

FEELWORLD F5 PRO V4

FEELWORLD F5 PRO V4 6-Inch Camera Field Monitor User Manual

Model: F5 PRO V4 | Brand: FEELWORLD

1. INTRODUCTION

The FEELWORLD F5 PRO V4 is a versatile 6-inch camera field monitor designed to enhance your video shooting experience. Featuring a full HD 1920x1080 IPS touch screen, 4K HDMI input/output, and multiple power options, this monitor provides precise monitoring and advanced tools for professional filmmakers and videographers. Its compact and lightweight design, combined with a 360° tilt arm, offers flexibility for various shooting setups.

2. PACKAGE CONTENTS

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

- FEELWORLD F5 PRO V4 Monitor
- Tilt Arm
- Micro HDMI Cable
- Sunshade
- Battery (NP-F970 compatible)
- Battery Charger
- Type-C USB Cable
- User Manual



Image: FEELWORLD F5 PRO V4 Monitor with its complete set of accessories, including cables, battery, charger, and sunshade.

3. KEY FEATURES

- **6-inch IPS Full HD Touch Screen:** 1920x1080 resolution with 450 nits brightness and 1000:1 contrast ratio for clear, accurate visuals.
- **4K HDMI Input/Output:** Supports 4K UHD 30P and 4K 24P signals with loop-out functionality for connecting to other displays.
- **Multiple Power Options:** Compatible with Sony F970 and Canon LP-E6 series batteries, 5V Type-C input, and DC 12V input. Features a DC 8.4V output to power your camera.
- **360° Tilt Arm:** Provides flexible viewing angles and includes a cold shoe mount for additional accessories.
- **Advanced Monitoring Tools:** Includes Waveform, Vector Scope, Histogram, Peaking Filter, False Colors, Exposure, Zoom-in, Image Flip, Embedded Audio, Nine Grid, and user-loadable 3D LUTs.
- **Lightweight and Portable:** Weighing approximately 0.54 lbs, it is ideal for handheld setups and gimbals.
- **Rec.709 Color Calibration:** Ensures accurate color reproduction.

Easier your photography process

Professional monitoring firmware with rich and reliable functions



3D LUT



Waveform



Vector Scope



Histogram



Peaking Filter



Anamorphic Mode



False Colors



Exposure



Zoom-in

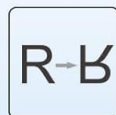


Image Flip



Embedded Audio



Nine Grid

Image: The monitor screen showcasing various professional monitoring functions like 3D LUT, Waveform, Vector Scope, and Histogram.

IPS HDR Screen

High quality screen and accurate color calibration follow Rec.709 standard, accurately restore the true color of things. Never let the color difference affect your photography.



Image: Visual representation of the IPS HDR screen's features, including 1920x1080 resolution, 160° viewing angle, 450 nits brightness, and 1000:1 contrast ratio.

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Video: An overview of the FEELWORLD F5 PRO V4 6-inch camera field monitor, highlighting its touch screen, HDMI capabilities, and IPS FHD display.

4. SETUP

4.1 Attaching the Tilt Arm

1. Locate the 1/4-inch screw hole on the bottom of the monitor.
2. Screw the tilt arm securely into this hole.
3. Attach the tilt arm's cold shoe mount to your camera's hot shoe or a compatible rig.
4. Adjust the monitor angle using the tilt arm's locking mechanism.

4.2 Connecting to a Camera

1. Connect one end of the HDMI cable (Micro HDMI to HDMI) to the HDMI OUT port on your camera.

2. Connect the other end to the HDMI IN port on the F5 PRO V4 monitor.
3. For HDMI loop-out, connect a second HDMI cable from the monitor's HDMI OUT port to another display.

4.3 Powering the Monitor

The F5 PRO V4 offers several power options:

- **NP-F/LP-E6 Battery:** Insert a compatible battery into the battery plate on the back of the monitor.
- **Type-C Input:** Connect a 5V Type-C power source (e.g., power bank, phone charger) to the Type-C port. Note: This port is for power input only, not data transmission or loop-out.
- **DC 12V Input:** Use a DC 12V power adapter connected to the DC IN port.

4.4 Installing the Sunshade

1. Align the sunshade frame with the grooves around the monitor screen.
2. Gently press to secure the sunshade in place.

F5 Pro

5.5" Full HD 4K

HDMI Touchscreen Monitor

Provide even better sharpness and monitoring tools
for the photographer



Innovative External Install and Power Design

Simplify your photography equipment

A Sony F970 external install and power kit design is added to the back of the monitor. The external kit can be used to install and install the external equipment, like wireless transmitter, LED light, video converter and others which can be powered by Sony F970 battery. This innovative external power supply design reduces the need for photographers to connect to external wireless transmission, LED light and other equipment, greatly saving the space occupied by the equipment and reducing the weight of photography equipment. The kit has two cross slots, you can adjust the position of the external device by loosening the screws. When you don't need the kit, you can directly loosen the screws to remove the kit.



• Sony F970
external install

Image: The rear view of the monitor, illustrating the external power mount design for accessories and various input/output ports.

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Video: A quick demonstration of the FEELWORLD F5 PRO monitor's unboxing, assembly, and connection to a camera, showcasing its compact design and ease of use.

5. OPERATING THE MONITOR

5.1 Basic Navigation

- **Touch Screen:** Tap or swipe on the screen to access menus and adjust settings.
- **Buttons:** Use the physical buttons (F1, F2, F3, MENU, <, >, EXIT) on the top of the monitor for quick access to functions and menu navigation.

5.2 Using Monitoring Tools

The F5 PRO V4 includes a suite of professional monitoring tools:

- **Waveform:** Displays the luminance and chrominance levels of your video signal.
- **Vector Scope:** Shows the color saturation and hue of your video.
- **Histogram:** Visualizes the tonal distribution of your image.
- **Peaking Filter:** Highlights sharp edges in your image to assist with focus.
- **False Colors:** Helps set proper exposure by displaying different exposure levels in distinct colors.
- **3D LUT:** Load custom 3D LUTs via a USB flash drive to preview your footage with desired color grades.

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Video: A detailed introduction to the functions and features of the FEELWORLD F5 PRO V3 (similar to V4), demonstrating its advanced monitoring tools and user interface.

3D LUT OUTPUT

4K UHD 30P
3840×2160

IN&OUT

4K 24P
4096x2160

IN&OUT

Store the LUT file on the USB flash drive and insert it into the monitor to load it automatically. Select 3D LUT effect from the menu.



Before Loading



After Loading

Image: Illustration of the 3D LUT output feature, showing how to load LUT files via USB and the visual difference before and after applying a LUT.

6. POWER SUPPLY

The F5 PRO V4 offers flexible power solutions:

- **Battery Power:** The monitor supports NP-F series batteries (e.g., F970, F960, F770, F750, F570, F550) and Canon LP-E6 series batteries.
- **Type-C Power Input:** A 5V Type-C port allows for convenient power input from various sources.
- **DC 12V Power Input:** For continuous power, connect a DC 12V adapter.
- **DC 8.4V Power Output:** The monitor can power your DSLR or mirrorless camera directly via its DC OUT 8.4V port, reducing the need for additional camera batteries.

Multiple Power Supply Ways

In addition to the power supply through the F970 battery plate and 12V DC power input, it also supports 5V Type-C input, which can be powered by mobile phone charger or power bank. (At least 5V/2A)

Note: The 5V Type-C port is only used for power supply, not for data transmission, and cannot provide loop-out power.



F970 battery plate is compatible with Sony F series batteries:
F970 F960 F950 F930 F770 F750 F730 F570 F550 F530 QM91D QM91
QM90D QM90 QM71D QM71 QM70D QM70 QM51D QM51 FM71 FM70



5V Type-C input



Image: Diagram showing the F970 battery plate compatibility and the 5V Type-C input option for powering the monitor.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the monitor screen and body. For stubborn smudges, use a screen-specific cleaning solution applied to a microfiber cloth, not directly to the screen.
- **Storage:** Store the monitor in a cool, dry place away from direct sunlight and extreme temperatures. Use the provided carrying case for protection during transport.
- **General Care:** Avoid dropping the monitor or subjecting it to strong impacts. Keep it away from water and excessive dust.



Portable Sunshade, Easy Install

The F5 Pro monitor is equipped with a sunshade, which allows the photographer to focus more on the video and avoid the interference of strong light, providing a better visual experience. The installation process is simple and fast, which is very suitable for outdoor shooting.



Image: The F5 PRO V4 monitor with its portable sunshade attached, demonstrating easy installation for improved outdoor visibility.

8. TROUBLESHOOTING

- **No Signal:** Ensure HDMI cables are securely connected to both the camera and the monitor. Verify the camera's HDMI output settings are correct.
- **Screen Blank/No Power:** Check battery charge or external power source connection. Ensure the power button is pressed.
- **Image Distortion:** Confirm the input signal resolution is supported by the monitor. Try a different HDMI cable.
- **Touch Screen Unresponsive:** Restart the monitor. Ensure the screen is clean and dry.






9. SPECIFICATIONS

Feature	Detail
Screen Size	6 inches
Display Panel	IPS Touch Screen
Resolution	1920x1080
Brightness	450 cd/m ² (Nits)
Contrast Ratio	1000:1
Viewing Angle	160° (H/V)
Video Input	1 x HDMI
Video Output	1 x HDMI
Audio Output	3.5mm Headphone Jack
Power Input	DC 12V, Type-C 5V
Power Output	DC 8.4V
Battery Plate	Dual NP-F / Single LP-E6 compatible
Weight	Approx. 0.54 lbs (245g)

10. WARRANTY AND SUPPORT

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

Related Documents - F5 PRO V4

<div><div>7" Full HD On-camera Monitor</div><div>Support 4K HDMI Input/Output</div><div></div><div>User Manual</div></div>	<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>
<div><div>FEELWORLD</div><div>FW759 PRO</div><div>7" Touch Camera Monitor</div><div></div><div>User Manual</div></div>	<p>FEELWORLD FW759 PRO 7-Inch Touch Camera Monitor - Features, Specs, and Overview</p> <p>Detailed overview of the FEELWORLD FW759 PRO 7-inch touch screen camera monitor, including key features, auxiliary functions, technical parameters, structure, and power options. Ideal for professional videography.</p>
<div><div>5.5" High Bright Monitor</div><div>F970 Install and Power Kit</div><div></div><div>User Manual</div></div>	<p>FeelWorld 5.5" High Bright Monitor F970 Install and Power Kit User Manual</p> <p>Comprehensive user manual for the FeelWorld 5.5-inch High Bright Monitor with F970 Install and Power Kit. Covers features, operation, installation, technical specifications, and troubleshooting.</p>
<div><div>6" HDMI Touchscreen Monitor</div><div>2600nits Daylight Viewable</div><div></div><div>User Manual</div></div>	<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>
<div><div>7" 3D LUT Touchscreen Monitor</div><div>2200nits Daylight Viewable</div><div></div><div>User Manual</div></div>	<p>FEELWORLD LUT7 7-inch Touchscreen Monitor User Manual</p> <p>Comprehensive user manual for the FEELWORLD LUT7 7-inch 3D LUT Touchscreen Monitor, detailing its features, operation, and technical specifications. Learn about its 2200nits daylight viewable display, IPS panel, and various video assist functions.</p>

7" Touchscreen Monitor
F970 Install and Power Kit



User Manual

[FEELWORLD F970 7" Touchscreen Monitor User Manual](#)

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.