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## FEELWORLD FW279

# FEELWORLD FW279 7-inch Ultra-Bright DSLR Camera Field Monitor User Manual

Model: FW279

## 1. INTRODUCTION

Thank you for purchasing the FEELWORLD FW279 7-inch Ultra-Bright DSLR Camera Field Monitor. This manual provides detailed instructions for setting up, operating, and maintaining your monitor. Please read this manual thoroughly before use to ensure optimal performance and longevity of your device.

## 2. PRODUCT OVERVIEW

### 2.1 Key Features

- **2200nit High Brightness:** Designed for outdoor use, providing a crisp, sunlight-viewable image without a sun hood.
- **Full HD 1920x1200 Resolution:** Features 323 PPI, 1200:1 contrast, and 160-degree IPS viewing angle with Rec.709 professional color calibration for sharp image analysis.
- **4K HDMI Input/Output:** Compatible with 4K cameras and DSLRs, supporting up to 4Kp30. Includes 3.5mm stereo headphone jack and built-in speaker for audio monitoring.
- **Lightweight and Compact Design:** Weighs 365g, ideal for Steadicam, DSLR rigs, camcorder kits, handheld stabilizers, and video camera cranes. Features VESA 75 mounting holes.
- **Professional Monitoring Functions:** Includes Focus Assist, Histogram, False Colors, 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.

### 2.2 What's in the Box

- 1 × FW279 Monitor
- 1 × Mini HDMI Cable
- 1 × Hot Shoe Mount
- 1 × F970 Battery Plate
- 1 × Operation Manual

*Note: Battery and power adapter are not included and must be purchased separately. A 12V 3A power adapter is recommended.*

### 2.3 Product Diagram

# 7" 2200nit Daylight Viewable Monitor

Perfect Companion for Outdoor Shooting

  
**2200nit**  
Ultra Bright



**1920X1200**  
Full HD

**4K HDMI**  
IN & Out

**365g**  
Lightweight Design

Figure 1: Front view of the FEELWORLD FW279 monitor, showcasing its 7-inch ultra-bright display and compact design.

# Your Cameras Best Friend

Ideal for 4K HDMI Cameras and DSLRs



The loop thru output lets you monitor on larger displays or projectors. Convenient for directors and photographers to monitor at the same time.



Figure 2: Rear view of the monitor, highlighting the 4K HDMI input and output ports for versatile connectivity.

# Easy to Connect, Easy to Mount, with A Lightweight Design

Compact size and lightweight design are perfect for Steadicam, DSLR rig, Camcorder Kit, Handheld Stabilizer, and Video Camera Crane.



## Meet Your Various Demands



Figure 3: Dimensions of the FW279 monitor and illustration of VESA 75 mounting holes for easy integration into various setups.

## 3. SETUP

### 3.1 Power Connection

1. **Using a Power Adapter:** Connect a standard 12V 3A power adapter (not included) to the DC 12V input port on the side of the monitor.
2. **Using an F970 Battery:** Attach a compatible F970 series battery (e.g., Sony F970, F960, F770, F570) to the F970 battery plate on the back of the monitor. Ensure the battery is fully charged.

After correctly connecting to the power supply, the indicator light will turn red. Press the power button to turn on the monitor, and the indicator will turn yellow. Upon receiving a signal, it will turn green.

### 3.2 Connecting to a Camera

Use the provided Mini HDMI Cable to connect your camera's HDMI output to the HDMI IN port on the monitor. The monitor supports 4K HDMI signals up to 4Kp30.

### 3.3 Mounting the Monitor

The FW279 monitor can be mounted using the included Hot Shoe Mount or via the VESA 75 mounting holes on the back. The hot shoe mount allows attachment to a camera's hot shoe or a rig with a cold shoe adapter. For more

stable setups, use the VESA 75 mounting holes with a compatible mount.



Video: Step by Step Photography Equipment Build Up. This video illustrates the process of assembling camera equipment, including the FEELWORLD monitor, onto a rig.

## 4. OPERATING INSTRUCTIONS

### 4.1 Basic Operation

- **Power On/Off:** Press the power button on the top panel to turn the monitor on or off.
- **Menu Navigation:** Use the 'MENU' button to access the On-Screen Display (OSD) menu. Use the arrow buttons (< and >) to navigate through options and the 'MENU' button again to confirm selections.
- **Volume Control:** Long press the '<' button to decrease volume and the '>' button to increase volume. Mute audio during recording to avoid echo.

### 4.2 Advanced Monitoring Features

The FW279 offers a range of professional features to assist with accurate framing, focus, and exposure. These can be accessed via the OSD menu or assigned to the customizable F1/F2 shortcut buttons.

# Add Professional Monitoring to Your Camera

To help shooters quickly and accurately analyse the image the camera is capturing (framing, focus, exposure, etc.).



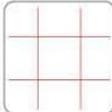
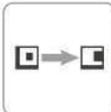
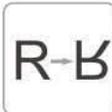
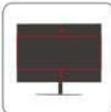
 Histogram	 Peaking Filter	 False Colors	 Exposure	 Nine Grid	 Embedded Audio
 Pixel-to-Pixel	 Check Field	 Image Flip	 Anamorphic Mode	 Image Freeze	 Zoom-in

Figure 4: Icons representing the various professional monitoring features available on the FW279 monitor.

- **Focus Assist (Peaking):** Highlights sharp edges in red, green, or blue to aid in achieving precise focus.
- **Histogram:** Displays the tonal distribution of your image, helping to prevent under or overexposure.
- **False Colors:** Uses color overlays to represent different exposure levels, allowing for quick exposure adjustments.
- **Zebra Exposure:** Overlays stripes on areas that exceed a set exposure threshold, indicating overexposed regions.
- **Nine Grid / Center Marker / Safe Area / Ratio Marker:** Various framing guides to assist with composition and ensuring content fits different aspect ratios.
- **Zoom:** Magnifies a portion of the image for critical focus checks.
- **Anamorphic Mode:** De-squeezes anamorphic footage for proper viewing.
- **Image Flip:** Flips the image horizontally or vertically, useful for different mounting orientations.
- **Embedded Audio:** Monitors audio levels from the HDMI input.



Video: Main Film and BeTS-FEELWORLD FW279 Camera Monitor. This video provides a general overview and demonstration of the monitor's capabilities.



Video: FEELWORLD FW279 7 Inch 2200nit Ultra Bright Daylight Viewable Monitor. This video highlights the monitor's exceptional brightness for outdoor use.

## 5. SPECIFICATIONS

Feature	Description
Model	FW279
Screen Size	7" IPS
Display Colors	16.7M (8 bit)
Resolution	1920 x 1200 Pixels
Dot Pitch	0.07875 (H) x 0.07875 (W) mm
Aspect Ratio	16:10
Brightness	2200cd/m2
Contrast	1200:1
Viewing Angle	80°/80°(L/R) 80°/80°(U/D)
Input	HDMI
Output	HDMI
Audio	Stereo Headphone, Speaker (built-in)
HDMI Input/Output Support Format	480i/576i/480p/576p, 1080i (60/59.94/50), 720p (60/59.94/50/30/29/25/24/23.98), 1080p (60/59.94/50/30/29.97/25/24/24sF/23.98/23.98sF), 4K UHD 3840×2160p (30/29.97/25/24/23.98 Hz), 4096×2160p (24Hz)

Feature	Description
Power Consumption	≤18W
Input Voltage	DC7 ~ 24V
Power Connector	DC
Battery Plate	F970 (Standard); D28S/D54, LP-E6, U60 (Optional)
Operating Temperature	-20°C ~ 55°C
Storage Temperature	-30°C ~ 65°C
Unit Size	185L x 120H x 25D (mm)
Unit Weight	365g / 395g (With F970 Battery Plate)

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your FEELWORLD FW279 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 a cool, dry place, away from direct sunlight and extreme temperatures. Use a protective case to prevent scratches and impacts.
- **Handling:** Handle the monitor with care. Avoid dropping it or subjecting it to strong vibrations.
- **Power:** Always use the recommended power supply (12V 3A adapter or F970 series battery). Disconnect power when not in use for extended periods.

## 7. TROUBLESHOOTING

If you encounter any issues with your FW279 monitor, please refer to the following common problems and solutions:

- **Monitor does not turn on:**
  - Ensure you are using a standard 12V 3A power adapter or a fully charged F970 series battery.
  - Check all power connections to ensure they are secure.
- **No signal displayed on the monitor:**
  - Try using a different HDMI cable to rule out cable issues.
  - Connect the monitor to another HDMI source (e.g., a computer) to verify the monitor's functionality.
  - Check your camera's output settings to ensure the HDMI signal format is supported by the monitor (refer to Specifications section).
- **Noise during recording (when monitor is connected):**
  - Long press the '<' button to turn down the monitor's volume to near zero. This will prevent audio feedback or echo during recording.

- **Monitor gets hot during operation:**

- The FW279 is an ultra-bright monitor with high power consumption ( $\leq 18W$ ), which can generate heat. This is normal. Ensure adequate ventilation around the monitor.

- **Battery drains quickly:**

- Due to its high brightness, the monitor consumes significant power. Use high-capacity batteries (e.g., Sony F970 can last approximately 2-3 hours).
- Keep a spare battery on hand, as the monitor may show 20% battery life before quickly shutting down.

## 8. WARRANTY AND SUPPORT

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FEELWORLD provides a **1-year warranty** for the FW279 monitor. For any technical assistance, warranty claims, or after-sales support, please contact FEELWORLD's US local support team. Refer to the contact information provided in your product packaging or on the official FEELWORLD website.