

FEELWORLD P215-9HSD-CO

FEELWORLD P215-9HSD-CO 21.5-inch Camera Field Monitor Instruction Manual

Model: P215-9HSD-CO

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your FEELWORLD P215-9HSD-CO 21.5-inch Camera Field Monitor. Please read this manual thoroughly before using the product to ensure proper function and longevity.

The FEELWORLD P215-9HSD-CO is a professional 21.5-inch Ultra HD 1920x1080 IPS LCD monitor designed for broadcast and field production. It features a durable aluminum carry-on case and supports various input/output formats including 3G-SDI, HDMI, YPbPr, and AV.

SETUP

1. Unboxing and Package Contents

Carefully unpack the monitor and all accessories. Verify that all items listed below are present and in good condition. If any items are missing or damaged, please contact customer support.

Standard Accessories:



Suitcase



Sunshade



Mini HDMI Cable



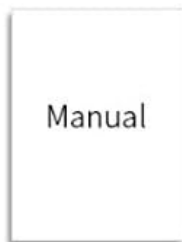
V Battery Plate



3A Power Adapter



Tally Kit



Operation Manual

Figure 1: Standard Accessories

- P215-9HSD-CO Monitor
- Carry-on Aluminum Case
- Sunshade
- Mini HDMI Cable
- V Battery Plate
- 3A Power Adapter
- Tally Kit
- Operation Manual

2. Power Connection

1. Connect the provided 3A Power Adapter to the monitor's power input port.
2. Plug the power adapter into a suitable electrical outlet.
3. Alternatively, attach a compatible V-mount battery to the V Battery Plate for portable operation.

3. Video and Audio Connections

The monitor supports multiple input and output options. Connect your source devices (cameras, video switchers, etc.) to the appropriate input ports.

Multiple Inputs and Outputs

Meet all HD, SD, analogue video signal input and display demand professional functions set.

3G HD-SDI

HDMI

YPbPr

VIDEO

AUDIO



Figure 2: Multiple Inputs and Outputs

- **3G-SDI:** Connect professional SDI sources. The monitor includes 1x 3G-SDI input and 1x 3G-SDI output.
- **HDMI:** Connect HDMI sources. The monitor includes 1x HDMI input and 1x HDMI output.
- **YPbPr:** Connect YPbPr component video sources. The monitor includes 3x YPbPr inputs and 3x YPbPr outputs.
- **AV:** Connect composite video sources. The monitor includes 1x Video input and 1x Video output.
- **Audio:** Connect stereo audio sources. The monitor includes 2x Audio (L/R) inputs.
- **Headphone:** Connect stereo headphones for audio monitoring.

4. Mounting

The monitor is designed for various professional setups, including wall mounting (VESA type: A parete). Ensure secure mounting using appropriate VESA-compatible hardware (not included).

Unique Design for High Efficiency

Simplified design for film crews makes this monitor ready for use quickly.



Figure 3: Monitor Design and Dimensions

OPERATING

1. Power On/Off

Press the 'ON/OFF' button located on the front panel to power the monitor on or off. The power indicator light will illuminate when the monitor is on.

2. Basic Display Features

The P215-9HSD-CO features a 21.5-inch IPS display with a resolution of 1920x1080, providing clear and accurate visuals for critical monitoring tasks.

Super Crisp and Clear Screen

See detail what you are shooting and focus correctly.



Figure 4: Super Crisp and Clear Screen

- **Resolution:** 1920x1080 Full HD
- **Screen Size:** 21.5 inches
- **Panel Type:** IPS (In-Plane Switching) for wide viewing angles (178°)
- **Contrast Ratio:** 3000:1
- **Brightness:** 250 cd/m²
- **Aspect Ratio:** 16:9

3. Advanced Monitoring Functions

The monitor includes a suite of professional features to assist with accurate exposure and focus during production.

Advanced Features

Assist you to accurately expose and focus when shooting



Figure 5: Advanced Features

- **DSLR Scale:** Adjusts the image to fit the monitor's display from DSLR cameras.
- **Peaking Filter:** Highlights sharp edges in the image to assist with focus.
- **Zoom-in:** Magnifies a portion of the image for detailed inspection.
- **Pixel-to-Pixel:** Displays the image at its native resolution without scaling.
- **Check Field:** Displays only red, green, blue, or mono pixels to check color calibration.
- **Image Flip:** Flips the image horizontally or vertically.
- **Center Marker:** Displays a crosshair in the center of the screen.
- **Screen Marker:** Displays various aspect ratio markers for framing.
- **Image Freeze:** Pauses the current video frame.

4. Application in Field Production

The robust design and comprehensive features make this monitor suitable for various professional environments, including TV news production, broadcasting houses, TV broadcasting trucks, and general field production.

Specifically Design for Director Field Production



Figure 6: Designed for Director Field Production

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your monitor.

- **Cleaning:** Use a soft, dry cloth to clean the monitor's exterior. For the screen, use a specialized screen cleaning solution and a microfiber cloth. Avoid harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the monitor in its aluminum carry-on case to protect it from dust, moisture, and physical damage. Store in a cool, dry place.
- **Ventilation:** Ensure proper ventilation around the monitor during operation. The full aluminum casing aids in heat dissipation, but obstructions can lead to overheating.
- **Cable Management:** Keep cables organized and free from kinks or excessive bending to prevent damage to connectors and wires.

TROUBLESHOOTING

If you encounter issues with your FEELWORLD P215-9HSD-CO monitor, refer to the following common problems and solutions:

- **No Power:**

- Ensure the power adapter is securely connected to both the monitor and a working power outlet.
- If using a V-mount battery, check that it is properly attached and charged.
- Press the 'ON/OFF' button firmly.

- **No Video Signal:**

- Verify that the video source (camera, switcher) is powered on and outputting a signal.
- Check all video cables (SDI, HDMI, YPbPr, AV) for secure connections and ensure they are not damaged.
- Confirm that the correct input source is selected on the monitor.
- Ensure the input signal format is supported by the monitor (e.g., 1080p, 720p).

- **No Audio:**

- Check audio cable connections.
- Ensure the audio output from your source device is active.
- Adjust the monitor's volume settings.
- If using headphones, ensure they are properly plugged in and functional.

- **Image Quality Issues (e.g., distorted, incorrect colors):**

- Check the resolution and refresh rate settings of your source device to ensure compatibility with the monitor.
- Reset the monitor's display settings to factory defaults.
- Ensure cables are not excessively long or of poor quality, which can degrade signal integrity.

If the problem persists after attempting these troubleshooting steps, please contact FEELWORLD customer support for further assistance.

SPECIFICATIONS

Below are the technical specifications for the FEELWORLD P215-9HSD-CO Camera Field Monitor:

Feature	Specification
Brand	FEELWORLD
Model Number	P215-9HSD-CO
Screen Size	21.5 Inches
Resolution	1920 x 1080 (FHD 1080p)
Aspect Ratio	16:9
Panel Type	IPS
Brightness	250 cd/m ²
Contrast Ratio	3000:1
Viewing Angle	89 Degrees (L/R), 89 Degrees (U/D)
Response Time	40 Milliseconds

Feature	Specification
Refresh Rate	60 Hz
Video Inputs	1x 3G-SDI, 1x HDMI, 3x YPbPr, 1x Video
Video Outputs	1x 3G-SDI, 1x HDMI, 3x YPbPr, 1x Video
Audio Inputs	2x Audio (L/R)
Audio Outputs	Stereo Headphone, Speaker
Special Features	Built-in Speakers, Aluminum Casing
VESA Mount Type	Wall Mount
Product Use	Video Production, TV News, Broadcasting
Country of Origin	China
UPC	767775412543

WARRANTY AND SUPPORT

Warranty Information

The FEELWORLD P215-9HSD-CO Camera Field Monitor comes with a **One Year Warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified performance standards. Please retain your proof of purchase for warranty claims.

Customer Support

FEELWORLD is committed to providing comprehensive support for its products. If you have any questions, require technical assistance, or encounter any issues not covered in this manual, please do not hesitate to contact our customer support team.

For support, please refer to the contact information provided with your purchase or visit the official FEELWORLD website. Our team is ready to assist you with any problems you may have.