

**FW279**

---

**FEELWORLD FW279 7 Inch 2200nit Daylight Viewable Camera Field Monitor 4K HDMI Input Output 1920X1200 IPS**

Panel





**FEELWORLD®**

**FW279**  
**7" 2200nit Daylight Viewable**  
**HDMI Field Monitor**  
 Making it ideal for shooting outside and viewable even in direct sunlight



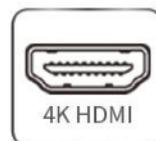
Ultra Bright



Resolution



Color Gamut



In&Out



Thin Design

## Professional Monitoring Tool

The FW279 has extensive monitoring tools, including histogram, focus assist, embedded audio, false colors, zebra exposure, ratio marker, anamorphic mode, zoom etc. It could help you create the wonderful shots.



Histogram



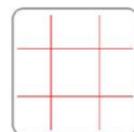
Peaking Filter



False Colors



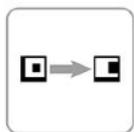
Exposure



Nine Grid



Embedded Audio



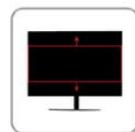
Pixel-to-Pixel



Check Field



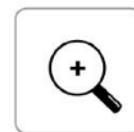
Image Flip



Anamorphic  
Mode



Image Freeze



Zoom-in

## Image Quality to Fuel Your Creative Flow

FEELWORLD FW279 provides 7" an 8-bit IPS screen with 1920x1200 resolution, 323ppi pixel density, professional color calibration to overcome natural LCD color drift. The FW279 displays sharper images, better text clarity and color reproductions regardless of your shooting conditions. The FW279 has a wide viewing angle so that everyone on set can review the action.



1920x1200  
Resolution



323 PPI  
Pixel Density



1200:1  
Contrast



160°/160°  
Viewing Angle



2200nit

450nit

### High Bright 2200nit for Outdoor Shooting

FEELWORLD FW279 ultra-high brightness monitor uses the "golden size" 7-inch panel. The FW279 monitor not only has the resolution and pixel density to make every shot look amazing, the high bright 2200nit screen at almost 5 times the brightness of conventional field monitors lets you shoot outdoors without reflections washing out your image. This makes it a great choice for gimbals, Steadicam and director's monitors, delivering a crisp image without the bulk and viewing angle restrictions of a sun hood.

### Simple, Practical Design

It's no surprise the FW279's simple, practical design makes it the ideal choice for the filmmakers, cinematographers, photographers, and videographers prefer due to its size and weight for field production. It's easy to add professional monitoring to 4K HDMI cameras or DSLRs with FEELWORLD FW279! And also it's easy to connect, easy to mount, with a slim and simple design.



### True Color · Professional Color Calibration

Use Rec.709 color standard

FEELWORLD uses the professional Rec.709 HD color standard, and uses the color calibration technology, with the professional instrument calibration at the factory, it can achieve monitor calibration efficiently and get accurate color reproduction easily, do not distort the color, show the real image when you shooting video.

### Accurate Color Reproduction

FEELWORLD monitor support ITU standards and HD video Rec.709 standard consistent color space, advanced image processing technology, so that the image clearly presented, the color is extremely natural, to ensure accurate color reproduction, to reproduce the physical nature of shooting, enabling users to accurately evaluate the quality of various input video signals.



### Intuitive Controls and Menus

The menu controls are intuitive and easy to use. On the top of the monitor, you'll get the full button layout. Two different feature buttons which are programmable to the various features that you use the most. Maybe you could set one of the shortcut keys to the image flip function so that the screen can be flipped over quickly when shooting upside down.

The monitor will automatically save the parameters you have previously set, and keep the original settings when you turn it on next time. It does not need to be reset, which is convenient and simple.

### Your Cameras Best Friend

#### Ideal for 4K Cameras and DSLRs

The compact design of the FW279 includes 4K HDMI in/ out so you can connect them to virtually 4K cameras and DSLRs! The HDMI connection is compatible up to 4Kp30. You can also monitor audio using the 3.5mm stereo headphone jack or, the built in speaker.

### 4K HDMI Loop-out

The FW279 has 4K HDMI in and loop-out, allowing it to not only display live signals, but also send them out to other monitors simultaneously. It's the ability to display live picture on multiple displays at once while still maintaining the original video quality.

#### Connect to Wireless Transmitter

Transmission to film crew director monitoring at the same time. Without the cable more flexible to transition between scenes effortlessly for outdoor shooting.

### Connect to Director Monitor

Display live picture on multiple displays simultaneously.

### Connect to Projector

At the concert, live broadcast, conference, you can connect to project display real-time images.

### Mounting Point

Attach to cameras, equipment carts or hang it anywhere

FEELWORLD FW279 features standard 1/4" mount points on the bottom for attaching it to cameras and rigs. When you are using the upside down installation, you can turn on the image flip function to maintain the correct orientation.

### 75mm VESA Mounting Holes

Alternatively, you can use the VESA 75 mounting holes set in the back to attach the monitor to a sturdier mount if needed.

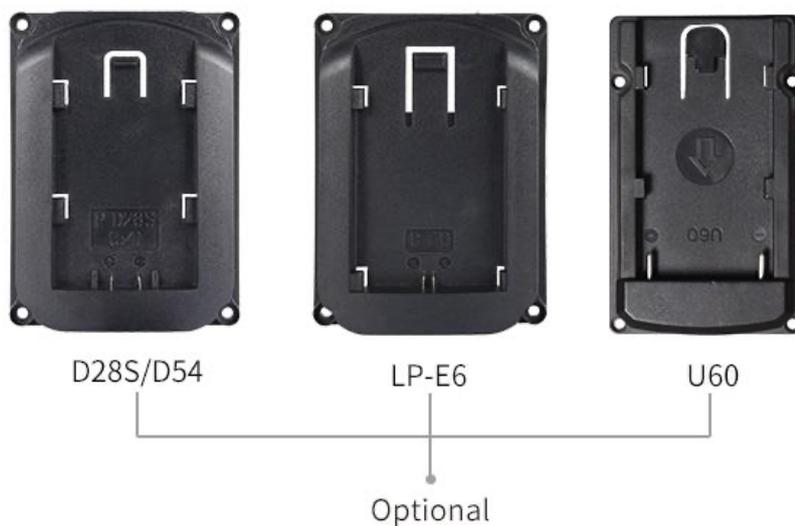
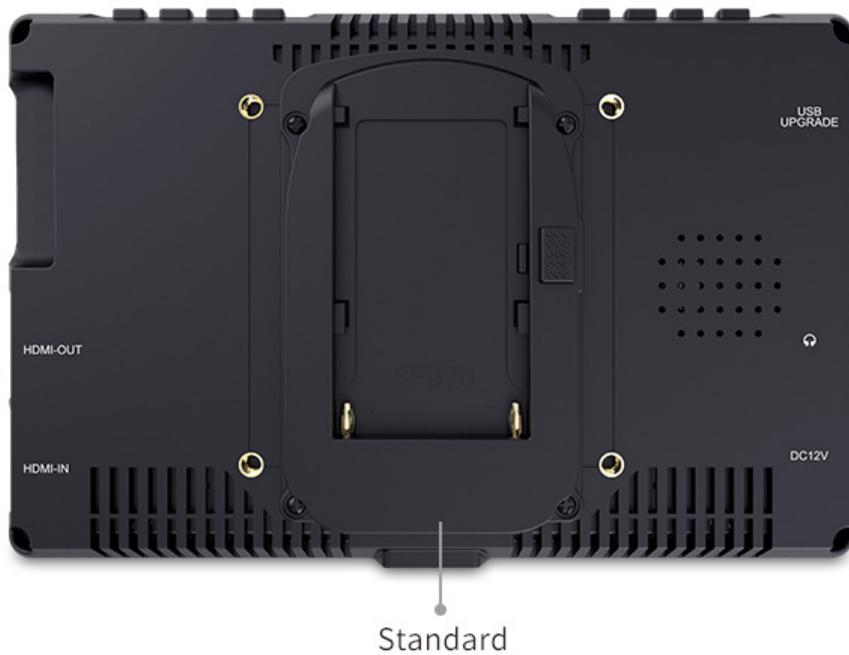
### Continuous Power

Plug it in or go mobile

For power, there's a 12V DC input and a F970 battery plate (standard). You could connect the 12V DC input you get continuous power or you can run it off of Sony compatible F970 rechargeable batteries. You can also choose D28S/D54, LP-E6 or U60 battery plate to install other different types of batteries for power supply.

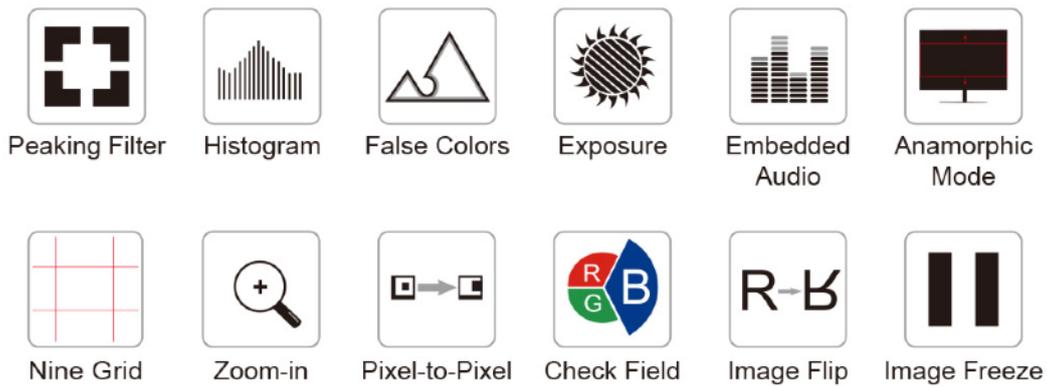
Note: When you turn off the monitor, you need to press the power button, and you can't pull out the power cable directly.

Since the FW279 is a high-brightness monitor, use a DC7-24V output with a power supply greater than 18W, such as a 12V/2A power adapter.





1. High Resolution: Full HD 1920x1200
2. High Contrast: 1200:1
3. Ultra Brightness: 2200cd/m<sup>2</sup>
4. 160°wide viewing angles IPS Panel
5. Ultra thin design 25mm thickness
6. Histogram
7. Peaking Focus Assist (Red,Green,Blue three colors optional highlight over parts of the image in focus)
8. False Colors
9. Zebra Exposure
10. Nine Grid
11. Embedded Audio
12. Scan Mode (Under Scan, Over Scan)
13. Zoom (4x,9x,16x)
14. Anamorphic Mode (1.3x, 2.0x, 2.0x mag, User-defined adjustment: 1.20X~2.00X)
15. Pixel to Pixel
16. Center Marker
17. Safe Area (80%,85%,90%,93%,96%,2.35:1)
18. Ratio marker (4:3,13:9,14:9,15:9,16:9,1.85:1,2.35:1)
19. Marker Color (Red,Green,Blue,White,Black)
20. Check Field (Red/Green/Blue/Mono)
21. Image Flip (H, V, H/V)
22. Image Freeze
23. Zoom All (0~100 adjustable)
24. U/D & L/R Zoom (0~100 adjustable)
25. Color Temperature Adjustment



### Brightness Histogram

The Brightness Histogram is a quantitative tool to check the picture brightness. The feature shows the distribution of brightness in an image as a graph of brightness along the horizontal axis (Left:Dark, Right:Bright) and a stack of the number of pixels at each level of brightness along the vertical axis.

### Embedded Audio Monitoring

The Audio Level Meters provide numerical indicators and headroom levels. It can generate accurate audio level displays to prevent errors during monitoring. The audio meter is green, and will turn yellow when it exceeds -20dB, and turn red when it exceeds -9dB.

### Peaking Focus Assist

The Peaking Filter is used to aid the camera operator in obtaining the sharpest possible picture. When activated, the internal processor will display a colored highlight on the screen where sharp edges appear. You can switch the outline color between red, green, blue according to different tones of the subject.

### False Color

The False Color filter is used to aid in the setting of camera exposure. As the camera iris is adjusted, elements of the image will change color based on the luminance or brightness values. This enables proper exposure to be achieved without the use of costly, complicated external test equipment.

### Exposure (zebras)

The Exposure is used to assist in exposure adjustment in the mode of Zebra Pattern. It is considered overexposed and displays the moving warning lines onto the overexposed areas. 1-100IRE adjustable.

#### Check Field

Check Field is an assistant function to adjust camera color settings. Under the check field mode, you can use red, green, blue or mono pixels to generate the image, because hue and saturation can be adjusted more quickly and accurately in this environment.

#### Zoom In (4X, 9X, 16X)

Image magnification is HD signal in any part, an amplification for high quality close-up.

#### Anamorphic Mode

You can choose 1.3x, 2.0x, 2.0x mag, User-defined adjustment: 1.20x~2.00x. Built-in selection of no squeeze, 1.3x or 2.0x allows you to use anamorphic lenses or adapters and see the image unsqueezed, even if your camera does not de-squeeze in camera. A 2.0x mag mode, magnifies the center of your image so you can check the focus of your scaled image.

#### Image Flip

The Horizontal, Vertical and Hor&Ver of the image around flip.

#### Nine Grid

Nine Grid Zoom: Zoom one of the images to realize the full screen. You can switch the Mark color between Red, Green, Blue, White, Black according to different tone of the subject.

#### Pixel to Pixel

Enable the filmmaker to check the image from the 1:1 signal source without scaling. This feature is essential for capturing optimum detail.

#### Center Marker & Safe Marker

Safe Mark for View Finding and Composition (80%, 85%, 90%, 93%, 96%, 2.35:1). You can switch the Mark color between Red, Green, Blue, White and Black according to different tone of the subject.

#### Ratio Marker

(4:3, 13:9, 14:9, 15:9, 16:9, 1.85:1, 2.35:1). Frame blanking zone includes 6 Levels, from 0-6 (Transparent to Black). You can switch the Mark color between red, green, blue, white and black according to different tone of the subject.

## Display Spec.

Model	FW279
Screen Size	7" IPS
Resolution	1920x1200 pixels
Pixel Pitch	0.07875 (H) x 0.07875 (W) (mm)
Aspect Ratio	16:10
Brightness	2200cd/m <sup>2</sup>
Contrast Ratio	1200:1
Backlight	LED
Viewing Angle	80°/80°(L/R) 80°/80°(U/D)

## Input

1 X HDMI	HDMI
----------	------

## Output

1 X HDMI	HDMI
----------	------

## Audio

Audio	Stereo Headphone, Speaker
-------	---------------------------

## 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 (30/29.97/25/24/23.98Hz), 4096×2160p (24Hz)

## General

Input Voltage	DC7~24V
---------------	---------

Power Consumption	≤18W
Working Temperature	-20°C~55°C
Storage Temperature	-30°C~65°C
Install Way	1/4"-20 Thread Socket (bottom)
Battery Plate	F970 (Standard); D28S/D54, LP-E6, U60 (Optional)
Unit Size	180Lx120Hx25D (mm)
Unit Weight	340g/370g (With F970 Battery Plate)

Note: When you turn off the monitor, you need to press the power button, and you can't pull out the power cable directly.

#### Advanced Features

* Brightness Histogram
* Embedded Audio
* Peaking Focus Assist (Red, Green, Blue three colors optional highlight over parts of the image in focus)
* False Colors
* Zebra Exposure (1-100IRE adjustable)
* Check Field (Red, Green, Blue, Mono)
* Scan Mode (Under Scan, Over Scan)
* Anamorphic Mode (1.3x, 2.0x, 2.0x mag)
* Image Flip (H, V, H/V)
* Image Freeze
* Center Marker
* Screen Marker (80%,85%,90%,93%,96%, 2.35:1)
* Ratio marker (4:3,13:9,14:9,15:9,16:9,1.85:1,2.35:1)
* Color Temperature Adjustment
* Nine Grid (Nine Grid Zoom: zoom one of the images to realize the full screen)
* Zoom (4X, 9X, 16X)

\* Aspect Ratio

\* Pixel to Pixel

\* Zoom All

\* U/D Zoom

\* L/R Zoom

### Dimensions (Unit: mm)

