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## UGREEN 25854

# UGREEN Full HD 1080P 60FPS Capture Card User Manual

MODEL: 25854

Brand: UGREEN

## 1. INTRODUCTION

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The UGREEN Full HD 1080P 60FPS Capture Card is a versatile device designed for streaming, recording, and gaming. It supports input resolutions up to 4K@30Hz and outputs up to 1080P@60Hz, ensuring clear and smooth video capture. With its 2-in-1 USB-A and USB-C interface, it offers broad compatibility with various devices, including laptops, PCs, tablets, and mobile phones. This plug-and-play capture card provides ultra-low latency, making it ideal for capturing content from game consoles and cameras without significant delay or tearing.



Image: The UGREEN Full HD 1080P 60FPS Capture Card, showcasing its compact design with both USB-A and USB-C connectors.

## 2. WHAT'S IN THE BOX

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- UGREEN Full HD 1080P 60FPS Capture Card
- Installation Guide (This User Manual)

## 3. SPECIFICATIONS

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Feature	Detail
Brand	UGREEN
Model Number	25854
Input Resolution	Up to 4K@30Hz
Output Resolution	Up to 1080P@60Hz
Interface	HDMI Input, USB-A & USB-C Output
Operating Systems	Windows 8.1/10, Linux, Android, iPadOS 17/18+
Supported Software	OBS, XSplit, Potplayer, QuickTime Player, USB Camera Viewer, etc.
Item Weight	1.06 ounces
Product Dimensions	3.06 x 0.93 x 0.4 inches

## HDMI to USB Capture Card



Image: Diagram illustrating the various devices compatible with the UGREEN HDMI to USB Capture Card, including game consoles, cameras, laptops, and mobile devices.

## 4. SETUP GUIDE

### 4.1 Connecting to PC/Laptop for Gaming or Streaming

This section details how to connect your game console (e.g., Nintendo Switch, PS4, PS5, Xbox) to your PC or laptop using the UGREEN Capture Card for streaming or recording.

1. Connect an HDMI cable from the HDMI OUT port of your game console's dock (e.g., Nintendo Switch dock) to the HDMI IN port of the UGREEN Capture Card.
2. Connect the USB-A or USB-C end of the capture card's integrated cable to an available USB-A or USB-C port on your PC or laptop.
3. For PS4/PS5 users: Ensure HDCP (High-bandwidth Digital Content Protection) is turned off in your console's system settings. Navigate to **Settings > System > HDMI** and disable **Enable HDCP**. HDCP is typically off by default on Switch/Xbox but may activate with media apps.
4. Your computer should recognize the capture card as a video input device without needing additional drivers.



#### Game Console to Mac/iMac

Play games wherever you are

Note: PS4 and PS5 support this capture card when HDCP is turned off

Image: A PlayStation 5 connected to an iMac via the UGREEN Capture Card, demonstrating game console to computer setup.

### For HDCP Supported Device, Please Disable HDCP First For Video Capture

#### PS4/PS5:

At the PlayStation4/PlayStation5 main menu, navigate to **Settings -> System -> HDMI** section of the PS4/PS5 interface, and **turn off Enable HDCP**.

#### Switch/Xbox:

- HDCP is off by default on Switch/Xbox consoles.
- HDCP will activate when media apps such as Netflix or Hulu are started.
- HDCP automatically turns off when the media app is quit, if the signal does come back restart the console.

Image: Instructions on how to disable HDCP for PlayStation and notes for Switch/Xbox to ensure proper video capture.

## 4.2 Connecting a Camera to a USB-C Phone/Tablet

Transform your USB-C enabled phone or tablet into a portable monitor for your DSLR camera, allowing for clear preview and monitoring.

1. Connect an HDMI cable (Micro HDMI or Mini HDMI to HDMI, depending on your camera) from your DSLR camera's HDMI output to the HDMI IN port of the UGREEN Capture Card.
2. Connect the USB-C end of the capture card's integrated cable to your USB-C phone or tablet.
3. Open a compatible camera viewing application on your phone/tablet (e.g., USB Camera Viewer).
4. Note: iPadOS devices require an update to version 17/18 or higher for compatibility. iPhone devices are currently not supported due to lack of UVC function.



Image: A user connecting a DSLR camera to a smartphone via the UGREEN Capture Card to use the phone as an external monitor.

## 4.3 Connecting Nintendo Switch to iPad

Use your iPad as a portable display for your Nintendo Switch, enhancing your on-the-go gaming experience.

1. Connect an HDMI cable from the HDMI OUT port of your Nintendo Switch dock to the HDMI IN port of the UGREEN Capture Card.
2. Connect the USB-C end of the capture card's integrated cable to your iPad.
3. Open a compatible video capture application on your iPad (e.g., Capturino).
4. Note: iPadOS devices require an update to version 17/18 or higher for compatibility.



Image: A Nintendo Switch connected to an iPad via the UGREEN Capture Card, illustrating how to use the iPad as a portable gaming monitor.

## 5. OPERATING INSTRUCTIONS

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### 5.1 OBS Studio Operation Guide

This video provides a step-by-step guide on how to set up and use the UGREEN Capture Card with OBS Studio for recording and streaming.

Your browser does not support the video tag.

Video: Official instructions from UGREEN on connecting and operating the capture card with OBS Studio, demonstrating setup for game consoles and cameras.

After connecting your device as described in the Setup Guide, follow these steps in OBS Studio:

1. Open OBS Studio on your computer.
2. In the "Sources" box, click the **+** icon to add a new source.
3. Select **Video Capture Device**.
4. Create a new source or select an existing one, then click **OK**.
5. In the properties window, select **UGREEN 25854** (or similar name) from the "Device" dropdown.
6. Set the "Resolution" to **1920x1080** and "FPS" to **60** for optimal performance.
7. To capture audio, add another source: **Audio Input Capture**. Select **UGREEN 25854** as the device.
8. In the "Audio Mixer" section, click the gear icon next to your Audio Input Capture source and select **Advanced Audio Properties**. Set "Audio Monitoring" to **Monitor and Output** if you wish to hear the audio while streaming/recording.
9. Adjust the video and audio settings as needed for your specific streaming or recording setup.

# Driver-free Setup















System	 Windows	 MacOS	 Linux	 iPadOS 17	 Android
Streaming Platform	 YouTube	 Facebook	 Twitter	 Twitch	 TikTok
Streaming Software	 OBS Studio	 XSplit	 Wirecast	 Streamlabs	



Image: A chart showing the UGREEN Capture Card's compatibility with various operating systems (Windows, macOS, Linux, iPadOS, Android) and streaming platforms/software (YouTube, Facebook, Twitch, TikTok, OBS Studio, XSplit, Potplayer, QuickTime Player, USB Camera Viewer, Streamlabs).

## 5.2 General Usage Tips

- **Low Latency:** The capture card is designed for ultra-low latency, providing a smooth experience for live streaming and recording.
- **High Refresh Rate:** Enjoy smooth footage with a 60Hz refresh rate, minimizing lag and screen tearing.
- **Portability:** Weighing only 35g, its lightweight and portable design makes it convenient for on-the-go use and outdoor broadcasts.
- **Plug and Play:** No external power supply or driver installation is required for most operating systems.

# 60Hz Higher Refresh Rate

Record smooth footage without affecting gameplay



60 Hz



30 Hz



Image: Visual representation of 60Hz refresh rate compared to 30Hz, highlighting the smoother motion capture capability of the UGREEN device.

## 6. MAINTENANCE

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To ensure the longevity and optimal performance of your UGREEN Capture Card, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using liquid cleaners or aerosols.
- **Storage:** Store the capture card in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device and its connectors with care. Avoid bending or twisting the integrated cable excessively.
- **Heat Dissipation:** The sturdy aluminum shell is designed to dissipate heat efficiently. Ensure adequate airflow around the device during prolonged use.

# Built for Superior Performance

Advanced Chipset: Maintain Stable Transmission

UGREEN

Sturdy Aluminium Shell:  
Dissipate Heat Faster

Image: An illustration highlighting the advanced chipset and sturdy aluminum shell of the UGREEN Capture Card, emphasizing its stable transmission and efficient heat dissipation.

## 7. TROUBLESHOOTING

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If you encounter issues with your UGREEN Capture Card, refer to the following common problems and solutions:

- **No Signal/Black Screen:**

- Ensure all HDMI and USB connections are secure and correctly inserted.
- Verify that your source device (e.g., game console, camera) is powered on and outputting video.
- For PS4/PS5, confirm that HDCP is disabled in the console's system settings.
- Check your capture software (e.g., OBS Studio) to ensure the correct video capture device is selected and configured.

- **No Audio/Distorted Audio:**

- In your capture software, ensure the correct audio input device (UGREEN 25854) is selected.

- Check the audio monitoring settings in your software (e.g., OBS Advanced Audio Properties) to ensure audio is being outputted.
- Verify that the volume levels are not muted or set too low in both your source device and capture software.
- **Lag or Choppy Video:**
  - Ensure your computer meets the minimum system requirements for your capture software and the desired resolution/frame rate.
  - Close unnecessary applications running in the background to free up system resources.
  - Verify that your capture software settings (resolution, FPS) match the capabilities of the capture card (1080P@60Hz output).
- **Device Gets Warm:**
  - It is normal for the aluminum casing to become warm during extended use, as it is designed to dissipate heat.
  - Ensure the device is placed in an area with good ventilation and not covered.

## 8. WARRANTY AND SUPPORT

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UGREEN products are designed and manufactured to the highest quality standards. For warranty information, technical support, or any inquiries regarding your UGREEN Full HD 1080P 60FPS Capture Card, please visit the official UGREEN website or contact their customer support team. Keep your purchase receipt for warranty claims.

For further assistance, you may also refer to the [UGREEN Store on Amazon](#).