

MICROWARE Ezcap350 Capture Card

Microwave Ezcap350 HD Pro Video Capture Card User Manual

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Microwave Ezcap350 HD Pro Video Capture Card. The Ezcap350 HD Pro is a versatile device designed for high-quality video recording and live streaming, supporting 4K HDMI loop-through and 1080p Full HD recording. It offers both PC-free recording to USB storage and UVC capture functionality for computer-based streaming.

2. KEY FEATURES

- **1080p Recording with 4K Gaming:** Record 1080p Full HD video while enjoying 4K Ultra HD gaming with HDMI loop-through.
- **PC-Free Recording:** Save recorded video directly to a USB flash drive or USB HDD without requiring a computer.
- **PC-Free Live Streaming (RTMP):** Stream directly to platforms like YouTube, Facebook, or Twitch with a single button, eliminating complex software or hardware setup on a computer.
- **UVC Video Capture Card Functionality:** Connect to a computer via USB 3.0 Type-C to capture and stream using software such as OBS or VMix.
- **Smartphone Video Capture and Streaming:** Capture and stream mobile game video from compatible smartphones (iPhone and iPad) to your computer.
- **Local Network Streaming (RTSP):** Stream video within a local network by connecting the device to your network.
- **Microphone Input and Earphone Output:** Integrated audio ports for commentary and monitoring.

3. SETUP INSTRUCTIONS

3.1 Package Contents

Before proceeding, ensure all items are present:

- Microwave Ezcap350 HD Pro Video Capture Card

- AV Adapter
- TF Card Reader (if included)
- USB Cable
- HDMI Cable



Image: The Ezcap350 HD Pro device shown with its retail packaging and included accessories, such as cables and adapters.

3.2 Device Overview and Connections



Image: A diagram illustrating the various ports on the Ezcap350 HD Pro, including HDMI In, HDMI Out, USB, Ethernet, Microphone In, and Line Out. It also shows connection scenarios for PC-free recording, PC-based capture, and smartphone input.

Familiarize yourself with the ports on the Ezcap350 HD Pro:

- **HDMI IN:** Connect your video source (game console, camera, etc.).
- **HDMI OUT:** Connect to a display (TV, monitor) for HDMI loop-through.
- **USB Port:** For connecting USB storage (for PC-free recording) or connecting to a computer (for UVC capture).
- **Ethernet Port:** For network streaming (RTMP/RTSP).
- **MIC IN:** Connect an external microphone for audio commentary.
- **LINE OUT:** Connect headphones or speakers for audio monitoring.

3.3 Connecting for PC-Free Recording/Streaming

1. Connect your video source (e.g., game console, camcorder, DSLR) to the **HDMI IN** port on the Ezcap350 HD Pro using an HDMI cable.
2. Connect your display (TV or monitor) to the **HDMI OUT** port on the Ezcap350 HD Pro using an HDMI cable for 4K pass-through.
3. Insert a USB flash drive or USB HDD into the **USB Port** for recording.
4. For PC-free live streaming, connect an Ethernet cable from the **Ethernet Port** to your network router.
5. Connect the power adapter (not explicitly listed but implied for operation) to the device and a power outlet.



Image: The Ezcap350 HD Pro connected to a gaming console and a large display, illustrating a PC-free setup for recording and streaming.

3.4 Connecting for Computer-Based Capture/Streaming (UVC)

1. Connect your video source to the **HDMI IN** port.
2. Connect the Ezcap350 HD Pro to your computer's USB 3.0 Type-C port using the provided USB cable.
3. Optionally, connect your display to the **HDMI OUT** port for monitoring.
4. Install necessary streaming/capture software (e.g., OBS Studio, VMix, ezcab Link) on your computer.

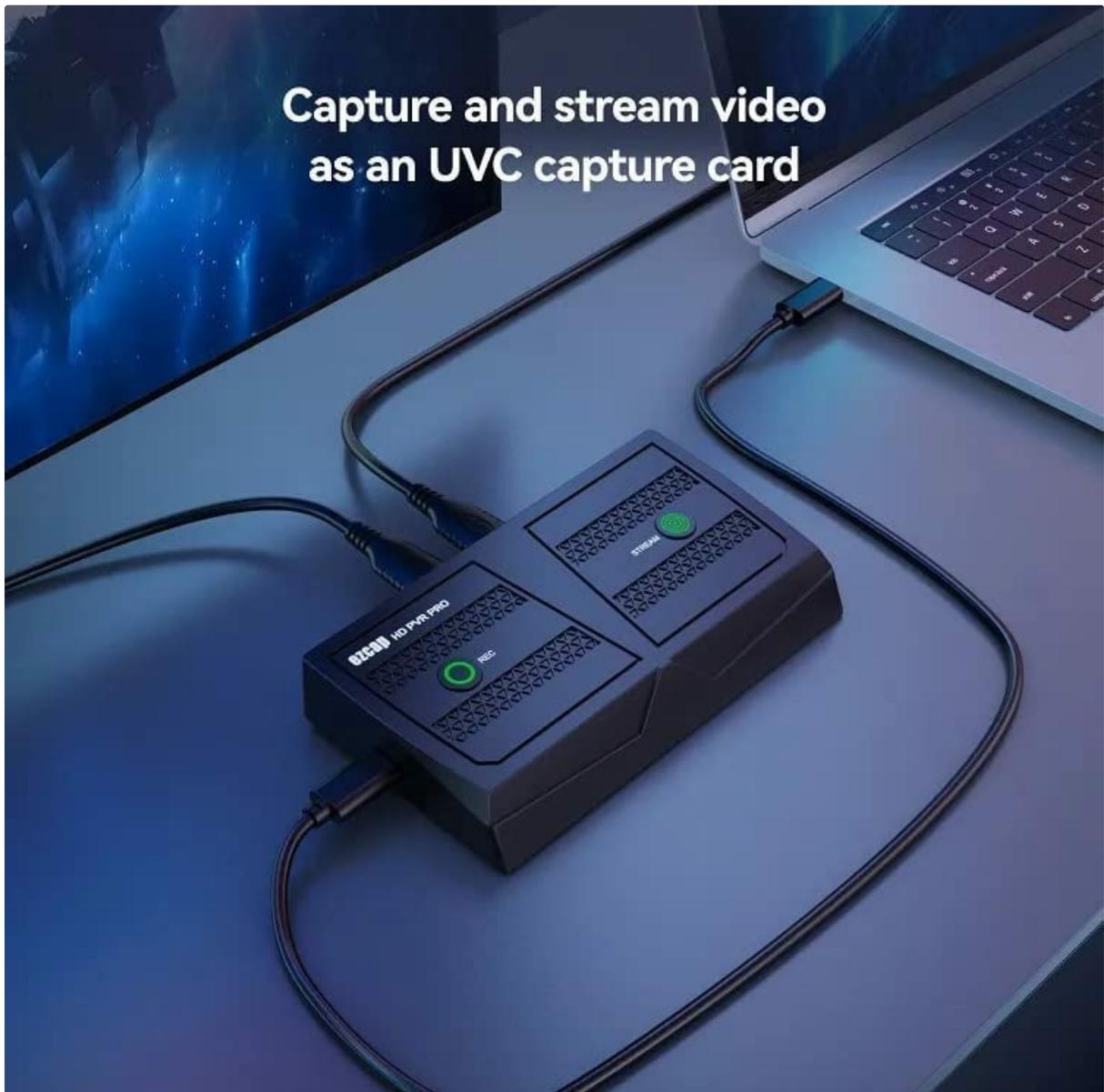


Image: The Ezcap350 HD Pro connected to a laptop via USB, demonstrating its use as a UVC capture card for computer-based video capture and streaming.

3.5 Connecting for Smartphone Video Capture/Streaming

1. Connect your smartphone (iPhone or iPad only) to the Ezcap350 HD Pro using an appropriate adapter and HDMI cable (not included).
2. Connect the Ezcap350 HD Pro to your computer's USB 3.0 Type-C port.
3. Use compatible software on your computer to capture and stream the smartphone's video output.



Image: The Ezcap350 HD Pro connected to both a smartphone and a laptop, illustrating the setup for capturing and streaming mobile video content via computer software.

4. OPERATING INSTRUCTIONS

4.1 PC-Free Recording

1. Ensure all connections are secure as described in Section 3.3.
2. Power on the Ezcap350 HD Pro.
3. Press the **REC** button on the device to start recording. The indicator light will change to confirm recording is active.
4. Press the **REC** button again to stop recording. The recorded video will be saved to the connected USB storage device.



Image: A television screen showing a high-definition video, with the Ezcap350 HD Pro device positioned below, indicating its capability for 1080p60 HD video recording.

4.2 PC-Free Live Streaming (RTMP)

1. Ensure network and video source connections are secure as described in Section 3.3.
2. Power on the Ezcap350 HD Pro.
3. Configure your streaming platform (e.g., YouTube, Twitch) to accept an RTMP stream from the device. Refer to your platform's documentation for specific RTMP URL and stream key setup.
4. Press the **STREAM** button on the device to begin live streaming. The indicator light will change to confirm streaming is active.
5. Press the **STREAM** button again to stop streaming.

4.3 Computer-Based Capture and Streaming (UVC)

1. Ensure connections to your computer and video source are secure as described in Section 3.4.
2. Power on the Ezcap350 HD Pro.
3. Open your preferred capture/streaming software (e.g., OBS Studio).
4. Add the Ezcap350 HD Pro as a video source within the software. It should be recognized as a standard

UVC device.

5. Configure video and audio settings within the software as needed.
6. Start recording or streaming from within your software.

4.4 Local Network Streaming (RTSP)

1. Connect the Ezcap350 HD Pro to your local network via the Ethernet port.
2. Connect your video source to the **HDMI IN** port.
3. Access the device's web interface or use a compatible media player (e.g., VLC) on a computer within the same local network to view the RTSP stream. Refer to the device's network settings for the specific RTSP URL.



Image: A diagram illustrating how the Ezcap350 HD Pro can stream video within a local network (RTSP) to a computer via a router, suitable for internal meetings or teaching.

4.5 Using Microphone Input and Earphone Output

1. Connect your microphone to the **MIC IN** port for adding commentary to your recordings or streams.
2. Connect headphones or speakers to the **LINE OUT** port to monitor audio during recording or streaming.

With microphone input and earphone output

RTMP/RTSP function



Image: The Ezcap350 HD Pro connected to a laptop, with a microphone and headphones in use, highlighting its microphone input and earphone output features for live streaming or recording with commentary.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Microware Ezcap350 HD Pro Video Capture Card, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid liquid cleaners or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care to prevent physical damage. Avoid dropping or subjecting it to strong impacts.
- **Ventilation:** Ensure the device has adequate ventilation during operation to prevent overheating. Do not block ventilation openings.

6. TROUBLESHOOTING

If you encounter issues with your Ezcap350 HD Pro, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No video output on display (HDMI OUT)	Loose HDMI cable connection; Incorrect input selected on TV; HDCP issues.	Check all HDMI cable connections. Ensure the TV is on the correct HDMI input. Some sources with strong HDCP encryption may not pass through.
No recording to USB storage	USB drive not formatted correctly; USB drive full; USB drive not detected.	Ensure USB drive is formatted to FAT32 or NTFS. Check available space. Reinsert USB drive. Try a different USB drive.
No video/audio in streaming software (UVC mode)	Incorrect software settings; USB cable issue; Driver issue.	Verify the Ezcap350 HD Pro is selected as the video/audio source in your software. Ensure USB 3.0 port is used. Try a different USB port or cable. Restart computer and device.
PC-free streaming not working	No network connection; Incorrect RTMP settings; Firewall blocking.	Check Ethernet cable connection. Verify RTMP URL and stream key are correctly configured on the streaming platform. Ensure no firewall is blocking the connection.
Microphone input not working	Microphone not connected properly; Microphone faulty; Volume too low.	Ensure microphone is securely plugged into the MIC IN port. Test with another microphone. Adjust audio levels.

7. SPECIFICATIONS

Feature	Detail
Brand	MICROWARE
Model Name	Ezcap350 Capture Card
Product Dimensions	16 x 6 x 6 cm
Item Weight	100 g
Hardware Interface	Ethernet, HDMI, USB 2.0 (Note: USB 3.0 Type-C for UVC capture)
Video Capture Resolution	1080p
Compatible Devices	Personal Computers (Desktops and Laptops), Smartphones (iPhone and iPad)
Operating System	Windows 10/11 64bit, Mac OS X 10.14 and above
Special Features	Lightweight, Portable, 4K HDMI Loop-through, PC-Free Recording, RTMP/RTSP Streaming, UVC Capture, Microphone Input, Earphone Output

Feature	Detail
Country of Origin	China

8. WARRANTY INFORMATION

For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Microware website. Typically, products come with a limited manufacturer's warranty covering defects in materials and workmanship under normal use.

9. CUSTOMER SUPPORT

If you require further assistance or have questions not covered in this manual, please contact Microware customer support:

- **Manufacturer:** Microware Multimedia Private Limited
- **Customer Help Line:** +91 9867245665
- **Address:** Shop No. 2, Ground Floor, Sayeed Ebrahim Mansion, Dr Bhadkamkar Road, Near Minerva Cinema, Grant road(E), Mumbai - 400007

You may also visit the [MICROWARE Store on Amazon](#) for additional product information and resources.