

PERESAL Video Capture Card

PERESAL USB 3.0 Video Capture Card User Manual

Model: Video Capture Card

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your PERESAL USB 3.0 Video Capture Card. Please read this guide thoroughly before using the device to ensure proper functionality and to maximize your experience.

Package Contents

- PERESAL USB 3.0 Video Capture Card
- Installation Guide (this document)
- (Additional cables or accessories may be included depending on your specific package)

PRODUCT FEATURES

The PERESAL USB 3.0 Video Capture Card is designed for high-quality video streaming and recording, offering versatile connectivity and power delivery capabilities.

High-Resolution Capture

Supports up to 4K@60Hz input and 1920×1080@60Hz output resolution, ensuring smooth, lag-free performance for professional content creation. The device supports YUY2 video format for enhanced quality.



Image: Overview of the capture card highlighting YUY2 video format support and 1080P 60FPS recording.

100W Power Delivery (PD 3.0)

Integrated PD 3.0 technology allows for 100W fast charging, enabling you to power your connected devices like laptops or iPads while capturing video. Note: PD charging is exclusively supported via the USB-C port.



Image: The capture card providing 100W fast charging to a tablet while in use.

Extra USB 3.0 Port

Features an additional USB 3.0 port for connecting peripherals such as a mouse, keyboard, or USB flash drive. This port supports data transfer but not power delivery for charging.



Image: The capture card connected to a laptop, showing the extra USB 3.0 port for peripherals.

Wide Compatibility

Compatible with various devices including PCs, PS4/5, Nintendo Switch, smartphones (Android only), cameras, and TV boxes. Ideal for live streaming, video recording, and game capture.

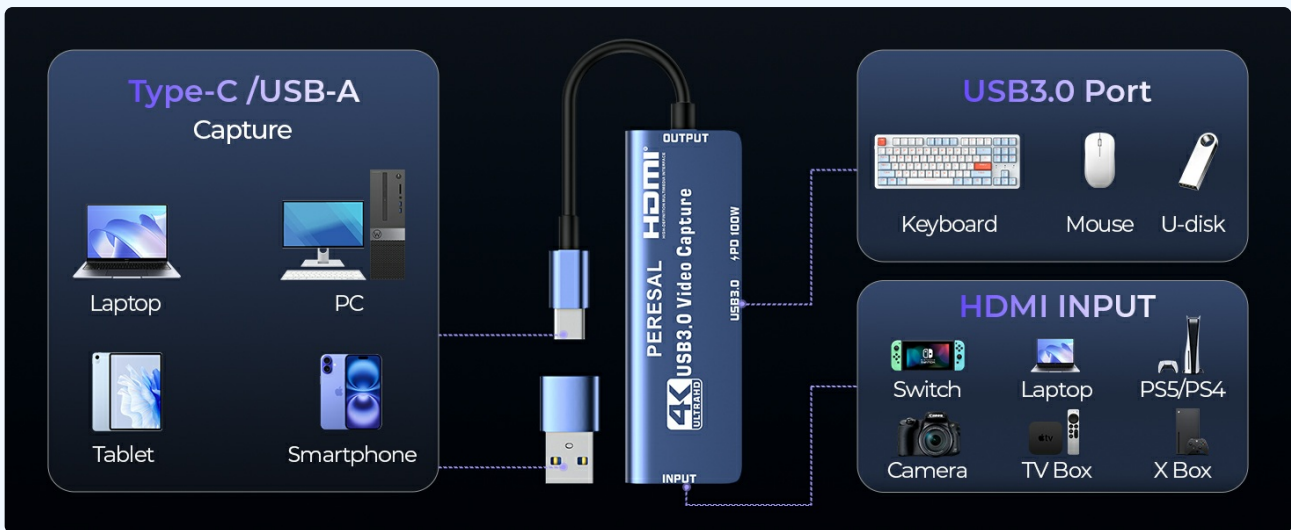


Image: Connection diagram illustrating the capture card's compatibility with multiple devices.

SETUP GUIDE

Follow these steps to set up your PERESAL USB 3.0 Video Capture Card for optimal performance.

1. Hardware Connection

1. Connect your video source (e.g., game console, camera, laptop) to the HDMI input port of the capture card using an HDMI cable.
2. Connect the capture card's USB-A or USB-C output to a compatible USB 3.0 port on your computer (laptop, PC, tablet, or Android smartphone).
3. (Optional) If using the PD 100W charging feature, connect a USB-C power adapter to the capture card's USB-C PD port and then to your laptop/iPad.
4. (Optional) Connect a mouse, keyboard, or U-disk to the extra USB 3.0 port on the capture card.

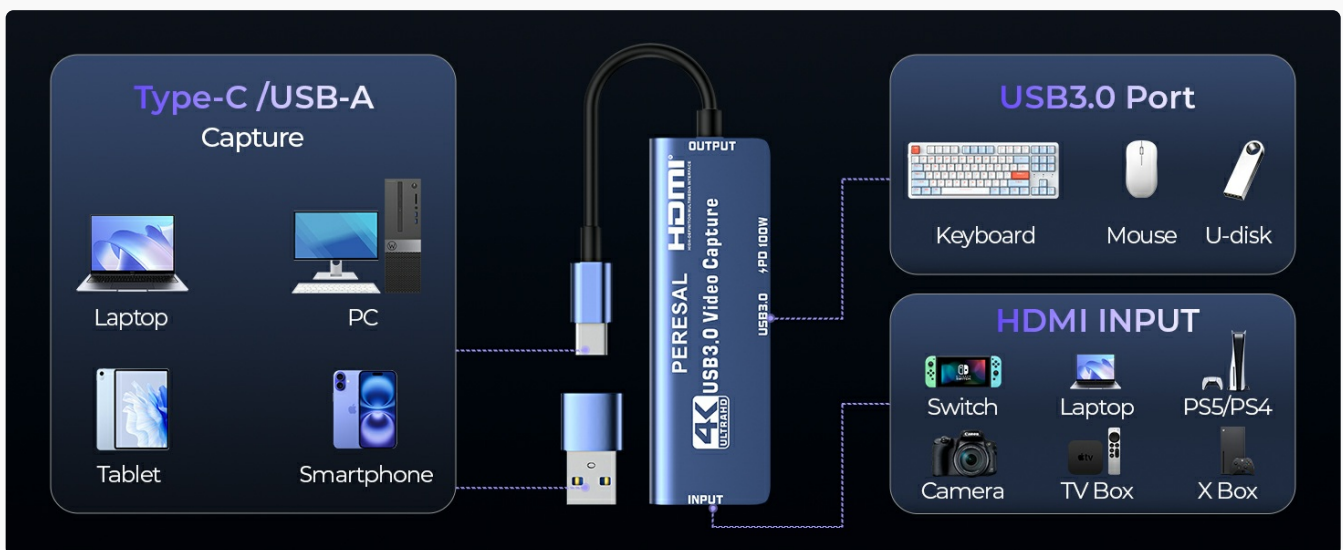


Image: Connection diagram for various devices.

2. Software Setup (OBS Studio Example)

The capture card is plug-and-play and generally does not require driver installation. For recording and streaming, software like OBS Studio is recommended.

Step 1: Add Video Source

1. Open OBS Studio.
2. In the "Sources" panel, click the **+** button.
3. Select **"Video Capture Device"**.
4. Choose "Create new", name the source (e.g., "PERESAL Capture Card"), and click "OK".



Image: OBS Studio interface for adding a video capture device.

Step 2: Configure Video Capture Source

5. In the properties window, select **"C3-1 USB3 Video"** from the "Device" drop-down list and click "Activate".
6. Set the "Sample Rate" to **"48kHz"** for audio.
7. Click **"Custom"** to set recommended property settings for resolution and FPS.



Image: OBS Studio settings for configuring the video capture device.

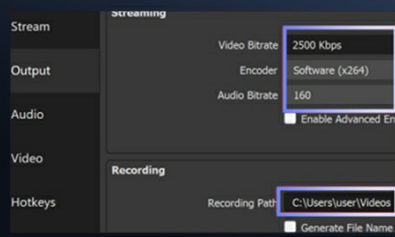
Step 3: Determine Audio Output Mode

7. Select properties related to "Streaming" and "Recording Path" as desired.
8. In "Audio Output Mode", select the desired option, typically **"Capture audio only"** or **"Output desktop audio (DirectSound/WaveOut)"** depending on your setup.

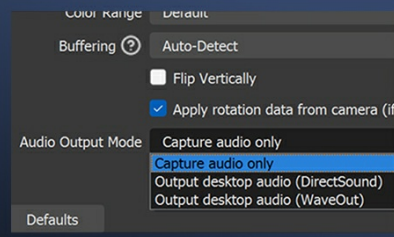
Step 3

OBS Setup Step 3

Determine the desired mode



7. Select the properties related to "Streaming" and "Recording Path"



8. Select the desired mode in "Audio Output Mode"

Image: OBS Studio settings for streaming, recording, and audio output.

OPERATING INSTRUCTIONS

Once the capture card is connected and configured in your software, you can begin capturing or streaming.

General Usage

- Ensure your source device (e.g., console, camera) is powered on and outputting video via HDMI.
- Verify that your capture software (e.g., OBS Studio) recognizes the "C3-1 USB3 Video" device.
- Adjust resolution, frame rate, and audio settings within your software as needed for your specific application (streaming, recording).
- Start recording or streaming from your software.

Specific Scenarios

Camera to Tablet/Smartphone (Android Only)

Connect your camera's HDMI output to the capture card's HDMI input. Connect the capture card's USB-C output to your Android tablet or smartphone. The device will display the video captured by the camera. You can also charge the tablet/smartphone simultaneously via the PD port.

The camera connects to the tablet/Smartphone

The tablet/Smartphone displays the video captured by the camera. While Charging tablet/Smartphone at the same time

Supports Android phones

(Note: iPhones are not supported)



Image: Setup for connecting a camera to an Android tablet/smartphone.

Camera to Computer for Live Streaming

Connect your camera's HDMI output to the capture card's HDMI input. Connect the capture card's USB-C output to your computer. The capture card can also supply power to the computer via its Type-C interface if a PD charger is connected.



Image: Setup for connecting a camera to a computer for live streaming.

MAINTENANCE

To ensure the longevity and optimal performance of your PERESAL USB 3.0 Video Capture Card, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid 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. Avoid dropping it or subjecting it to strong impacts.
- **Connections:** Always ensure cables are securely connected but avoid excessive force when plugging or unplugging.

TROUBLESHOOTING

If you encounter issues with your PERESAL USB 3.0 Video Capture Card, refer to the following common problems and solutions:

No Video Output

- **Check Connections:** Ensure all HDMI and USB cables are securely connected to both the capture card and your source/computer.
- **Source Device:** Confirm that your video source (e.g., console, camera) is powered on and outputting video.
- **Software Selection:** In your capture software (e.g., OBS Studio), ensure the correct video capture device ("C3-1 USB3 Video") is selected and activated.
- **Resolution Compatibility:** Verify that your source device's output resolution is supported by the capture card (up to 4K@60Hz input).

No Sound Output

- **Software Audio Settings:** In your capture software, check the audio input settings for the video capture device. Ensure the correct audio output mode is selected (e.g., "Capture audio only" or "Output desktop audio").
- **Software Restart:** **Important: You need to restart the OBS Studio software after the audio setup is complete, otherwise it may result in no sound output.**
- **System Audio:** Check your computer's sound settings to ensure the capture card's audio input is not muted or

set to a very low volume.

Device Not Recognized

- **USB Port:** Try connecting the capture card to a different USB 3.0 port on your computer.
- **Restart Computer:** Restart your computer and try reconnecting the device.
- **Operating System:** Ensure your operating system (Windows 7/8/10, Linux, macOS, Android) is compatible.

Overheating

- **Ventilation:** Ensure the capture card has adequate ventilation and is not covered or placed in an enclosed space.
- **Usage Duration:** Prolonged high-resolution capture or streaming can generate heat. If the device feels excessively hot, disconnect it and allow it to cool down before resuming use.

SPECIFICATIONS

Feature	Detail
Brand	PERESAL
Model Number	Video Capture Card
Hardware Interface	HDMI, USB 3.0, USB 3.0 Type C, USB Type C (PD)
Video Input Resolution	Up to 4K@60Hz
Video Output Resolution	1920×1080@60Hz (1080p)
Power Delivery	PD 3.0, up to 100W (via USB-C port only)
Extra USB Port	USB 3.0 (for mouse, keyboard, U-disk)
Operating Systems	Windows 7/8/10, Linux, macOS, Android
Item Weight	1.76 ounces
Product Dimensions	3.27 x 1.06 x 0.39 inches

WARRANTY AND SUPPORT

PERESAL is committed to providing high-quality products and customer satisfaction.

- **Lifetime Warranty:** All PERESAL products come with a lifetime warranty.
- **1-Year Protection Period:** Additionally, our products are covered by a 12-month protection period, during which any defects can be replaced at no cost.
- **Customer Support:** For any issues or inquiries regarding your HDMI video capture card or other PERESAL products, please contact us through Amazon's internal messaging system. We commit to assisting you in resolving them within 12 hours.

PERESAL

Image: PERESAL brand logo.



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