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FEELWORLD FW279S

FEELWORLD FW279S 7-Inch Ultra-Bright DSLR Camera Field Monitor User Manual

Model: FW279S

1. Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your FEELWORLD FW279S 7-inch Ultra-Bright DSLR Camera Field Monitor. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.



Image 1.1: The FEELWORLD FW279S 7-inch Ultra-Bright DSLR Camera Field Monitor, showcasing its sleek design.

2. Key Features

- **7-inch IPS Display:** High-resolution 1920x1200 screen with 323 PPI for sharp images.
- **Ultra-Bright 2200nit:** Ensures clear visibility even in direct sunlight without a sun hood.
- **Wide Viewing Angle:** 160-degree IPS viewing angle for consistent image quality from various positions.
- **Professional Color Calibration:** Rec.709 standard for accurate color reproduction.
- **Versatile Connectivity:** Features 4K HDMI Input/Output and 3G-SDI Input/Output.
- **Advanced Monitoring Tools:** Includes Histogram, Peaking Focus Assist, False Colors, Zebra Exposure, Nine Grid, Scan Mode, Zoom, Anamorphic Mode, Pixel to Pixel, Center Marker, Safe Area, Ratio Marker, Marker Color, Check Field, Image Flip, Image Freeze, Zoom All, U/D & L/R Zoom, and Color Temperature Adjustment.
- **Lightweight and Compact Design:** Weighs 365g, suitable for various camera setups.
- **VESA 75 Mounting:** Provides flexible mounting options.



Image 2.1: Overview of key features highlighting the monitor's brightness, resolution, and connectivity.



Image 2.2: Visual comparison demonstrating the superior clarity of the 2200nit display in bright environments.



Image 2.3: Detailed display specifications for the FW279S monitor.

3. Package Contents

Upon unpacking, please verify that all items listed below are included and in good condition:

- FEELWORLD FW279S Monitor
- Mini HDMI Cable
- Hot Shoe Mount
- F970 Battery Plate
- Operation Manual (this document)



Image 3.1: Visual representation of the items included in the product package.

4. Setup Instructions

4.1 Powering the Monitor

The FW279S monitor can be powered via a DC 12V 3A power adapter (sold separately) or an F970 series battery (sold separately).

1. **Using a DC Power Adapter:** Connect a compatible 12V 3A DC power adapter to the DC IN port on the monitor.
2. **Using an F970 Battery:** Attach the F970 battery plate to the monitor. Ensure the battery is fully charged, then slide it onto the battery plate until it clicks into place.

Note: The monitor has a high power consumption (≤18W) due to its ultra-bright display. A larger capacity battery, such as a Sony F970, is recommended for extended use (approximately 2-3 hours).

4.2 Mounting the Monitor

The monitor offers flexible mounting options:

- **Hot Shoe Mount:** Attach the included hot shoe mount to your camera's hot shoe or a compatible rig. Secure

the monitor to the hot shoe mount.

- **VESA 75 Mount:** For more robust installations, the monitor features VESA 75 mounting holes on the back. Use compatible VESA 75 brackets (not included) to attach the monitor to a stand or arm.

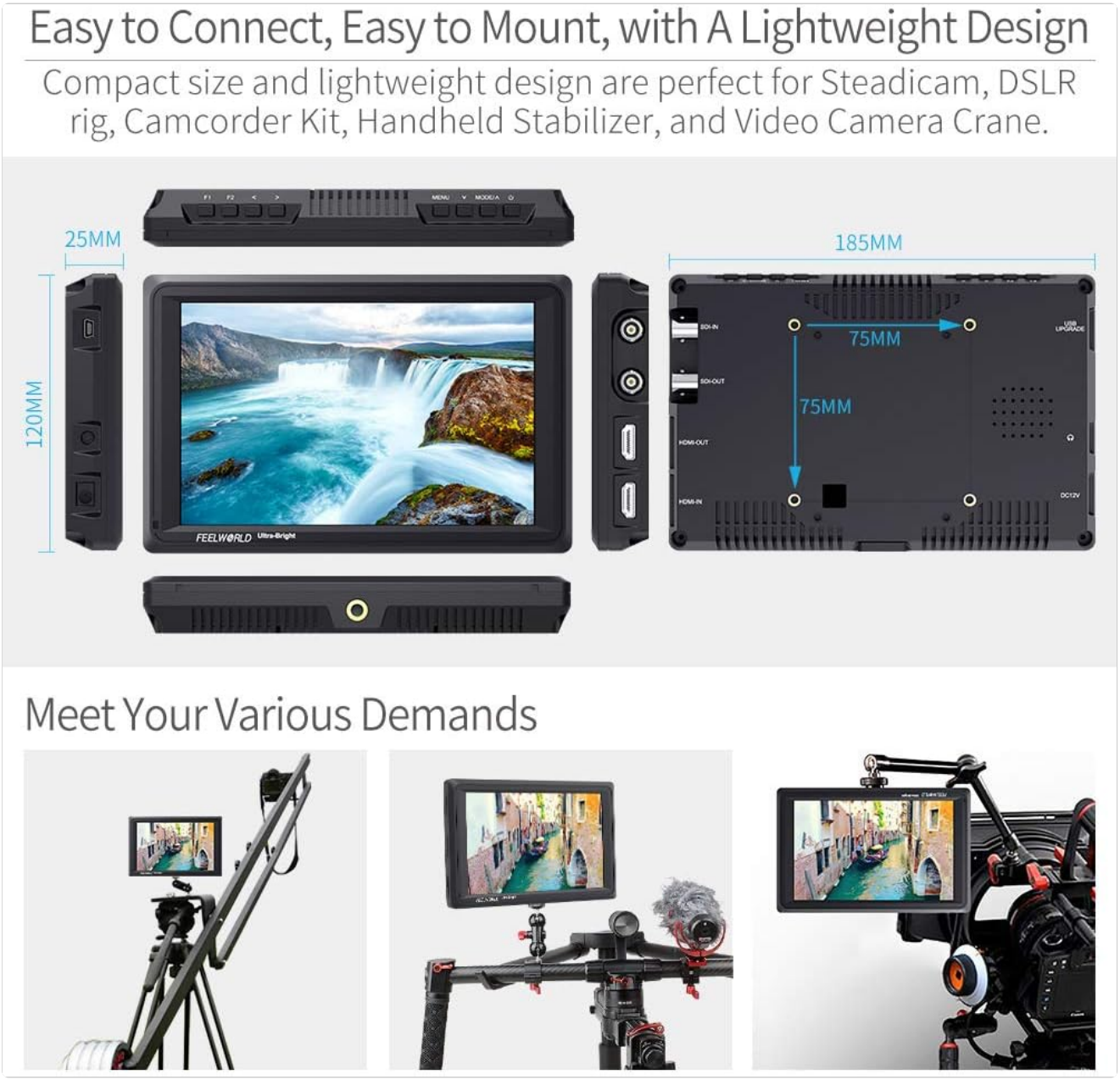


Image 4.1: Monitor dimensions and examples of mounting setups.

4.3 Connecting Video Sources

The FW279S supports both HDMI and 3G-SDI video inputs and outputs.

1. **HDMI Connection:** Use the provided Mini HDMI cable to connect your camera's HDMI output to the monitor's HDMI IN port. The monitor supports HDMI signals up to 4Kp30.
2. **3G-SDI Connection:** Connect your camera's SDI output to the monitor's SDI IN port using an SDI cable (not included).
3. **Loop-Through Output:** The monitor features HDMI OUT and SDI OUT ports, allowing you to loop the video signal to another display or recorder.



Image 4.2: Detailed view of the monitor's connectivity ports.

5. Operating Instructions

5.1 Power On/Off

Press and hold the power button (usually located on the side or top of the monitor) to turn the device on or off.

5.2 Menu Navigation

The monitor features a menu system for adjusting settings and activating monitoring tools. Specific button functions may vary slightly, but generally include:

- **MENU Button:** Accesses the main menu.
- **Navigation Buttons (Up/Down/Left/Right):** Used to navigate through menu options and adjust values.
- **SELECT/OK Button:** Confirms selections.
- **Custom Function Buttons (F1, F2):** Two customizable buttons for quick access to frequently used features.

5.3 Professional Monitoring Features

The FW279S includes a suite of tools to assist with accurate framing, focus, and exposure:

- **Histogram:** Displays the tonal distribution of the image, helping to prevent over or under-exposure.
- **Peaking Focus Assist:** Highlights in-focus areas with a selectable color (Red, Green, Blue) to aid in precise focusing.
- **False Colors:** Uses a spectrum of colors to represent different exposure levels, allowing for quick exposure analysis.
- **Zebra Exposure:** Overlays zebra stripes on areas exceeding a set exposure threshold.
- **Nine Grid:** Provides a compositional grid for framing assistance.
- **Embedded Audio:** Displays audio levels from the input signal.
- **Zoom (4x, 9x, 16x):** Magnifies parts of the image for critical focus checks.
- **Anamorphic Mode (1.3x, 2.0x, 2.0x mag):** De-squeezes anamorphic footage for proper viewing.
- **Pixel to Pixel:** Displays the image at its native resolution without scaling.
- **Center Marker** / **Safe Area** / **Ratio Marker:** Aids in framing and ensuring content is within broadcast-safe zones.
- **Image Flip (H, V, H/V):** Flips the image horizontally, vertically, or both.
- **Image Freeze:** Pauses the current video frame.
- **Color Temperature Adjustment:** Allows fine-tuning of the display's color temperature.



Image 5.1: Visual representation of the monitor's professional assistance features.

6. Troubleshooting

This section addresses common issues you might encounter with your FW279S monitor.

6.1 Monitor Does Not Turn On

- Ensure you are using the standard 12V 3A power adapter or a fully charged F970 series battery.
- Check all power connections for secure contact.

6.2 "No Signal" Message Displayed

- Try a different HDMI or SDI cable to rule out cable malfunction.
- Connect the monitor to another video source (e.g., a computer) to verify the monitor's input functionality.
- Verify that your camera's output signal format is supported by the monitor. Adjust camera output settings if necessary.

6.3 Noise During Recording (Audio)

- If audio noise is present, press and hold the "<" button on the monitor to decrease the volume to near zero. This can help prevent audio interference during recording.

6.4 Image Not Clear or Colors Incorrect

- Check the resolution settings on both your camera and the monitor to ensure they match.
- Adjust the brightness, contrast, and color temperature settings in the monitor's menu.
- Ensure the Rec.709 color calibration is active for accurate color representation.

7. Specifications

Feature	Specification
Screen Size	7 Inches
Resolution	1920 x 1200
Aspect Ratio	16:10
Brightness	2200 cd/m² (nit)
Contrast Ratio	1200:1
Viewing Angle	160° (IPS)
Video Inputs	1x HDMI, 1x 3G-SDI
Video Outputs	1x HDMI, 1x 3G-SDI
Audio Output	3.5mm Headphone Jack, Built-in Speaker
Power Input	DC 12V, F970 Battery Plate
Power Consumption	≤18W
Mounting Options	Hot Shoe Mount, VESA 75
Dimensions	3.94 x 3.94 x 3.94 inches
Weight	12.9 ounces (365g)

8. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the monitor screen and body. For stubborn smudges, a slightly damp cloth with a mild, non-abrasive cleaner can be used, ensuring no liquid enters the device.
- **Storage:** When not in use for extended periods, store the monitor in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** If using batteries, ensure they are charged periodically even when not in use to maintain battery health. Remove batteries if storing the monitor for a long time.

9. Warranty and Support

The FEELWORLD FW279S monitor comes with a **1-year official warranty**. For warranty claims, technical support,

or service inquiries, please contact FEELWORLD customer service. Support is available in the US.
For further assistance, please refer to the official FEELWORLD website or contact their support channels.

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