

iSwitch UVC03K (v2)

4K60 HDMI to USB 3.0 Video Capture

User Manual V1.0





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STATEMENT

Read this user manual carefully before using this product. Pictures shown in this manual are for reference only, different model and specifications are subject to real product. This manual is for operation instruction only, not for any maintenance usage. The functions described in this version are updated till Aug 2026. In the constant effort to improve our product, we reserve the right to make functions or parameters changes without notice or obligation. Please refer to the dealers for the latest details.

SAFETY PRECAUTION

To ensure the best from the product, please read all instructions carefully before using the device. Save this manual for further reference.

- Follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- Do not dismantle the housing or modify the module to avoid electrical shock or burn.
- Using supplies or parts not meeting the products' specifications may cause damage, deterioration or malfunction.
- Do not expose the unit to rain, moisture or install this product near water.
- Install the device in a place with fine ventilation.
- Do not twist or pull by force ends of the optical cable. It can cause malfunction.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.
- Unplug the power cord when left unused for a long period of time.
- Refer all servicing to qualified service personnel.

CUSTOMER SERVICE

We provide limited warranty for the product within **three years** counting from the first day you buy this product (The purchase invoice shall prevail).



The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

1. INTRODUCTION

The **iSwitch UVC03K** (v2) is a small-size HDMI 2.0 to USB3.0 audio/video capture device. It supports audio embedding and de-embedding, audio/video loop-through monitoring, single audio input capture, and composite audio/video input capture modes.

2. FEATURES

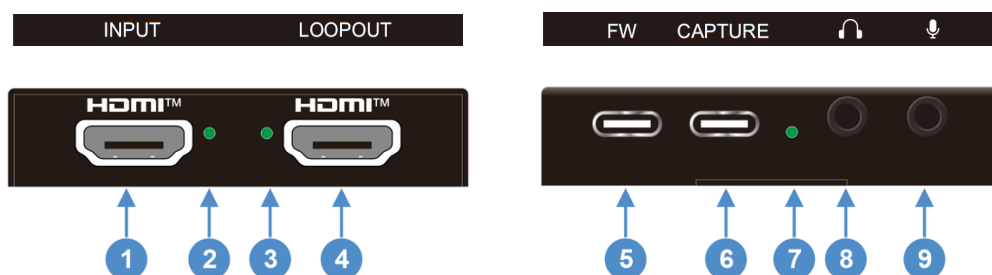
- Capture video & audio from HDMI sources.
- Video resolution up to 4K@60Hz 4:4:4.
- HDMI loop output up to 4K@60Hz 4:4:4.
- Capture video up to 4K@60Hz 4:2:0 via USB-C.
- Compatible with multiple third-party applications.
- Supports OBS, VLC, PotPlayer, YouTube, QuickTime.
- Supports microphone input & headphone output.
- Powered by USB-C, no external PSU required.

3. PACKAGE LIST

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact your distributor for a replacement.

- 1x iSwitch UVC03K
- 4x Plastic Cushions
- 1x User Manual
- 1x 1m USB cable, 5Gbps, USB-C to USB-C

4. PANEL DESCRIPTION



- ① HDMI IN: Connect to HDMI source.
- ② INPUT LED: Illuminates green when HDMI signal input. Not Illuminates when no HDMI signal input.
- ③ LOOPOUT LED: Illuminates green when HDMI signal output. Not Illuminates when no HDMI signal output.
- ④ LOOPOUT: Connect to HDMI display.
- ⑤ FW: Firmware upgrade.
- ⑥ CAPTURE: Connects to laptop, pc and other recording device.
- ⑦ CAPTURE LED: Illuminates green when the capture is active or not illuminate.
- ⑧ Headphone: 1x3.5mm headphone audio output jack.
- ⑨ Microphone: 1x3.5mm microphone audio jack.

5. SPECIFICATION

Video	
Input	1x HDMI2.0
Input connector	1x 19-pin type-A female HDMI 2.0,4K@60Hz 4:4:4
Output	1x HDMI2.0
Output connector	1x 19-pin type-A female HDMI 2.0,4K@60Hz 4:4:4
HDMI Input Resolution	Up to 4K@60Hz 4:4:4 8bit
LOOPOUT Resolution	Up to 4K@60Hz 4:4:4 8bit
HDMI Audio Format	PCM 2.0
Capture	1x USB-C 3.0
Output connector	1x TYPE-C 5Gbps
Video Capture Format	Up to 4K@60Hz 4:2:0
Compatible Media Player	OBS, PotPlayer, VLC and so on.
OS Support	Windows, MacOS X, Linux.
USB Output Color Space	YUY2, RGB24 and NV12
Audio	
Input	1x Microphone

Input connector	1x 3.5mm microphone audio jack
Output	1x Headphone
Output connector	1x 3.5mm headphone audio output jack
Microphone Audio Format	PCM2.0
Headphone Audio Format	PCM2.0
General	
Operation Temperature	-5~ +55°C
Storage Temperature	-25 ~ +70°C
Relative Humidity	10% ~ 90%
Power supply	DC 5V
Dimension (W*H*D)	102mm x 61mm x 13mm
Raw Materials	Iron

6. DIAGRAM

