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Lemorele 4K60HZ

Lemorele 4K HDMI Video Capture Card with USB3.0

Model: 4K60HZ

Introduction	Package Contents	Product Overview	Setup	Operating
Instructions	Features	Troubleshooting	Maintenance	Warranty & Support

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Lemorele 4K HDMI Video Capture Card with USB3.0. This device is designed for high-quality video capture and passthrough, supporting resolutions up to 4K@60Hz for passthrough and 1080p for capture. It is compatible with various gaming consoles, cameras, and computers, making it suitable for streaming, recording, and live presentations.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- Lemorele 4K HDMI Video Capture Card (Model: 4K60HZ)
- USB-C to USB-A Cable
- User Manual



Image: The Lemorele 4K HDMI Video Capture Card, USB-C cable, and user manual are shown together, indicating the typical package contents.

3. PRODUCT OVERVIEW

The Lemorele 4K HDMI Video Capture Card features a durable aluminum alloy body and multiple ports for versatile connectivity.

3.1. Device Layout



Feature Highlights ↙
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Supports Popular Apps



Mic in, Line in, Audio out



**4K@60Hz
Ultra-HD Capture**



**Aluminum Alloy
Material**



Plug and Play

Image: Top view of the capture card highlighting the HDMI OUT, HDMI IN, and Type-C ports. The HDMI OUT port is for looping out the display, HDMI IN is for the device being captured, and Type-C is for connecting to the acquisition device (computer).



Image: Side view of the capture card highlighting the MIC IN, LINE IN, and AUDIO OUT ports. These ports are used for connecting external microphones, mixers, and audio output devices respectively.

3.2. Port Descriptions

- **HDMI OUT:** Connects to a display (monitor, TV, projector) for zero-latency passthrough.
- **HDMI IN:** Connects to the source device (gaming console, camera, laptop) for video input.

- **TYPE-C:** Connects to your computer (laptop, PC, Mac, iPad Pro) for data transfer and power.
- **MIC IN:** Connects to an external microphone for audio input.
- **LINE IN:** Connects to an audio mixer or instrument for additional audio input.
- **AUDIO OUT:** Connects to headphones or speakers for audio monitoring.

4. SETUP

Follow these steps to set up your Lemorele 4K HDMI Video Capture Card:

1. **Connect Source Device:** Connect your HDMI source device (e.g., Nintendo Switch dock, PS5, Xbox, camera) to the **HDMI IN** port on the capture card using an HDMI cable.
2. **Connect Display (Optional):** If you wish to monitor your gameplay or video feed without latency, connect your display (monitor, TV) to the **HDMI OUT** port on the capture card using an HDMI cable.
3. **Connect to Computer:** Connect the capture card to your computer (laptop, PC, Mac, iPad Pro) using the provided USB-C to USB-A cable. Plug the USB-C end into the **TYPE-C** port on the capture card and the USB-A end into an available USB 3.0 port on your computer.
4. **Connect Audio (Optional):** For external audio input, connect your microphone to the **MIC IN** port or an audio mixer to the **LINE IN** port. For audio monitoring, connect headphones or speakers to the **AUDIO OUT** port.
5. **Software Setup:** Install and open your preferred video capture software (e.g., OBS Studio, Zoom, Twitch, YouTube). The capture card should be recognized as a video input device.

Your browser does not support the video tag.

Video: This video demonstrates the connection process for the Lemorele AC09 video capture card, showing how to connect the HDMI IN, HDMI OUT, and Type-C ports to a Nintendo Switch dock, a monitor, and a laptop for capturing game footage using OBS Studio.

Cross-Platform and App Support

Supports TikTok, Zoom, YouTube
X, OBS, and more



Image: A visual diagram illustrating the connection of the capture card to a gaming console (PS5), a monitor, and a laptop for streaming and recording.

5. OPERATING INSTRUCTIONS

Once the capture card is set up, you can begin capturing or streaming your content.

5.1. Using with OBS Studio (Example)

1. Open OBS Studio on your computer.
2. In the 'Sources' panel, click the '+' icon and select **Video Capture Device**.
3. Create a new source or select an existing one. In the device dropdown, choose your LEMORELE capture card (it may appear as 'USB Video' or similar).
4. Configure resolution, FPS, and audio input settings as needed. Ensure 'Use custom audio device' is checked and select the capture card's audio input.
5. Click 'OK' to add the source. You should now see your video feed in OBS.
6. Adjust the video source size and position within the preview window.
7. To start recording or streaming, click the 'Start Recording' or 'Start Streaming' button in OBS Studio.

5.2. Audio Control

The capture card features dedicated MIC IN and LINE IN ports for advanced audio integration. Ensure your capture software is configured to use these audio inputs for optimal sound quality.

Your browser does not support the video tag.

Video: This video provides an overview of the LEMORELE 4K HDMI Video Capture Card, showcasing its features and various applications in gaming, streaming, and professional settings.



'4K Passthrough Zero-Lag Streaming

Image: A user is shown actively streaming a game, with the capture card connected to a console and a laptop running streaming software, demonstrating a typical usage scenario.

6. FEATURES

- **4K@60Hz Ultra HD Passthrough:** Supports 4K@60Hz zero-lag passthrough to a display while capturing video at 1080p, ensuring a smooth viewing experience for the user and high-quality capture for the audience.

- **Advanced Audio Control:** Dedicated MIC IN and LINE IN ports allow direct connection to external microphones, mixers, or instruments, facilitating professional audio integration for various content creation needs.
- **Comprehensive I/O Connectivity:** Equipped with HDMI IN & OUT, USB-C, and AUDIO OUT ports, providing flexible setup options for connecting gaming consoles, cameras, laptops, and monitors.
- **Stable & Reliable Performance:** The durable aluminum alloy body ensures efficient heat dissipation and anti-interference protection, supporting continuous operation during extended streaming or recording sessions.
- **Plug-and-Play Wide Compatibility:** Works seamlessly with Windows, macOS, and iPad Pro, and supports popular software such as OBS Studio, Zoom, Twitch, and YouTube. Compatible with PS5, Xbox Series X/S, Nintendo Switch, and DSLR cameras.

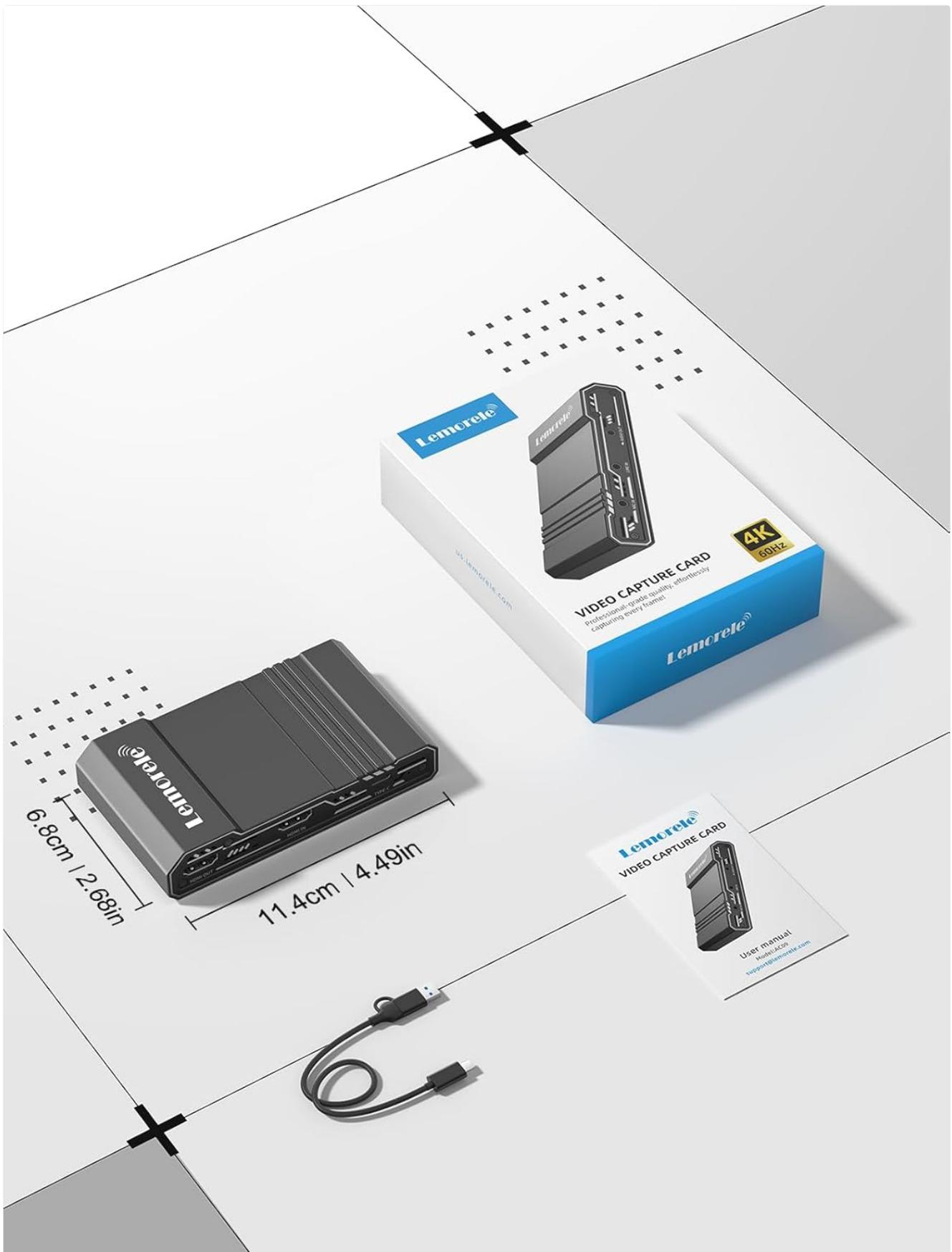


Image: This graphic highlights key features of the capture card, including support for popular streaming applications, dedicated audio input/output ports, 4K@60Hz Ultra-HD capture, durable aluminum alloy construction, and plug-and-play functionality.

7. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

- **No Video Signal:**

- Ensure all HDMI cables are securely connected to the correct ports (HDMI IN from source, HDMI OUT to display).
- Verify the source device is powered on and outputting video.
- Check your capture software settings to ensure the correct video capture device is selected and configured.
- Disable HDCP on your source device (e.g., PS5 settings) if you are experiencing a blank screen.

- **No Audio:**

- Confirm audio cables are correctly connected to MIC IN, LINE IN, or AUDIO OUT ports.
- In your capture software, ensure the audio input device is correctly selected and not muted.
- Check the audio settings on your source device.

- **Lag or Stuttering Video:**

- Ensure your computer meets the minimum system requirements for video capture and streaming.
- Use a USB 3.0 port for connecting the capture card to your computer.
- Close unnecessary applications running in the background to free up system resources.
- Lower the capture resolution or frame rate in your software settings.

- **Device Not Recognized:**

- Try connecting the capture card to a different USB port on your computer.
- Restart your computer.
- Ensure your operating system is up to date.

8. SPECIFICATIONS

Feature	Detail
Brand	Lemorele
Model	4K60HZ
Hardware Interface	3.5mm Audio, HDMI, USB 3.0 Type C
Max HDMI Input Resolution	4K@60Hz
Max HDMI Passthrough Resolution	4K@60Hz
Max Capture Resolution	1080p
Item Weight	9.8 ounces
Package Dimensions	6.1 x 4.02 x 1.42 inches
Material	Aluminum Alloy
Compatibility	Windows, macOS, iPad Pro, OBS Studio, Zoom, Twitch, YouTube, PS5, Xbox Series X/S, Nintendo Switch, DSLR cameras

9. MAINTENANCE

To ensure the longevity and optimal performance of your capture card, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using 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, especially during long streaming sessions. The aluminum alloy body is designed for efficient heat dissipation.

10. WARRANTY AND SUPPORT

Lemorele products are designed for reliability and performance. This product comes with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included in your package or visit the official Lemorele website.

For technical support, troubleshooting assistance, or any inquiries regarding your Lemorele 4K HDMI Video Capture Card, please contact our customer support team:

- **Email:** support@lemorele.com
- **Website:** Visit the Lemorele official website for FAQs and additional resources.