



Manuals.plus /

› UNISHEEN /

› UNISHEEN UC3300HS 1080P Dual Input Capture Card User Manual

UNISHEEN UC3300HS

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Model: UC3300HS

1. INTRODUCTION

This manual provides detailed instructions for the UNISHEEN UC3300HS 1080P Dual Input Capture Card. This device is designed for capturing and streaming high-definition video from both SDI and HDMI sources via a USB 3.0 connection. It supports 1080P resolution at 60 frames per second (fps) and is UVC (USB Video Class) and YUV422 compliant, offering a plug-and-play experience without the need for additional drivers.

2. KEY FEATURES

- **Versatile Input Options:** Features both SDI and HDMI dual channel input for connecting multiple devices.
- **High Definition Capture:** Supports HD 1080P live streaming and video capture, ensuring clear and detailed broadcasts.
- **Broad Compatibility:** Compatible with Windows 7, 8.1, 10, 11, and Linux operating systems.
- **User-Friendly Setup:** Driver-free operation and compatibility with popular software such as Zoom, OBS, Vmix, Wirecast, Xsplit, VLC, and Potplayer.
- **Reliable Support:** Dedicated customer support for inquiries or technical issues.

Dual channel acquisition

Support HDMI and SDI dual-channel input at the same time, support dual-screen display, and support dual-channel simultaneous capture of images



Image: The UNISHEEN UC3300HS capture card demonstrating its dual channel acquisition capability, supporting simultaneous HDMI and SDI input.

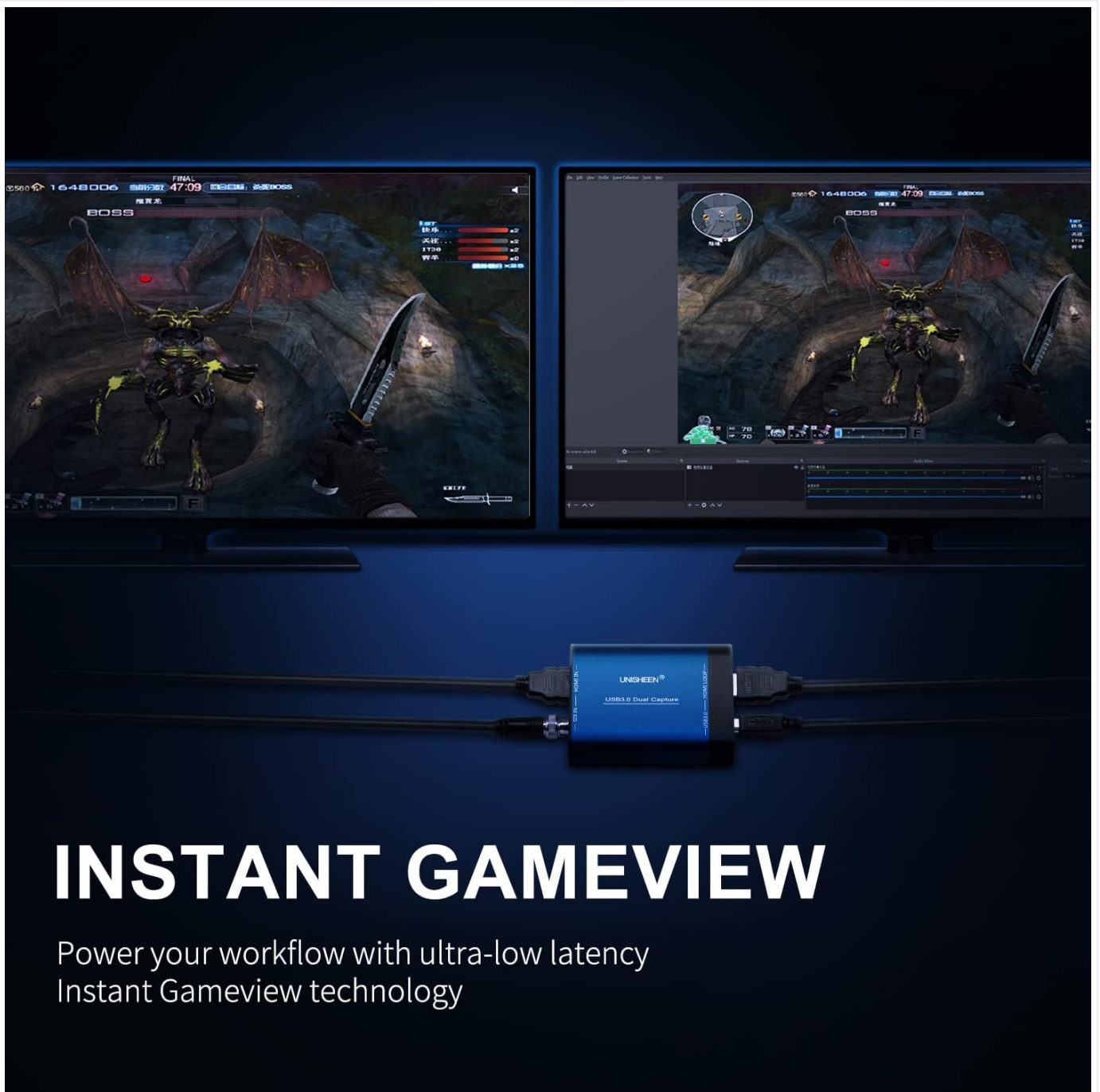


Image: Visual representation of the 1080P 60Hz output quality supported by the UNISHEEN UC3300HS capture card for single-channel acquisition.

3. WHAT'S IN THE BOX

Upon unboxing your UNISHEEN UC3300HS, you should find the following items:

- USB Grabber (1 piece)
- USB 3.0 Cable (1 piece)
- User Manual (1 piece)

Your browser does not support the video tag.

Video: An unboxing video of the UNISHEEN UC3300HS HDMI SDI Video Capture Card, showing the contents of the package.

4. SETUP INSTRUCTIONS

Follow these steps to set up your UNISHEEN UC3300HS capture card:

1. **Connect Video Source:** Connect your HDMI or SDI video source (e.g., camcorder, game console, set-top box) to the corresponding **HDMI IN** or **SDI IN** port on the capture card.
2. **Connect to Computer:** Use the provided USB 3.0 cable to connect the capture card's **USB 3.0** port to a USB 3.0 port on your computer.
3. **Optional HDMI Loop-through:** If you wish to monitor your video source on a separate display without latency, connect an HDMI cable from the capture card's **HDMI LOOP** port to your HDTV or projector.
4. **Power On:** Ensure all devices are powered on. The capture card is plug-and-play and does not require external power in most cases, drawing power directly from the USB 3.0 port.
5. **Software Recognition:** Your computer should automatically recognize the capture card as a video input device. Open your preferred streaming or recording software (e.g., OBS, VLC, Zoom) and select the UNISHEEN UC3300HS as your video and audio input source.



Image: A diagram illustrating the various connection points on the UNISHEEN UC3300HS capture card, including HDMI IN, SDI IN, USB 3.0, and HDMI LOOP, and their respective connections to source devices and displays.



Image: A schematic showing the signal flow from a game host (HDMI) and video source (SDI) through the UNISHEEN UC3300HS capture card to a display screen (HDMI Loop) and a laptop (USB 3.0 Output).

5. OPERATING INSTRUCTIONS

Once the capture card is set up and recognized by your computer, you can begin capturing or streaming:

1. **Select Input Source:** In your chosen software (e.g., OBS Studio), add a "Video Capture Device" source. Select the UNISHEEN UC3300HS from the list of available devices.
2. **Configure Resolution and Frame Rate:** Adjust the resolution and frame rate settings within your software to match your desired output. The card supports up to 1080P 60Hz for single-channel acquisition and 1080P 30Hz for dual-channel acquisition.
3. **Audio Settings:** Ensure the audio input is also selected from the UNISHEEN UC3300HS device within your software's audio mixer.
4. **Start Recording/Streaming:** Initiate recording or live streaming through your software's interface.
5. **Dual Channel Operation:** For dual-channel input, some software may allow you to add two instances of the capture card, or specific settings might be available to manage both inputs simultaneously for picture-in-picture or side-by-side display.

COMPATIBLE SOFTWARE

Compatible with mainstream
streaming media software and live streaming platform

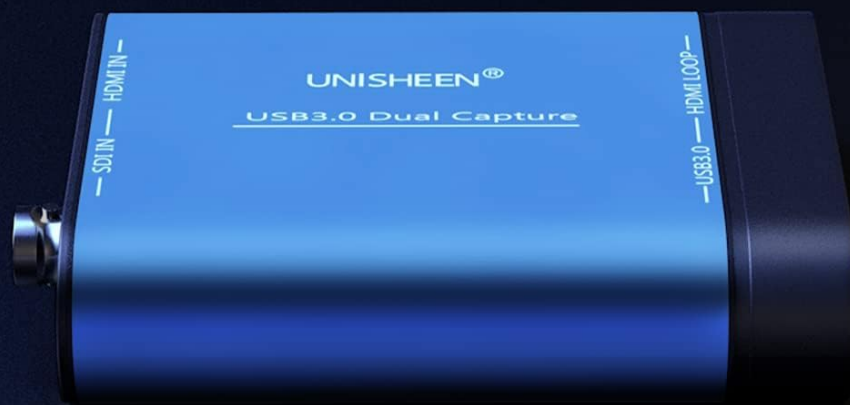
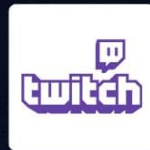
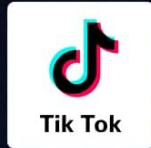


Image: Logos of various compatible streaming and recording software, including TikTok, OBS, XSplit, Wirecast, Twitch, vMix, and YouTube, demonstrating the broad software support for the UNISHEEN UC3300HS.



PLUG AND PLAY

High-performance usb3.0 connection.
easiest set up ever

Image: The UNISHEEN UC3300HS capture card connected to a laptop and a monitor, illustrating its use for game streaming with ultra-low latency.

6. MAINTENANCE

To ensure the longevity and optimal performance of your UNISHEEN UC3300HS capture card, consider the following maintenance tips:

- **Cleaning:** Gently wipe the device with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- **Storage:** Store the capture card in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Handling:** Handle the device with care to prevent physical damage to ports or the casing.
- **Cable Management:** Ensure cables are not excessively bent or strained, which can lead to damage over time.

7. TROUBLESHOOTING

If you encounter issues with your UNISHEEN UC3300HS, refer to the following common solutions:

- **No Signal/Device Not Recognized:**

- Ensure the USB 3.0 cable is securely connected to a **USB 3.0 port** on your computer. Some USB 2.0 ports may not provide sufficient bandwidth or power.
- Verify that your video source is powered on and outputting a signal.
- Try a different USB 3.0 port on your computer.
- Restart your computer and the video source device.
- Check your software settings to ensure the correct video capture device is selected.

- **Poor Video Quality or Lag:**

- Confirm you are using a USB 3.0 port. USB 2.0 ports will limit performance.
- Reduce the resolution or frame rate settings in your capture software.
- Ensure your computer meets the minimum system requirements for capturing and streaming at your desired quality.
- Check the quality of your HDMI/SDI cables.

- **Audio Issues:**

- Verify that the audio input is correctly selected in your capture software.
- Check the audio output settings of your source device.
- Ensure your computer's audio drivers are up to date.

- **Dual Input Not Working on macOS (M1):**

- Some users have reported issues with both inputs being recognized simultaneously on Macintosh M1 systems. While both inputs (UC3300S1 and UC3300S2) may appear on PC, only one might function on macOS. This may be an operating system or software compatibility issue. Ensure your macOS and capture software are updated to the latest versions.

8. SPECIFICATIONS

Feature	Detail
Brand	UNISHEEN
Model Number	UC3300HS
Hardware Interface	USB 3.0
Video Capture Resolution	1080p
Operating System Support	Windows 7, 8.1, 10, 11 (x86 & x64), Windows Server 2008 R2, Linux
Item Weight	4.2 ounces
Product Dimensions (LxWxH)	3.93 x 2.75 x 0.95 inches
Recommended Uses	Video Recording, Live Streaming, Game Capture, Live Broadcast, Surgical Recording, Video Education, Video Conference, Surveillance Security



Image: A close-up view of the UNISHEEN UC3300HS 1080P Dual Input Capture Card, highlighting its compact design and connectivity ports.

- * Dual-channel simultaneous acquisition
- * HDMI loop-through output
- * Picture-in-picture display
- * USB 3.0 capture
- * 1080P60Hz

HDMI and SDI Dual channel acquisition

A collage featuring the UNISHEEN UC3300HS capture card. The card is shown at an angle, highlighting its compact design and connectivity ports. The text 'UNISHEEN®' and 'USB3.0 Dual Capture' is visible on the blue surface. The ports are labeled 'SDI IN', 'HDMI IN', 'USB3.0', and 'HDMI LOOP'. The background is a teal gradient with a reflection of the card below it.

Image: A collage showcasing the UNISHEEN UC3300HS capture card being used in diverse applications such as game capture, live broadcasting, surgical recording, video education, video conferencing, and surveillance security.

9. WARRANTY INFORMATION

UNISHEEN provides a warranty for its products. Key details are as follows:

- **Functionality Guarantee:** Within 3 months of the purchase date, if there is a function problem, UNISHEEN will offer

the same item subject to goods and packing maintaining perfect condition.

- **Repair Service:** Within one year of the purchase date, UNISHEEN guarantees to keep the goods in repair (not including fittings).
- **Exclusions:** The guarantee service is subject to normal usage. Damage caused by human error (e.g., opening the housing, tearing off stickers, abnormal usage) or losing the card will void the warranty.
- **Return Policy:** Products can be exchanged through the Amazon platform within 30 days if damaged upon receipt due to transit issues.

10. CUSTOMER SUPPORT

For any questions, technical assistance, or further support regarding your UNISHEEN UC3300HS capture card, please contact our customer service team:

- **Contact Method:**
 - a. Find your order on the Amazon platform.
 - b. Click the "Contact Seller" button.
- Our team aims to resolve your problem within 24 hours.

