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DIGITNOW BR140

DIGITNOW USB3.0 HDMI Video Capture Card User Manual

Model: BR140 | Brand: DIGITNOW

1. INTRODUCTION AND OVERVIEW

The DIGITNOW USB3.0 HDMI Video Capture Card (Model BR140) is designed for capturing and transferring 1080P 60FPS HDMI video signals to your PC, MacBook, or mobile phone. Utilizing high-speed USB 3.0 technology, it offers zero-latency HDMI pass-through, making it ideal for live streaming and recording from external devices such as gaming consoles (Xbox, PS5, PS4, Switch) and other HDMI sources. This plug-and-play device requires no driver installation and is compatible with Windows 7/8/10, Linux, and OS X 10.9 or above. It supports popular video streaming software like OBS Studio, Adobe Flash Media Live, and VLC.

Key Features:

- **1080p@60fps Capture:** High-speed USB 3.0 technology for capturing and transferring 1080P 60FPS HDMI video signals.
- **Zero Latency HDMI Pass-through:** Record audio & video from external devices without latency, suitable for live game streaming.
- **Plug and Play:** No driver required for installation; simply connect to start recording.
- **Stronger Compatibility:** Compatible with 1080P/720P HDMI devices (Wii U, PS4, PS3, Xbox One, Xbox 360, Wii) and operating systems (Windows 7/8/10, Linux, OS X 10.9+).
- **Wide Applicability:** Works with most video streaming software (OBS Studio, Adobe Flash Media Live, VLC) and supports sharing to platforms like YouTube, Facebook, and Twitter.

2. WHAT'S IN THE Box

Upon opening the package, you should find the following items:

- 1 x DIGITNOW USB3.0 HDMI Video Capture Card (Model BR140)
- 1 x USB 3.0 Cable
- 1 x HDMI Cable

- 1 x Type-C Adapter
- 1 x User Manual (this document)



Type-C Adapter

HD video recording card



HDMI cable x1



USB3.0 cable x1



5 Languages of
User Manual

Figure 2.1: Package Contents

3. SETUP AND CONNECTION

Follow these steps to connect your DIGITNOW Video Capture Card:

1. **Connect the USB 3.0 Cable:** Insert one end of the USB 3.0 cable into the USB 3.0 port on the capture card and the other end into an available USB 3.0 port on your computer (PC or MacBook). If using a device with only Type-C ports, use the provided Type-C adapter.



Figure 3.1: Device Ports Overview

2. **Connect HDMI Input:** Connect an HDMI cable from your source device (e.g., game console, camera, TV box) to the **HDMI IN** port on the capture card.
3. **Connect HDMI Output (Optional Passthrough):** If you wish to monitor your video feed without latency, connect another HDMI cable from the **HDMI OUT** port on the capture card to your display device (e.g., TV, monitor, projector).

Support to capture and transfer Video signal to your mobile phone. (with Type-C adapter)



Figure 3.2: Connection Diagram

4. **Power On:** Once all connections are secure, power on your source device and computer. The capture card is plug-and-play and should be recognized automatically by your operating system.

Video Guide: How to Connect

Your browser does not support the video tag.

Video 3.1: This video demonstrates the physical connection process of the DIGITNOW Video Capture Card to a laptop and an HDMI source. It shows how to connect the USB 3.0 cable to the laptop and the HDMI input from a source device to the capture card.

4. OPERATING INSTRUCTIONS (USING OBS STUDIO)

The DIGITNOW Video Capture Card is compatible with various streaming and recording software. This section provides instructions for setting up and using the device with OBS Studio, a popular free and open-source software.

1. **Install OBS Studio:** If you don't have OBS Studio, download and install it from the official website (obsproject.com).
2. **Add Video Capture Device:**
 - Launch OBS Studio.
 - In the "Sources" window (usually at the bottom left), click the + icon.

- Select "**Video Capture Device**" from the list.
- In the new window, select "**Create new**" and give it a name (e.g., "DIGITNOW Capture"). Click OK.
- In the properties window, select "**USB Video Device**" from the "Device" dropdown.
- Set "Resolution/FPS Type" to "**Custom**" and "Resolution" to "**1920x1080**". Ensure "FPS" is set to "Match Output FPS" or "60".

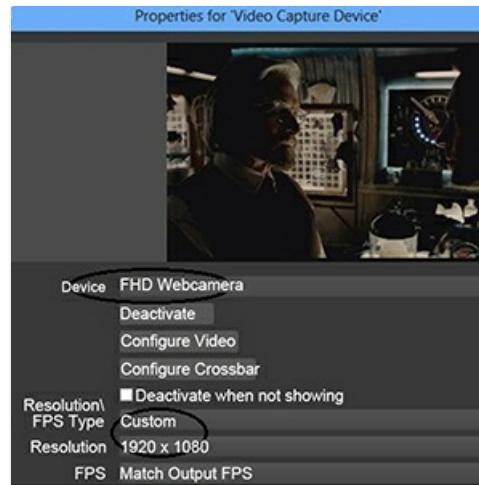


Figure 4.1: OBS Video Capture Device Settings

3. Configure Audio Output:

- In the same "Video Capture Device" properties window, scroll down to "Audio Output Mode".
- Select "**Output desktop audio (Wave Out)**" or "**Use custom audio device**".
- For "Audio Device", select "**Microphone (2-USB Audio Device)**" or similar, corresponding to your capture card.

4. Add Video Delay (Optional, for synchronization):

- Right-click on your "Video Capture Device" source in the "Sources" window.
- Select "**Filters**".
- In the Filters window, click the + icon under "Effect Filters".
- Select "**Video Delay (Async)**".
- Set the delay to approximately **470ms** (this value may vary based on your setup and can be fine-tuned).

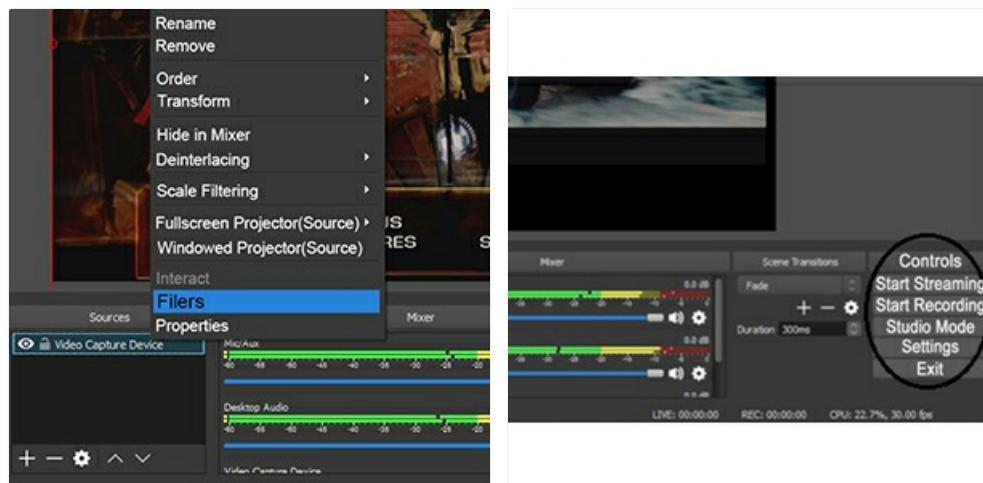


Figure 4.2: OBS Filters and Controls

5. Start Recording or Streaming:

Once configured, you can click "**Start Recording**" or "**Start Streaming**" in the "Controls" panel of OBS Studio.

Video Guide: How to Use OBS

Your browser does not support the video tag.

Video 4.1: This video provides a step-by-step guide on configuring OBS Studio to work with the DIGITNOW Video Capture Card, including adding the device, setting resolution, and adjusting audio and video sync filters.

5. MAINTENANCE

To ensure the longevity and optimal performance of your DIGITNOW USB3.0 HDMI Video Capture Card, please follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using liquid cleaners, aerosols, or abrasive solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts.
- **Connectivity:** Always gently insert and remove cables to prevent damage to the ports.

6. TROUBLESHOOTING

If you encounter issues with your DIGITNOW Video Capture Card, please refer to the following common problems and their solutions:

- **No Video Signal:**
 - Ensure all HDMI and USB cables are securely connected.
 - Verify that your source device is powered on and outputting an HDMI signal.
 - Check the resolution settings in your capture software (e.g., OBS Studio) to ensure they match the input signal (1080p or 720p).
 - Try a different HDMI cable or USB port on your computer.
- **No Audio:**
 - Confirm that the audio output settings in your capture software are correctly configured to "USB Audio Device" or "Microphone (2-USB Audio Device)".
 - Check the volume levels in both your operating system and capture software.
 - Ensure the source device is outputting audio via HDMI.
- **Lag or Stuttering Video:**
 - Ensure you are using a USB 3.0 port on your computer. USB 2.0 ports may not provide sufficient bandwidth for 1080p 60fps capture.
 - Close other demanding applications running on your computer.
 - Lower the resolution or frame rate in your capture software settings.
 - Update your computer's USB drivers.
- **Device Not Recognized:**
 - Try connecting the device to a different USB port.
 - Restart your computer.

- Ensure your operating system is up to date.

7. SPECIFICATIONS

Feature	Specification
Product Dimensions	3.66 x 2.16 x 0.59 inches
Item Weight	9.1 ounces
Manufacturer	DIGITNOW
Item Model Number	BR140
Hardware Interface	HDMI, USB 3.0
Video Capture Resolution	1080p
Operating System Compatibility	Android, Linux, Mac OS, Windows
Recommended Uses	Video Recording, Live Streaming

8. WARRANTY AND SUPPORT

The DIGITNOW USB3.0 HDMI Video Capture Card comes with an **18-YEAR-WARRANTY**, demonstrating our commitment to quality and customer satisfaction. We also provide **24-HOUR online support** to assist you with any questions or issues you may encounter.

For technical support, warranty claims, or general inquiries, please refer to the contact information provided on the product packaging or the official DIGITNOW website. Please have your model number (BR140) and purchase details ready when contacting support.