p>  <p>User Manual</p>	<p>FEELWORLD T7 7-inch 4K HDMI On-camera Field Monitor User Manual</p> <p>User manual for the FEELWORLD T7 7-inch Full HD IPS on-camera field monitor. Features 4K HDMI input/output, 1920x1200 resolution, and advanced video assist functions for photography and broadcasting.</p>
<p>5.5" Touchscreen Monitor F970 Install and Power Kit</p>  <p>User Manual</p>	<p>FEELWORLD F970 5.5" Touchscreen Monitor User Manual</p> <p>Comprehensive user manual for the FEELWORLD F970 5.5-inch Full HD touchscreen monitor, covering product overview, features, button and port instructions, power supply, installation, menu operations, technical parameters, and troubleshooting.</p>
<p>Swift Z 7109+3109 HDMI/SD LUT/HDR</p>  <p>User Manual</p>	<p>Swift Z Wireless Video Monitor User Manual</p> <p>User manual for the Swift Z wireless video monitor (model 7109+3109), detailing product overview, features, operation, technical specifications, and troubleshooting.</p>