

HDMI® Video Capture Card

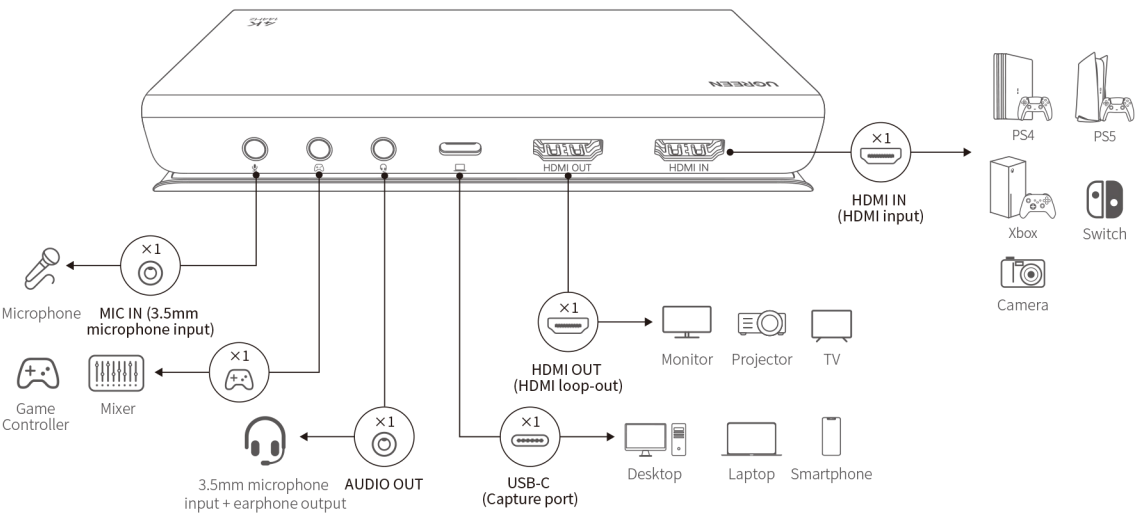
Model: UG701 | P/N: 35871

Specifications

Input Port	HDMI IN
Input Resolution	Up to 4K@144Hz
Loop-out Port	HDMI OUT
Loop-out Resolution	Up to 4K@144Hz
Capture Port	USB-C
Capture Resolution	Up to 4K@144Hz
Video Record Format	MJPEG/NV12/YUY2/P010/RGB24/I420
Audio Output	3.5mm 3-pole/4-pole headset with mic
Audio Input	3.5mm 2-pole microphone
Pixel Formats	RGB/YCbCr 4:4:4/YCbCr 4:2:2/YCbCr 4:2:0
Color Depth	24-bit/30-bit/36-bit
Audio Sampling Rate	24-bit/48kHz Max
Compatible Systems	Windows 7/8.1/10/11 macOS Linux Android 5.0 or later iPadOS 17 or later
Compatible Softwares	OBS Studio/XSplit/Potplayer/QuickTime Player/LIVE Studio/USB Webcam

The data are measured by UGREEN lab but may vary based on specific circumstances.

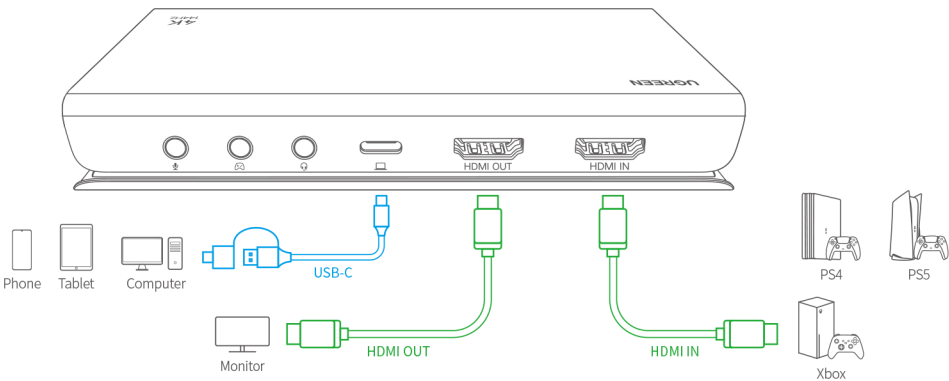
Connection



- Tips
- The breathing RGB indicator will turn on if the power is connected correctly.
 - If both "MIC IN" and "AUDIO OUT" are connected to microphones, the microphone function defaults to "MIC IN".

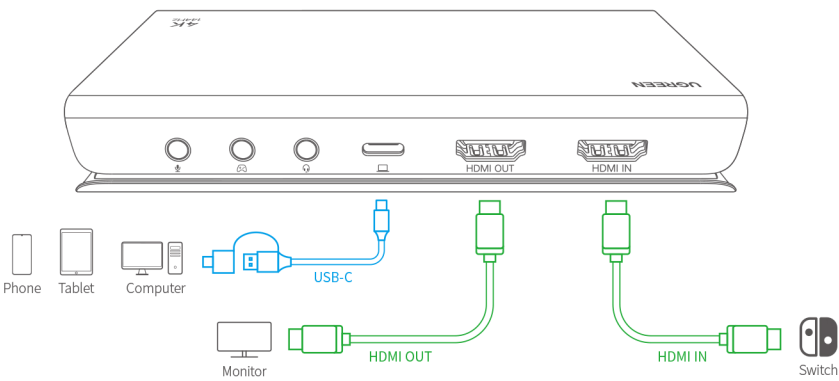
- ! All scenarios outlined in this manual are for reference purposes only. If you have other usage requirements, please feel free to contact UGREEN customer service for help and support.

I . Connect to PS4/ PS5/Xbox



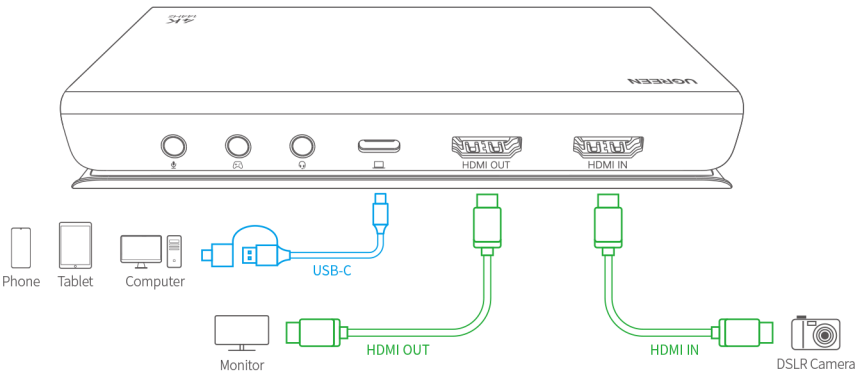
- Tips
- HDCP related issues: for PS4 and PS5 users, make sure to disable HDCP in the system settings before using the capture card. Please note that this capture card does not support recording and streaming content with HDCP protection, such as Blu-ray disc.
 - For computers: please download the corresponding software, such as "OBS Studio". The "OBS Studio Quick Start Guide" is included in the package for your reference.
 - For phones/tablets: please download the corresponding software, such as "USB Camera Pro". Please note that this capture card is not compatible with iPhones. To use it with an iPad, ensure that the system is upgraded to iPadOS 17 or later.

II . Connect to Switch



- Tips
- For connection: Please place the Switch on the base when connecting the HDMI port of the capture card. Alternatively, you can use an HDMI adapter or a docking station (sold separately) to connect the Switch directly to the capture card.
 - For computers: please download the corresponding software, such as "OBS Studio". The "OBS Studio Quick Start Guide" is included in the package for your reference.
 - For phones/tablets: please download the corresponding software, such as "USB Camera Pro". Please note that this capture card is not compatible with iPhones. To use it with an iPad, ensure that the system is upgraded to iPadOS 17 or later.

III. Connect to DSLR Camera



- Tips
- For connection: please use an HDMI adapter (sold separately) when connecting the HDMI port of the capture card to cameras.
 - For computers: please download the corresponding software, such as "OBS Studio". The "OBS Studio Quick Start Guide" is included in the package for your reference.
 - For phones/tablets: please download the corresponding software, such as "USB Camera Pro". Please note that this capture card is not compatible with iPhones. To use it with an iPad, ensure that the system is upgraded to iPadOS 17 or later.

Resolutions and AWG

Resolution	Cable Length (Input)	Cable Length (Output)	AWG
4K@144Hz	2m/6.6ft	2m/6.6ft	30AWG
4K@60Hz	3m/9.8ft	3m/9.8ft	28AWG
4K@30Hz	10m/32.8ft	10m/32.8ft	26AWG
1080p@60Hz	15m/49.2ft	15m/49.2ft	24AWG

Instructions

- Image quality ranking for different capture formats at the same resolution:**
From lowest to highest: MJPEG < NV12/I420 < YUY2 < P010 < RGB24
- Notes for capturing image at 4K@144Hz (MJPEG) resolution:**
 - Use the included USB-C cable (10Gbps).
 - Connect to the USB-C port on your computer, ensuring it supports USB 3.2 Gen 2 (10Gbps) standard or higher.
 - Choose "OBS Studio" or "TikTok LIVE Studio" as the live streaming capture software.
- How can I confirm that my computer supports USB 3.2 Gen 2 (10Gbps)?**
 - Verify whether the built-in USB-C port on your computer is marked with "10Gbps".
 - If there is no mark, refer to your computer's user manual for detailed specifications.
- Unable to select 4K@144Hz on the monitor connected via HDMI loop-out port?**
 - Ensure that the signal source, monitor model, and HDMI cable all support HDMI 2.1.
 - For gaming PCs, make sure the GPU is NVIDIA RTX3000 series, AMD RX6000 series, or higher.
 - Check the screen settings and try switching to "Computer Mode" (4K@144Hz).

Notes

- If not in use for prolonged periods, please disconnect it from all the external devices.
- Do not throw or drop the product or subject it to strong physical shock.
- Do not dismantle or fix the product by yourself, please contact UGREEN after-sales service if necessary.
- Please do not leave the product in extreme temperature or moist, dusty environments.
- Please dispose of the product in accordance with local laws and regulations. Do not dispose of it as household waste.
- Keep out of the reach of children.

Package Contents

- 1×HDMI Video Capture Card
- 1×HDMI Cable
- 1×USB Cable
- 1×User Manual
- 1×OBS Studio Quick Start Guide

HDMI™

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