

MYPIN VG0091-VG0103

MYPIN USB3.0 HDR 4K Capture Card Instruction Manual

Model: VG0091-VG0103

1. PRODUCT OVERVIEW

The MYPIN USB3.0 HDR 4K Capture Card is designed for high-quality video capture and live streaming. It supports 4K@60fps 4:4:4 passthrough for HDMI input and output, allowing for a vibrant HDR display. This device is plug-and-play, adhering to UVC and UAC standards, and requires no additional drivers or external power. It facilitates recording HDMI video up to 1080P@60fps, making it suitable for various applications including game recording, meeting recording, and general video capture on a computer.

Key features include live streaming capabilities to platforms like Twitch, Facebook, and YouTube, as well as support for webcasting and video conferencing. The capture card also features dedicated inputs for a microphone and gamepad, enabling simultaneous recording of commentary and party chats. Its broad compatibility extends to popular gaming consoles such as PlayStation 4, Xbox One, Xbox 360, Wii U, and various cameras like webcams, DSLR camcorders, and action cameras.



Image 1.1: Front view of the MYPIN USB3.0 HDR 4K Capture Card, showing its compact design and USB 3.0 interface.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- MYPIN USB3.0 HDR 4K Capture Card
- USB 3.0 Cable (1.8ft)
- HDMI 2.0 Cable (1.5ft)
- 3.5mm Audio Cable (2.6ft)
- Instruction Manual
- Software CD (containing "ezcap HD Capture" software)



Image 2.1: Contents of the MYPIN USB3.0 HDR 4K Capture Card package, including the capture card, cables, and manual.

3. SETUP GUIDE

Follow these steps to set up your MYPIN USB3.0 HDR 4K Capture Card:

1. **Connect the HDMI Input:** Connect your video source (e.g., gaming console, camcorder) to the **HDMI IN** port on the capture card using an HDMI cable.
2. **Connect the HDMI Output (Optional):** If you wish to view your content on a separate display while capturing, connect an HDMI cable from the **HDMI OUT** port on the capture card to your TV or monitor. This provides 4K@60fps passthrough.
3. **Connect to Computer:** Connect the capture card to your computer using the provided USB 3.0 cable. Ensure you use a USB 3.0 port on your computer for optimal performance. The device is plug-and-play and should be recognized automatically.
4. **Connect Microphone (Optional):** For recording commentary or party chat, connect a 3.5mm TRRS standard microphone to the dedicated microphone input port on the capture card.
5. **Connect Gamepad (Optional):** If your setup requires gamepad audio or input, connect it to the appropriate port if available, or ensure it's connected to your console.

6. **Install Software:** Insert the provided Software CD into your computer's drive and install the "ezcap HD Capture" software. Alternatively, you can use compatible third-party software like OBS Studio or VLC.

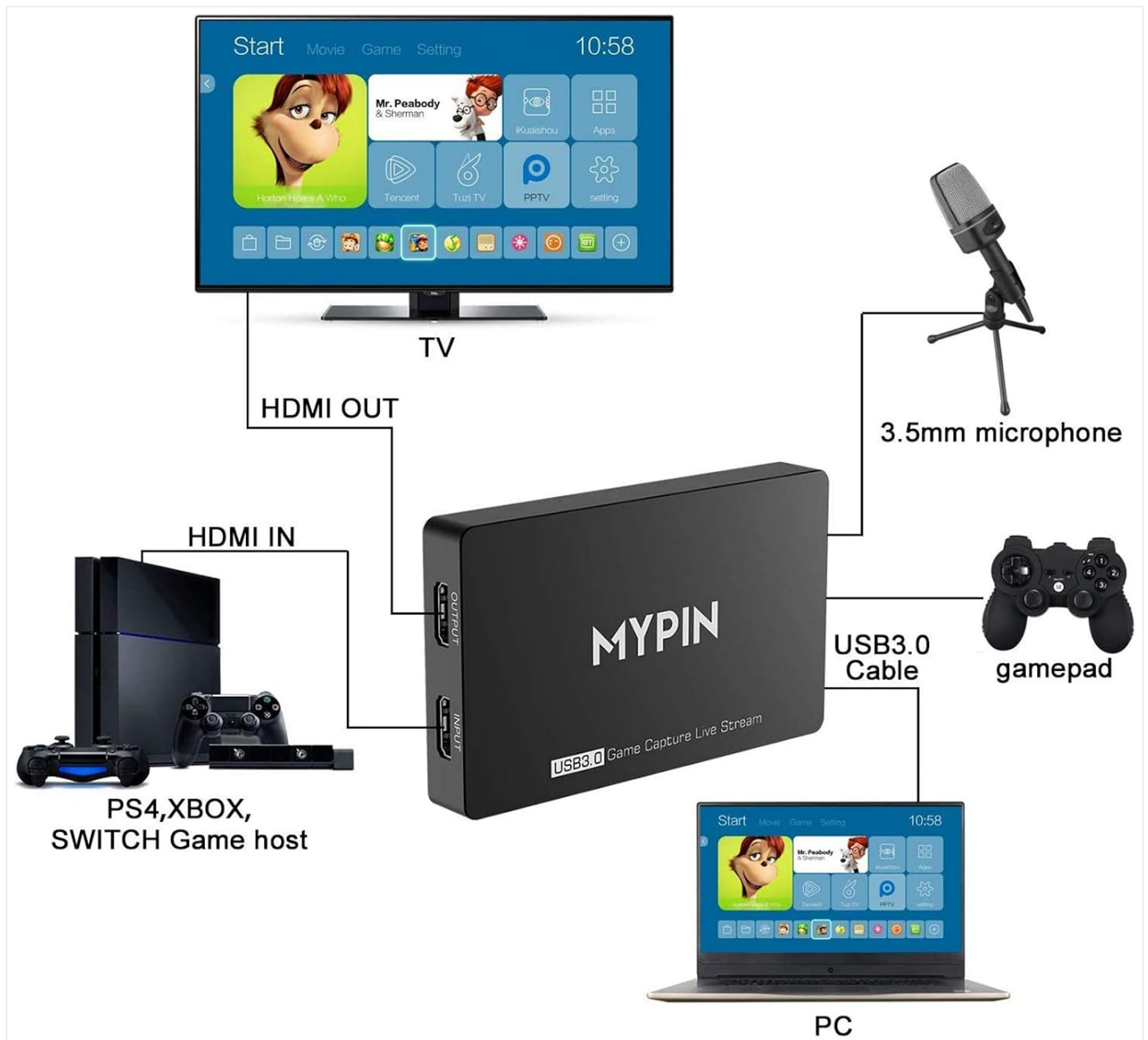


Image 3.1: Diagram illustrating the connection of the capture card to a gaming console, TV, PC, microphone, and gamepad.

Bundled ezcap hd capture software provides you with more value-added features



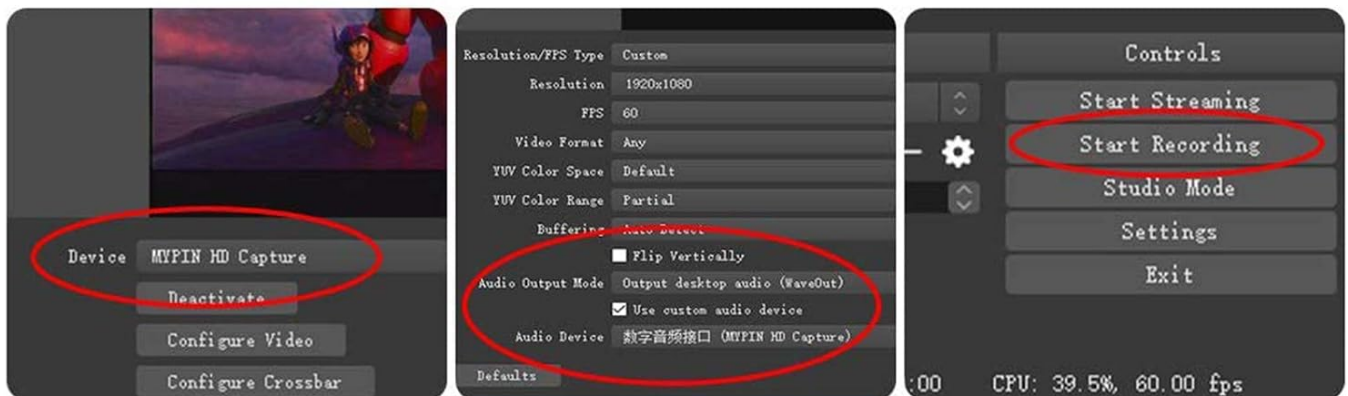
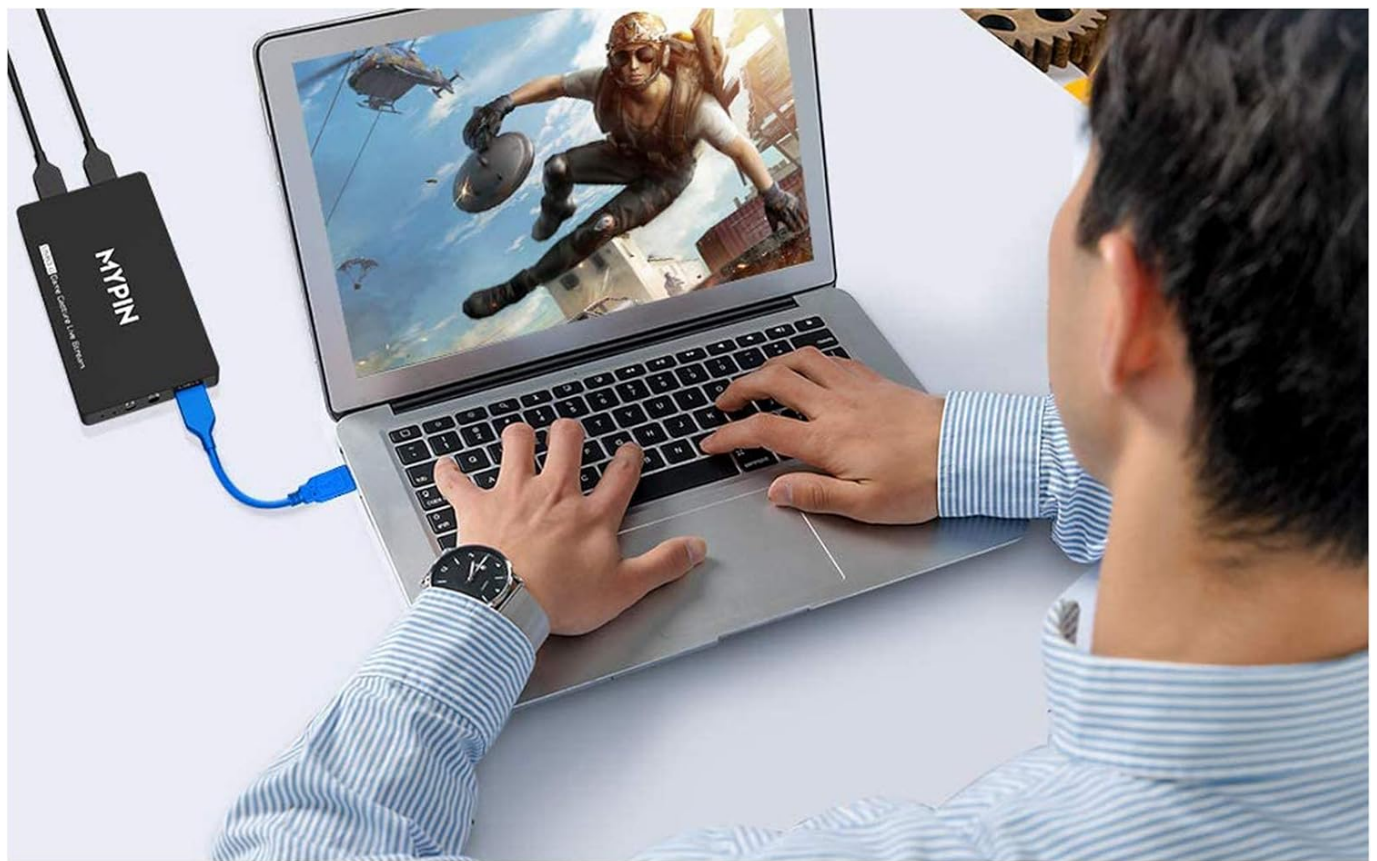
Image 3.2: Close-up view of the capture card's input and output ports, including HDMI IN, HDMI OUT, USB 3.0, and audio jacks.

4. OPERATING INSTRUCTIONS

4.1. Video Capture (1080P@60fps)

To record video using the MYPIN Capture Card:

1. Ensure all connections are secure as described in the Setup Guide.
2. Launch your preferred capture software (e.g., "ezcap HD Capture", OBS Studio, VLC).
3. In the software settings, select the MYPIN Capture Card as your video input device.
4. Configure video resolution (up to 1080P@60fps) and audio settings. Ensure the correct audio input is selected if using a microphone.
5. Initiate recording within the software.



**step1:Click "+",Creat /
Select video source**

**step2:Choose the correct
audio format**

step3:Recording

Image 4.1: Screenshot of a capture software interface, showing steps to select the capture device, configure audio, and start recording.

4.2. Live Streaming

The capture card supports live streaming to various platforms:

1. Complete the physical setup as outlined in the Setup Guide.
2. Open your streaming software (e.g., OBS Studio).
3. Add the MYPIN Capture Card as a video source in your streaming software.
4. Configure your streaming settings, including resolution, bitrate, and streaming platform details (e.g., Twitch, YouTube stream key).
5. Begin your live stream. The 4K passthrough allows you to monitor your stream on a separate display without latency.

Live stream, record video/voice over and share on social media



Image 4.2: Illustration of a live streaming setup, showing the capture card connecting a console to a PC for streaming and a TV for passthrough viewing.

4.3. Microphone and Party Chat Recording

To record your voice commentary or party chat alongside gameplay:

- Connect a 3.5mm TRRS standard microphone to the microphone input port on the capture card.
- In your capture/streaming software, ensure the audio input is set to the capture card's microphone input.
- Adjust microphone levels within the software to prevent distortion.
- The capture card allows for simultaneous recording of game audio and microphone audio.

Easily capture Party Chat and headset Commentary



Image 4.3: Close-up of the capture card's audio input ports, highlighting the microphone and headset connections.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the capture card. Avoid liquid cleaners or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Cable Management:** Ensure cables are not bent sharply or tangled to prevent damage to the connectors and wires.
- **Software Updates:** Regularly check for updates to your capture/streaming software and operating system to ensure compatibility and optimal performance.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
No video signal	- Loose HDMI connection - Incorrect input source selected in software - HDCP protection on source device	- Check all HDMI cables are securely connected. - Verify the correct video input is selected in your capture software. - Ensure the source device (e.g., PS4) has HDCP disabled in its settings if capturing directly.
No audio	- Incorrect audio input/output selected - Volume levels too low - Faulty audio cable	- Check audio settings in your capture software and operating system. - Increase volume levels on both the source and computer. - Test with a different 3.5mm audio cable if using external audio.
Poor video quality or lag	- Not using a USB 3.0 port - Computer system requirements not met - High CPU usage	- Ensure the capture card is connected to a USB 3.0 port. - Verify your computer meets the minimum system requirements (see Section 7). - Close unnecessary applications to reduce CPU load.
Microphone not working	- Incorrect microphone type - Microphone not selected in software - Loose connection	- Ensure you are using a 3.5mm TRRS standard microphone. - Select the capture card's microphone input in your software. - Check the microphone cable connection.

7. SPECIFICATIONS

Feature	Detail
Brand	MYPIN
Model Number	VG0091-VG0103
Hardware Interface	USB 3.0
Video Capture Resolution	Up to 1080p@60fps
HDMI Passthrough	4K@60fps 4:4:4
Operating System Compatibility	Windows 7, 8, 10, OS X 10.9 or later, Linux
Recommended Uses	Video Recording, Live Streaming
Audio Output	YUV
Compatible Devices	PlayStation 4, Xbox One, Xbox 360, Wii U, Webcam, DSLR Camcorder, Action Camera, etc.
Microphone Input	3.5mm TRRS standard microphone

Minimum System Requirements:

- Operating System:** Windows 7, 8, 10, Linux, or OS X 10.9 or later
- Processor (PC):** Intel Core i5-3400 + NVIDIA GT630 or better

- **Processor (Notebook):** Intel Core i7-3537U 2.0 GHz + NVIDIA GT735 or better
- **Processor (Mac):** i5 quad-core or higher
- **Memory:** 4GB RAM
- **Graphics Card:** DirectX 10 compatible
- **USB Port:** Powered USB 3.0 port with Intel chipset and native USB 3.0 host controller (Renesas, Fresco, etc.)

Software Compatibility:

- "ezcap HD Capture" (included on CD)
- OBS Studio (Windows, OS X)
- VLC (Windows, OS X, Linux)
- Potplayer (Windows)
- Windows Media Encoder (Windows)
- Adobe Flash Media Live Encoder (Windows, OS X)
- Real Producer Plus (Windows)
- QuickTime Broadcaster (OS X)
- QuickTime Player (OS X)
- Wirecast (Windows, OS X)
- vMix (Windows)

Development Interface Compatibility: DirectShow (Windows), DirectSound (Windows), V4L2 (Linux), ALSA (Linux), OS X (QuickTime)

8. WARRANTY INFORMATION

MYPIN products are designed and manufactured to the highest quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official MYPIN website. Keep your purchase receipt as proof of purchase for any warranty claims.

9. CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your MYPIN USB3.0 HDR 4K Capture Card, please contact our customer support team:

- **Email:** support@mypin.com
- **Online Support:** Visit the official MYPIN website for FAQs, drivers, and additional support resources.

When contacting support, please provide your product model number (VG0091-VG0103) and a detailed description of the issue.

