

FW703

FEELWORLD FW703 7-inch 3G-SDI 4K HDMI On-camera Monitor IPS Full HD 1920x1200

Screen Size: 7" IPS

Resolution: 1920x1200 pixels

Aspect ratio: 16:10

Brightness: 450cd/m²

Input

3G-SDI, HDMI

Output

3G-SDI, HDMI, Stereo Headphone, Speaker (built-in)

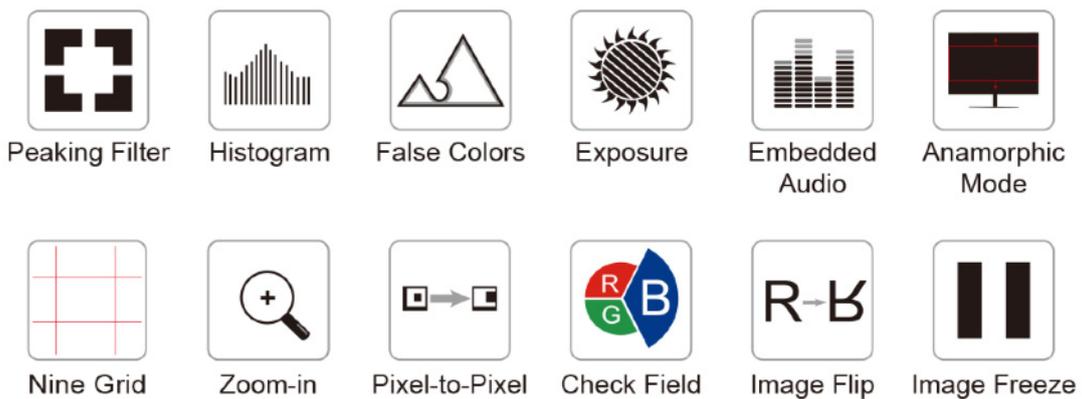






More Advanced Features

More professional functions assist users to accurately monitor when shooting, making and playing movies/ videos.



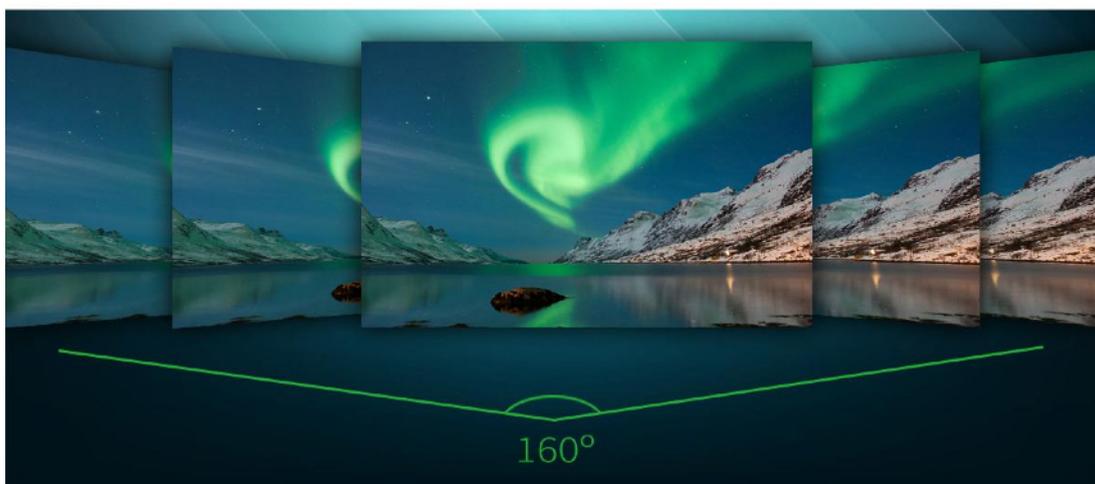
Full HD 1920x1200

FEELWORLD FW703 4K monitor features "gold size" 7-inch full HD large screen, resolution 1920X1200, pixel density up to 323PPI. The outstanding image quality that allows you to achieve your "VISION".

Precise Color to fuel your creative flow
Richer, Brighter, Most Colorful

IPS Wider View Angle 160°

Viewing Angle become very important, as the camera operators may shift his/her position relative to the monitor during the shot. FW703 IPS 160° wide viewing angle allows the operator to have a clear, easy-to-see image as their position shifts.



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.

Ultra-thin Lightweight Design

Specially designed to merge portability, and functionality, 22mm thickness, 320g lightweight, the FW703 gives you freedom to shoot well anywhere. See your picture accurately, consistently and clearly, regardless of your position.

Enjoy Efficiency Operation

Easy operate button design, allowing you immediately to improve the shooting efficiency. F1, F2 custom shortcut function keys, can fast access to the functions you needs, focus assist, false color, exposure, embedded audio etc.

Professional Monitoring

Broadcast quality 3G-SDI, 4K HDMI monitoring, use pro or consumer cameras

The compact design of the FW703 includes 3G-SDI and 4K HDMI input/ output, USB Upgrade, 3.5mm Ear Phone Slot, Built-in Speaker. Its SDI Input supports all SD, HD and SDI formats up to 1080p 60Hz and HDMI input supports formats up to 4K 2160p 30Hz, perfect support for almost all signal.

4K HDMI Input/ Output

3840 × 2160p (30/29.97/25/24/23.98Hz)

4096X2160P (24Hz)



3G-SDI and 4K HDMI Loop-out

The FW703 has 3G-SDI, 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.

Multiple Installations

Standard 1/4"-20 Thread Socket

FEELWORLD FW703 is equipped with standard 1/4 hole (bottom), easy to install DSLR Rig, Camcorder Kit, Handheld Stabilizer, Video Camera Crane, combined with image flip function, convenient for field shooting.

Standard Hot Shoe Mount 360° Rotation

Hot Shoe Mount can be connected with the DSLR, Slide and other shooting components to facilitate the shooting and monitoring of different scenes, can also be connect to tripod.

Collapsible Sunshade

For easier viewing in bright environments. FW703 offers an amazingly clear, bright image indoors or on-location with richer color saturation and contrast.

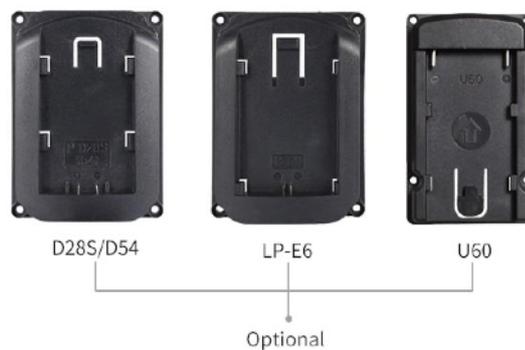
Flexible Battery System

The FW703 has a flexible battery system that supports F970 battery plate (standard), D28S/D54, LP-E6 and U60 battery plate (optional), and also can powered by power adapter (optional).

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



Standard

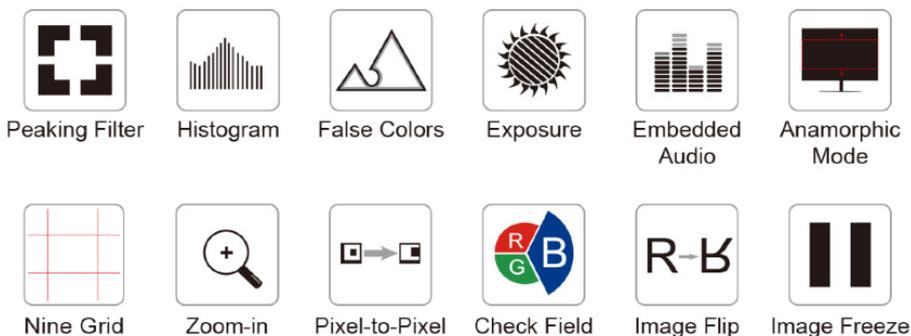


Optional



Optional

1. High Resolution: Full HD 1920x1200
2. High Contrast: 1200:1
3. High Brightness: 450cd/m²
4. 160°wide viewing angles IPS Panel
5. Ultra thin design 22mm 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 (1.3x, 2.0x, 2.0x mag, User)

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

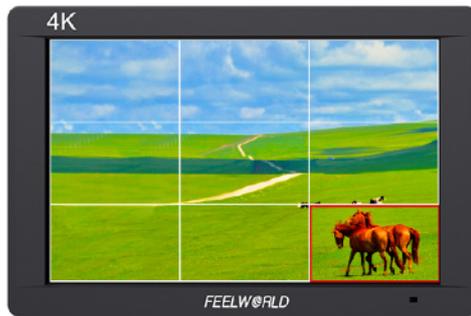
and see the image unsqueezed, even if your camera does not de-squeeze in camera. A 2.0× mag mode, magnifies the center of your image so you can check the focus of your scaled image.

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.



Nine Grid On



Zoom one of the images

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	FW703
Screen Size	7" IPS
Resolution	1920x1200 pixels
Pixel Pitch	0.07875 (H) x 0.07875 (W) (mm)
Aspect Ratio	16:10
Brightness	450cd/m ²
Contrast Ratio	1200:1
Backlight	LED
Viewing Angle	80°/80°(L/R) 80°/80°(U/D)

Input

1 X BNC	3G-SDI
1 X HDMI	HDMI

Output

1 X BNC	3G-SDI
1 X HDMI	HDMI

Audio

Audio	Stereo Headphone, Speaker
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SDI Support Format

480i/576i
720p(60/59.94/50/30/29/25/24/23.98)
1080i(60/59.94/50)
1080p(60/59.94/50/30/29.97/25/24/24sF/23.98/23.98sF)

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	DC6.5~24V
Power Consumption	≤9W
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	180Lx120Hx22D (mm)
Unit Weight	320g/350g (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)

