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FEELWORLD WV207-OF-US

FEELWORLD WV207 USB Live Streaming Webcam User Manual

Model: WV207-OF-US | Brand: FEELWORLD

1. Introduction

The FEELWORLD WV207 is a versatile USB live streaming webcam designed for high-quality video communication and content creation. It offers Full HD 1080P resolution at 30 frames per second, ensuring clear and smooth video. With its plug-and-play functionality and wide compatibility, it's an ideal solution for various applications including live streaming, video conferencing, and online education.

Key Features:

- **85° Wide Viewing Angle:** Captures a broad field of view without distortion, ideal for group calls or showcasing more of your environment.
- **Full HD 1080P 30fps:** Delivers crisp and clear video with 2.07 million effective pixels.
- **Plug and Play:** Simple USB 2.0 connection requires no additional drivers.
- **Built-in Audio Pickup:** Integrated microphone for clear and natural stereo audio.
- **Horizontal & Vertical Display:** Supports both horizontal and vertical screen orientations, suitable for various live broadcast needs.
- **Multiple Video Adjustments:** Customizable brightness, definition, saturation, contrast, white balance, and other parameters.
- **Wide Software Compatibility:** Works seamlessly with popular streaming platforms and video conferencing software like OBS, Instagram, TikTok, Facebook, Zoom, and YouTube.



Figure 1: FEELWORLD WV207 USB Live Streaming Webcam

2. Setup

2.1 Connecting the Webcam

The FEELWORLD WV207 webcam features a simple plug-and-play design. To connect the webcam to your computer or laptop:

1. Locate an available USB 2.0 port on your computer or laptop.
2. Plug the USB cable from the WV207 webcam into the USB port.
3. The webcam will be automatically recognized by your operating system (Windows, macOS, Linux) without the need for manual driver installation.



Figure 2: USB 2.0 Plug and Play Connection

2.2 Mounting Options

The WV207 webcam offers flexible mounting options to suit various setups:

- **On Laptop/LCD Screen:** The integrated clip allows for secure mounting on top of your laptop screen or desktop monitor.
- **On Desk:** The base can be folded to sit stably on any flat surface, such as a desk or table.
- **On Tripod:** The webcam includes a standard tripod thread for mounting on a mini tripod or other compatible stands (tripod not included).



Figure 3: Multiple Mounting Options

3. Operating Instructions

3.1 High Definition Video Output

The WV207 webcam delivers Full HD 1080P video at 30 frames per second, providing a clear, smooth, and detailed image for your live streams and video calls.



Figure 4: Full HD 1080P Video Quality

3.2 Adjusting Video Parameters

You can fine-tune the video output of your webcam through your computer's camera settings or within your streaming/video conferencing software. Adjustable parameters typically include:

- Brightness
- Contrast
- Hue
- Saturation
- Sharpness
- Gamma
- White Balance
- Backlight Compensation
- Gain

These adjustments allow you to optimize the image quality for different lighting conditions and personal preferences.

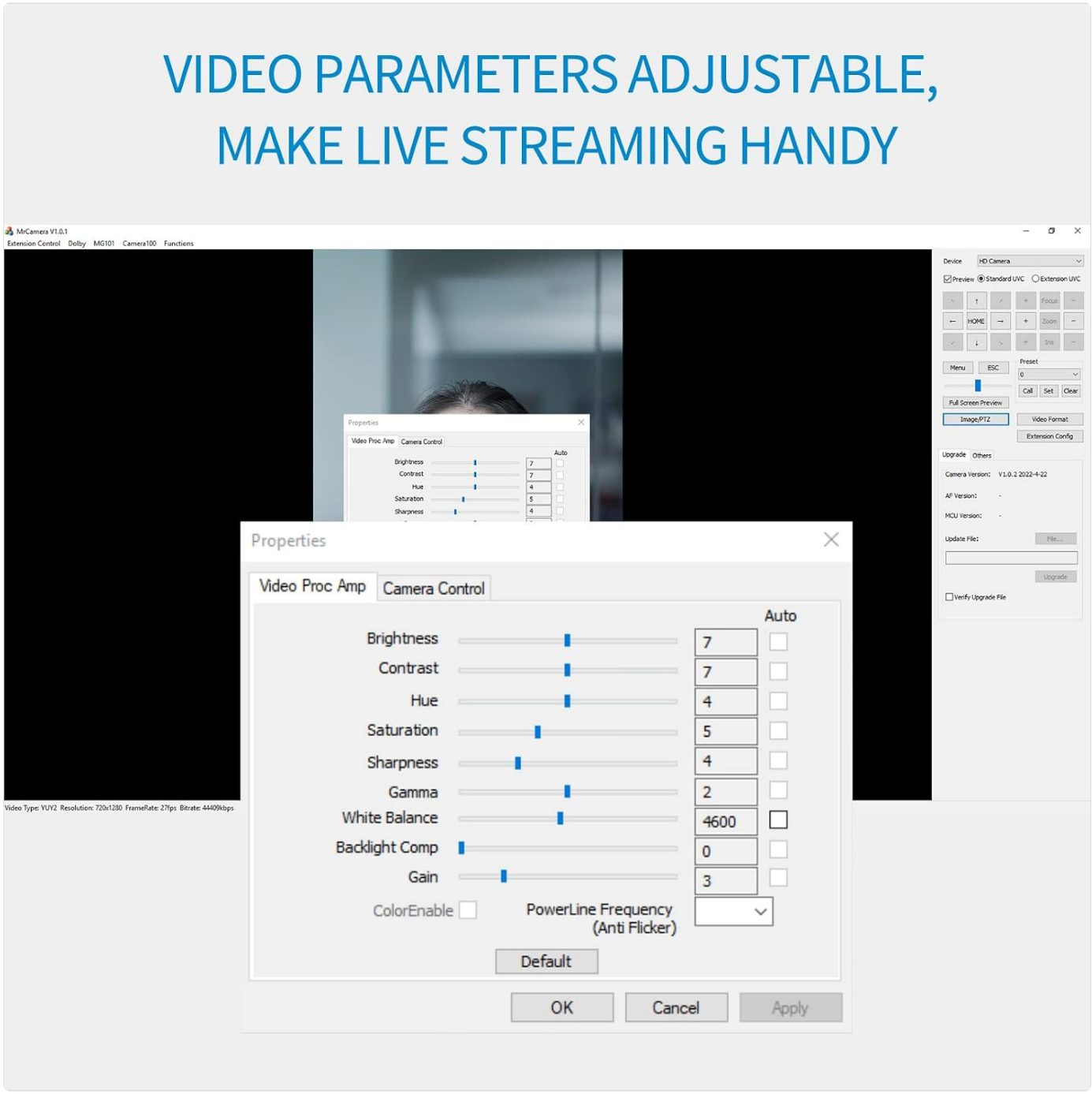


Figure 5: Video Parameter Adjustment Interface

3.3 85° Wide Viewing Angle

The webcam features an 85-degree wide viewing angle, allowing you to capture more of your surroundings or include multiple people in the frame without distortion. This is particularly useful for presentations, group calls, or showcasing a wider area during live streams.

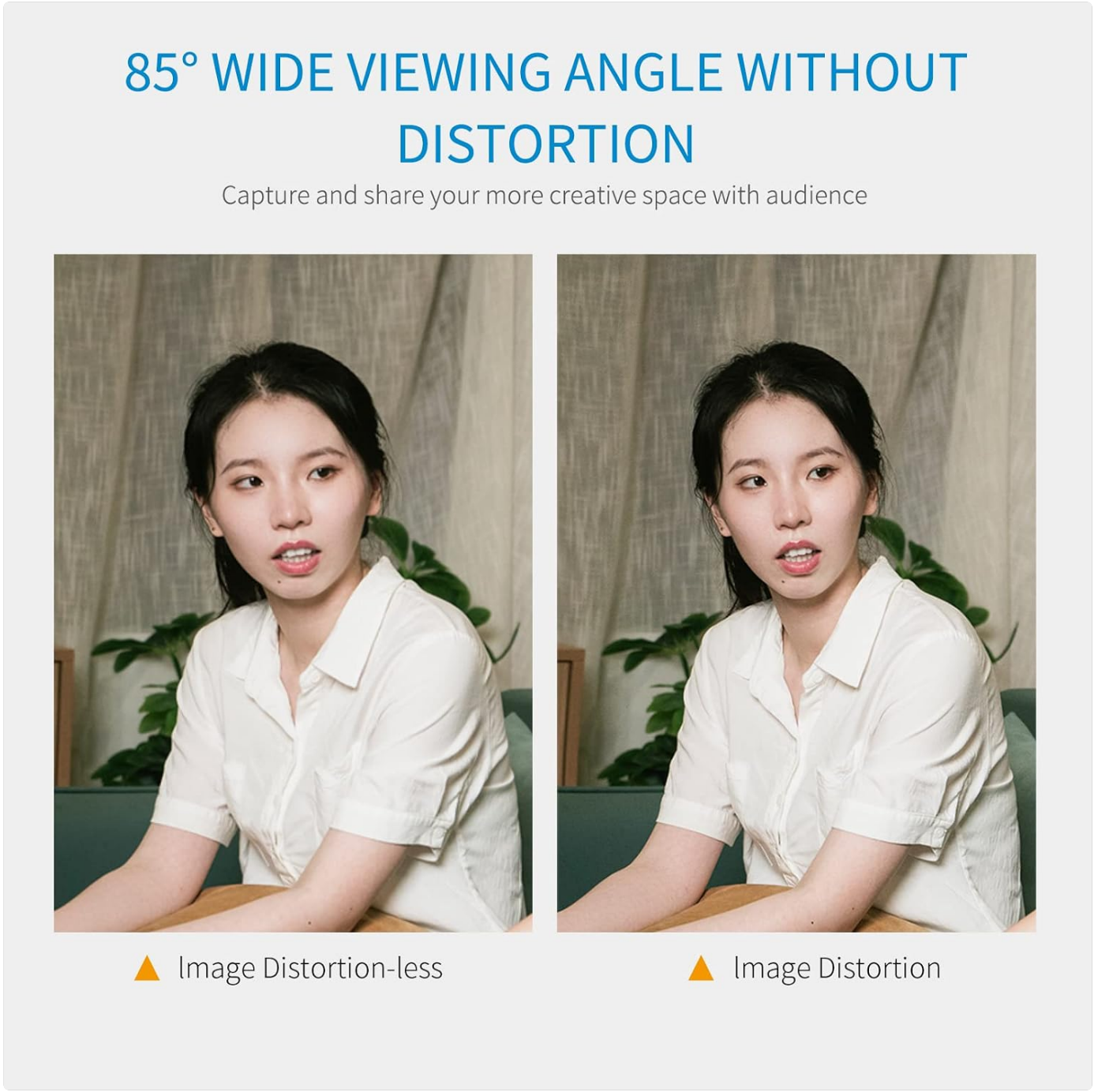


Figure 6: 85° Wide Viewing Angle without Distortion

3.4 Built-in Audio Pickup

The WV207 webcam includes a built-in microphone designed to capture clear and natural stereo audio. This eliminates the need for an external microphone in many scenarios, simplifying your setup.



Figure 7: Built-in Audio Pickup

3.5 Software Compatibility

The FEELWORLD WV207 webcam is broadly compatible with a variety of live streaming, video conferencing, and content creation software, including but not limited to:

- OBS Studio
- Zoom
- Instagram
- TikTok
- Facebook Live
- YouTube Live
- Twitter (Periscope)

Simply select the WV207 as your video and audio input device within your preferred application.



Figure 8: Compatible Live Streaming Software

3.6 Scope of Application

The WV207 webcam is suitable for a wide range of uses:

- **Live Streaming:** Ideal for content creators on platforms like Instagram, TikTok, YouTube, and Facebook.
- **Video Conferencing:** Perfect for professional meetings and remote collaboration via Zoom or other platforms.
- **Online Education:** Enhances virtual classroom experiences for both teachers and students.
- **Gaming:** Provides high-quality video for game streaming and commentary.

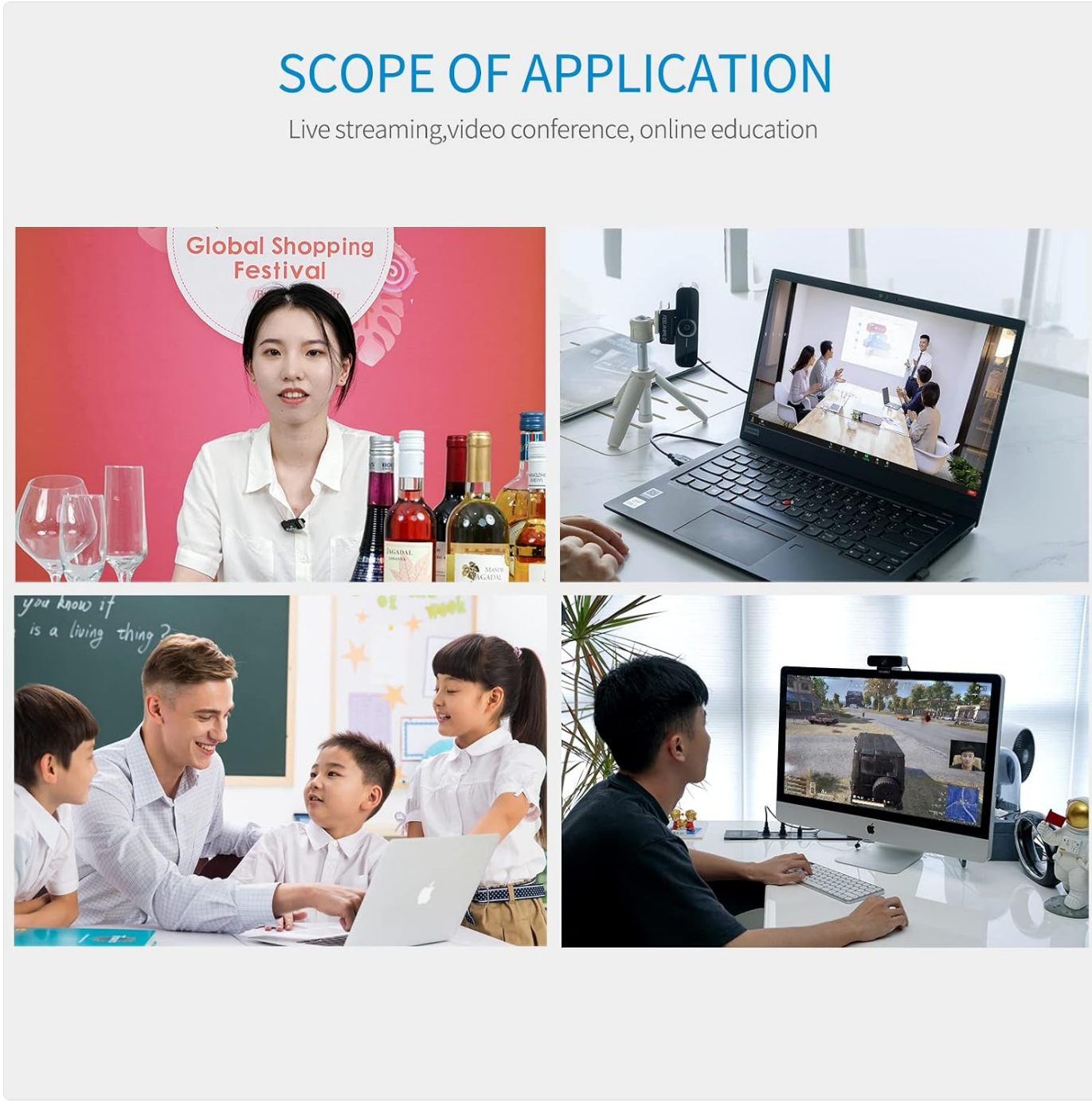


Figure 9: Diverse Applications of the WV207 Webcam

4. Maintenance

To ensure the longevity and optimal performance of your FEELWORLD WV207 webcam, follow these general maintenance guidelines:

- **Cleaning:** Gently wipe the lens with a soft, lint-free cloth. For the body of the webcam, use a dry or slightly damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** When not in use, store the webcam in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the webcam or subjecting it to strong impacts, which could damage internal components.
- **Connectivity:** Always grasp the USB plug, not the cable, when disconnecting the webcam to prevent damage to the cable or port.

No specific user-serviceable parts or routine maintenance beyond cleaning are required for this device.

5. Troubleshooting

If you encounter issues with your FEELWORLD WV207 webcam, try the following troubleshooting steps:

- **No Image/Video:**
  - Ensure the USB cable is securely connected to both the webcam and your computer.
  - Try plugging the webcam into a different USB port on your computer.
  - Restart your computer.
  - Check your software settings (e.g., Zoom, OBS) to ensure the WV207 is selected as the active camera device.
  - Verify that your operating system's privacy settings allow applications to access the camera.
- **No Audio/Poor Audio Quality:**
  - Ensure the WV207 is selected as the microphone input device in your software settings.
  - Check your computer's sound settings to ensure the microphone is not muted and volume is adequate.
  - Ensure there are no obstructions blocking the microphone on the webcam.
- **Video Lag/Choppy Video:**
  - Ensure your computer meets the minimum system requirements for running video applications.
  - Close other applications that might be consuming significant system resources.
  - Try connecting the webcam to a USB 3.0 port if available, although it is a USB 2.0 device, some systems handle bandwidth better on 3.0 ports.
  - Check your internet connection speed if streaming or video conferencing online.
- **Webcam Not Recognized:**
  - Try connecting the webcam to another computer to rule out a computer-specific issue.
  - Check Device Manager (Windows) or System Information (macOS) to see if the webcam is listed. If there's a yellow exclamation mark, try updating or reinstalling drivers (though typically not needed for plug-and-play devices).

If these steps do not resolve the issue, please refer to the official FEELWORLD support resources or contact customer service.

6. Specifications

Feature	Specification
Model Name	WV207-OF-US
Brand	FEELWORLD
Connectivity Technology	USB 2.0
Video Capture Resolution	1080p (Full HD)

Feature	Specification
Frame Rate	30fps
Photo Sensor Technology	CMOS
Wide Viewing Angle	85°
Built-in Microphone	Yes (Audio Pickup)
Item Weight	8.1 ounces
Package Dimensions	6.73 x 4.41 x 2.76 inches
Special Feature	Portable

7. Warranty and Support

For detailed warranty information and customer support, please refer to the official FEELWORLD website or the documentation included with your product. A digital Instructions for Use (IFU) in PDF format is available for download, which may contain additional support details.
You can access the official PDF user guide here.

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