

UNISHEEN UC3300H-P

UNISHEEN UC3300H-P 2 Channel HDMI Video Capture Card User Manual

Model: UC3300H-P

1. INTRODUCTION

This manual provides comprehensive instructions for the UNISHEEN UC3300H-P 2 Channel HDMI Video Capture Card. This device is designed for capturing high-quality video and audio from two HDMI sources simultaneously, facilitating live streaming, broadcasting, and recording applications. It supports 4K30 input and utilizes a USB 3.1 Gen2 interface for high-speed data transfer.



Image 1.1: Front and rear view of the UNISHEEN UC3300H-P Video Capture Card, showcasing its compact design and input/output ports.

2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- UNISHEEN UC3300H-P Video Capture Card (1 unit)
- USB Cable (1 unit)
- Type-C Adapter (1 unit)
- User Manual (1 unit)



Image 2.1: The UNISHEEN UC3300H-P Video Capture Card, USB-C to USB adapter, USB cable, and quick guide for using.

3. SETUP INSTRUCTIONS

Follow these steps to connect your UNISHEEN UC3300H-P Video Capture Card:

1. **Connect to Computer:** Use the provided USB cable to connect the capture card's USB 3.1 Gen2 (Type-C) port to a compatible USB 3.1 Gen2 or USB 3.0 port on your computer. If your computer has a

standard USB-A port, use the included Type-C adapter.

2. **Connect HDMI Input Sources:** Connect your HDMI source devices (e.g., camcorder, game console, set-top box) to the HDMI INPUT-1 and/or HDMI INPUT-2 ports on the capture card using HDMI cables.
3. **Connect External Audio (Optional):** If you wish to use external audio sources, connect them to the 'Line In 1' or 'Line In 2' 3.5mm audio input jacks.
4. **Driver Installation:** The UNISHEEN UC3300H-P is a driver-free device, meaning it should be automatically recognized by your operating system (Windows 10/11, Linux, macOS) upon connection.



Image 3.1: Equipment connection guide illustrating how to connect various devices like camcorders, game consoles, and audio sources to the capture card and then to a computer.

Equipment Connection Guide



Image 3.2: A close-up view of the capture card's USB 3.1 Gen2 Type-C high-speed interface, highlighting its connectivity.

4. OPERATING INSTRUCTIONS

Once connected, the capture card functions as a video input device for compatible software.

4.1 Software Compatibility

The UNISHEEN UC3300H-P is compatible with a wide range of streaming and recording software, including but not limited to:

- OBS Studio
- vMix
- QuickTime
- VJ
- Zoom
- VLC
- XSplit

STREAMING APPLICATIONS

Widely compatible with: OBS, Streamlabs, vMix,
QuickTime, YouTube, Facebook, VJ, Zoom etc

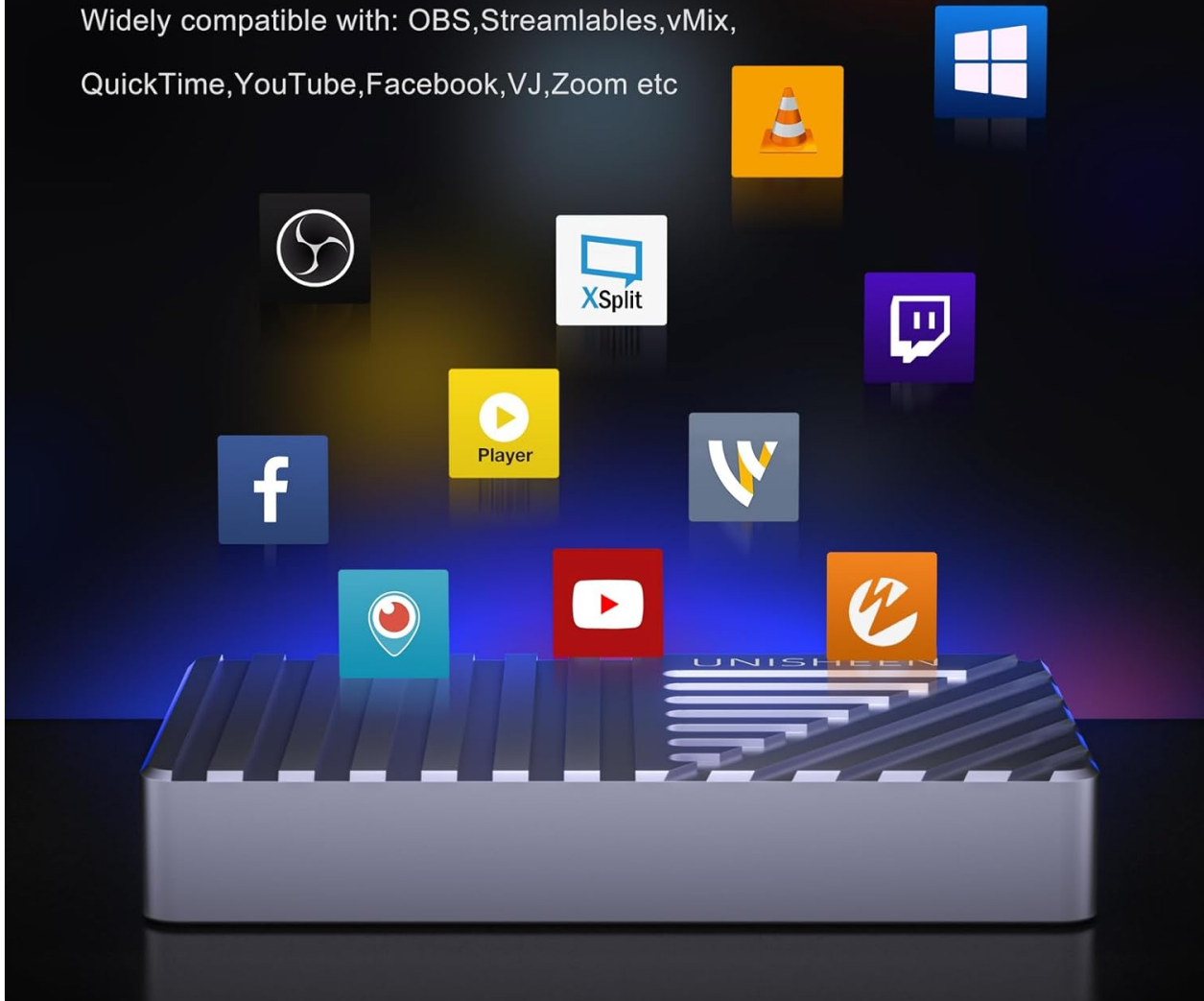


Image 4.1: A visual representation of various streaming applications compatible with the UNISHEEN UC3300H-P, including OBS, vMix, QuickTime, and more.

4.2 Capturing Video and Audio

1. Open your preferred video capture or streaming software (e.g., OBS Studio).
2. Add a new video source and select the UNISHEEN UC3300H-P as the input device.
3. Configure the video resolution and frame rate settings within the software. The card supports input resolutions up to 4K at 30Hz, 1440p at 60Hz, and 1080p at 120Hz. Output capture can be 4K30 (NV12) or 1080P60 (YUV2).
4. If using external audio, ensure the audio input is correctly selected and configured in your software.
5. Begin your recording or live stream.

Dual HDMI Video Capture

Support dual-channel video input capture.computer USB3.1 support capture dual 4K30. USB3.0 support capture dual 1080P60



Image 4.2: A user operating the UNISHEEN UC3300H-P to capture dual HDMI video input, displayed on a laptop screen with streaming software.

CAPTURE MAX 4K 30Hz

Support input 4K30, capture 4K30 (NV12), capture 1080P60 (YUV2)



Image 4.3: A visual comparison demonstrating the difference between 1080p and 4K video capture quality, highlighting the card's capability to capture up to 4K30Hz.

5. MAINTENANCE

To ensure the longevity and optimal performance of your UNISHEEN UC3300H-P Video Capture Card, please observe the following maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using liquid cleaners or solvents.
- **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 to the ports or casing.
- **Ventilation:** Ensure the device has adequate ventilation during operation to prevent overheating.

6. TROUBLESHOOTING

If you encounter issues with your UNISHEEN UC3300H-P, please refer to the following common troubleshooting steps:

- **No Signal/Black Screen:**

- Ensure all HDMI cables are securely connected to both the source device and the capture card.
- Verify that the HDMI source device is powered on and outputting a signal.
- Check your capture software settings to ensure the correct input source is selected and configured.
- Try a different HDMI cable or source device to rule out cable or source issues.

- **No Audio:**

- Confirm that the audio settings in your capture software are correctly configured to receive audio from the capture card or the external 'Line In' ports.
- Check the volume levels on your source device and computer.
- If using external audio, ensure the 3.5mm cable is properly connected and the audio source is active.

- **Poor Video Quality/Lag:**

- Ensure the capture card is connected to a USB 3.1 Gen2 or USB 3.0 port on your computer. USB 2.0 ports may not provide sufficient bandwidth for high-resolution capture.
- Verify that your computer meets the minimum system requirements for capturing and streaming at your desired resolution and frame rate.
- Close unnecessary applications running in the background to free up system resources.
- Reduce the capture resolution or frame rate in your software settings to see if performance improves.

- **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.

7. SPECIFICATIONS

Feature	Specification
Brand	UNISHEEN
Model Name	UC3300H-P
Hardware Interface	USB 3.1 Gen2 (compatible with USB 3.0)
Video Input	2 x HDMI (up to 4K30, 1440p60, 1080p120)
Video Capture Resolution	4K30 (NV12), 1080P60 (YUV2)
Audio Input	External Line-in (2 channels)
Operating System Compatibility	Windows 10/11, Linux, macOS
Item Weight	10.2 ounces
Product Dimensions (LxWxH)	2.13 x 3.94 x 5.51 inches
Color	Silver

8. WARRANTY AND SUPPORT

For warranty information and technical support, please contact the seller directly through the Amazon platform. You can typically find the 'Contact Seller' button within your order details.

If you receive a damaged product, you may be eligible for an exchange through the Amazon platform within 30 days of receipt, subject to Amazon's return policy.

UNISHEEN Technology is committed to resolving any product-related issues within 24 hours of contact.