

AOGITKE AOGITKEv5-2

AOGITKE Audio Video Capture Card User Manual

Model: AOGITKEv5-2

INTRODUCTION

The AOGITKE Audio Video Capture Card is a versatile device designed for high-definition acquisition, streaming, recording, and live broadcasting. It allows you to connect HDMI output devices such as game consoles, DSLR cameras, camcorders, and action cameras to your computer via USB 2.0. This plug-and-play device supports 4K input and output resolutions, making it ideal for gaming, video conferencing, teaching, and various recording occasions.

WHAT'S IN THE BOX

- 1 x AOGITKE Audio Video Capture Card

SPECIFICATIONS

| Feature | Detail |
|--------------------------------|-------------------------|
| Brand | AOGITKE |
| Model Number | AOGITKEv5-2 |
| Hardware Interface | USB, USB 2.0 |
| Input Resolution (HDMI) | Max 3840x2160@60Hz |
| Output Resolution (USB) | Max 3840x2160@60Hz |
| Video Capture Resolution | 1080p, 4K |
| Operating System Compatibility | Windows, Android, MacOS |
| Dimensions | 22.61 x 9.5 x 2.69 cm |
| Weight | 41 g |

| Feature | Detail |
|--------------|-----------------------------------|
| Power Supply | No external power supply required |

SETUP

The AOGITKE Audio Video Capture Card is designed for plug-and-play operation, requiring no driver installation.

1. **Connect HDMI Input:** Connect your HDMI source device (e.g., game console, DSLR camera, camcorder) to the HDMI input port on the capture card using an HDMI cable.
2. **Connect USB Output:** Plug the USB 2.0 connector of the capture card into an available USB port on your computer (Windows, Android, or MacOS).
3. **Software Setup:** Open your preferred acquisition software on your computer (e.g., OBS Studio, VLC, Amcap). Configure the software to recognize the capture card as a video and audio input device.



Figure 1: Connection Diagram. This image illustrates how to connect various HDMI source devices (projector, phone, camcorder, Xbox,

Apple TV) to the capture card's HDMI input, and then connect the capture card's USB output to a laptop, PC, or TV for display and recording.

OPERATING INSTRUCTIONS

Once connected and recognized by your software, the capture card will transmit the HDMI signal to your computer for various applications.

- **Real-time Preview:** The capture card provides real-time preview of the HDMI input without significant delay, allowing for live monitoring.
- **Recording:** Use your chosen software (e.g., OBS Studio) to record the video and audio stream directly to your computer's hard drive. Ensure your software settings match the desired resolution and frame rate.
- **Live Broadcasting:** Integrate the capture card's feed into live streaming platforms (e.g., Twitch, YouTube Live, Facebook Live) through your broadcasting software.
- **Video Conferencing/Screen Sharing:** Utilize the capture card to share content from an external HDMI source (like a presentation from a separate device) in online meetings via software like OBS or other compatible applications.



Multiple optional software

Acquisition software, such as VLC, OBS, Amcap etc

Figure 2: Software Compatibility. This image shows the capture card connected to a laptop, highlighting its compatibility with various acquisition software such as VLC, OBS, and Amcap, which are commonly used for video capture and streaming.



Figure 3: Versatile Applications. This image displays four common scenarios where the capture card can be used: recording conferences, conducting live broadcasts, general video recording, and for educational purposes in the field.

TROUBLESHOOTING

| Problem | Possible Cause / Solution |
|-----------------|--|
| No video signal | <p>Ensure HDMI cable is securely connected to both the source and the capture card.</p> <p>Verify the HDMI source device is powered on and outputting a signal.</p> <p>Check if the capture card is properly plugged into a working USB port on your computer.</p> <p>Confirm that your acquisition software is correctly configured to select the capture card as the video input.</p> <p>Try a different HDMI cable or USB port.</p> |

| Problem | Possible Cause / Solution |
|-----------------------------------|---|
| No audio signal | <p>Ensure the HDMI source is outputting audio.</p> <p>Check audio settings within your acquisition software to ensure the capture card's audio input is selected and not muted.</p> <p>Verify system audio settings on your computer.</p> |
| Poor video quality / Lag | <p>Ensure your computer meets the minimum system requirements for recording/streaming at your desired resolution.</p> <p>Close unnecessary applications running in the background.</p> <p>Check the resolution and frame rate settings in your software; lower them if your system struggles.</p> <p>Use a high-quality HDMI cable (AWG26 HDMI standard cable recommended).</p> |
| Device not recognized by computer | <p>Try plugging the capture card into a different USB port.</p> <p>Restart your computer.</p> <p>Ensure your operating system is up to date.</p> |

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the capture card. Do not use liquid cleaners or aerosols.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Handling:** Handle the capture card with care. Avoid dropping it or exposing it to excessive force.
- **Connectivity:** Always ensure cables are inserted and removed gently to prevent damage to the ports.


WARRANTY AND SUPPORT


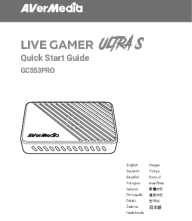
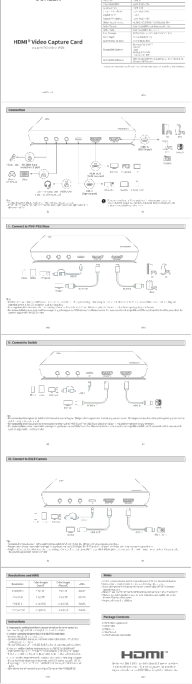


Specific warranty information for the AOGITKE Audio Video Capture Card is not provided in this manual. Please refer to the product packaging or the retailer's website for details regarding warranty coverage and support options. For technical support or further inquiries, please contact AOGITKE customer service through the contact information provided with your purchase or on the official AOGITKE website.



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Related Documents - AOGITKEv5-2

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|---|--|
|  | <p>AMZHRLY 4K HDMI to USB 2.0 Video Capture Card Setup Guide for OBS</p> <p>Guide to setting up the AMZHRLY 4K HDMI to USB 2.0 video capture card with OBS for streaming and recording, including audio and video configuration.</p> |
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|  | <p>RGLink MSP 331U Gen2: HDMI 2.0 4K60Hz Capture Card User Manual</p> <p>Discover the RGLink MSP 331U Gen2, a high-performance 4K HDMI 2.0 capture card. This user manual covers installation, features, software compatibility (OBS, POTPlayer), and technical specifications for professional video capture and streaming.</p> |
|  | <p>AVerMedia Live Gamer ULTRA S GC553PRO Quick Start Guide</p> <p>This document provides a quick start guide for the AVerMedia Live Gamer ULTRA S GC553PRO, covering its features, setup, specifications, safety instructions, and compliance information.</p> |
|  | <p>UGREEN UG701 HDMI Video Capture Card User Manual</p> <p>Comprehensive user manual for the UGREEN UG701 HDMI Video Capture Card, detailing specifications, connection guides for gaming consoles and cameras, and troubleshooting tips for optimal performance.</p> |
|  | <p>HDMI Video Capture User Manual - High Definition Recording and Streaming</p> <p>This user manual provides detailed information on the HDMI Video Capture device, including its specifications, features, connection and operation guide, software setup with OBS, and package contents. Designed for high-definition video acquisition, teaching, and medical imaging.</p> |
|  | <p>RGLink MSP 331 Family 4K AV Capture Card User Manual</p> <p>Comprehensive user manual for the RGLink MSP 331 Family, detailing its features, specifications, interface descriptions, setup guides for OBS and PotPlayer, and contact information for the 4K@60Hz AV capture card with HDMI 2.0 and 12G-SDI inputs.</p> |