

ANDYCINE

UVC to HDMI Instruction

(UVC2H)

Note:UVC refers to USB cameras or devices that output video via USB

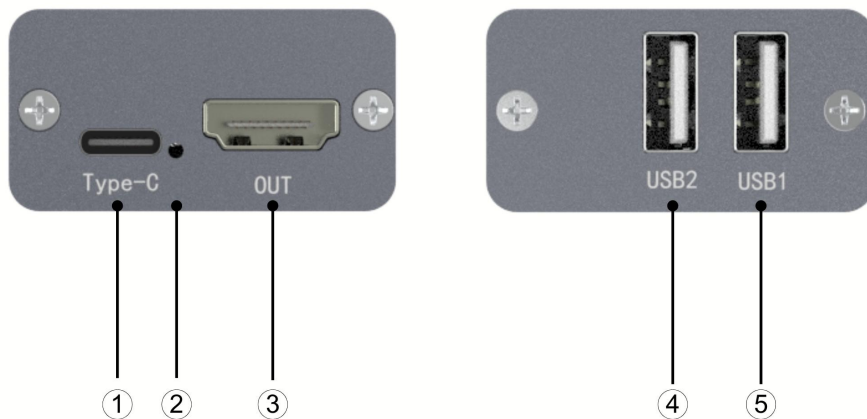
1. Product Introduction

This UVC to HDMI converter converts video signals from UVC-compliant USB cameras into standard HDMI output signals, compatible with monitors, televisions, large screens, broadcast equipment, video transmitters, HDMI capture cards and all other devices requiring HDMI input.

Key Features

- Powers and charges your camera simultaneously to prolong shooting runtime
- Supports connection of a USB mouse to configure adjustable parameters including output resolution, audio routing, color saturation and more
- Widely compatible with mainstream USB cameras: DJI Pocket 3, DJI Action 4, DJI Action 5, Insta360 X3, Insta360 X5, Logitech USB webcams, Hikvision USB cameras, and numerous other UVC camera models

2.Product Interface



- | | |
|---------------------------|---------------------------|
| ① Type-C power port 5V/2A | ④ UVC or Mouse Connection |
| ② Indicator light | ⑤ UVC or Mouse Connection |
| ③ HDMI Output | |

Indicator Light Status Explanation:

1.Blue light flashes once every 2 seconds: No HDMI, USB1, or USB2 devices connected

2. Blue light flashes once every second: Camera connected but no HDMI display connected
3. Blue light flashes every 300ms: HDMI connected, but no camera detected
4. Steady blue light: All connections functioning properly

3. Application Scenarios

3.1 Connection to Monitors / TVs

- Plug your UVC camera's USB cable into either the USB1 or USB2 port on the converter
- Connect one end of an HDMI cable to the HDMI OUT port, and the other end to your monitor or TV HDMI input
- Insert a Type-C power cable into the Type-C port to supply power to the converter

3.2 Connection to Video Transmission Equipment

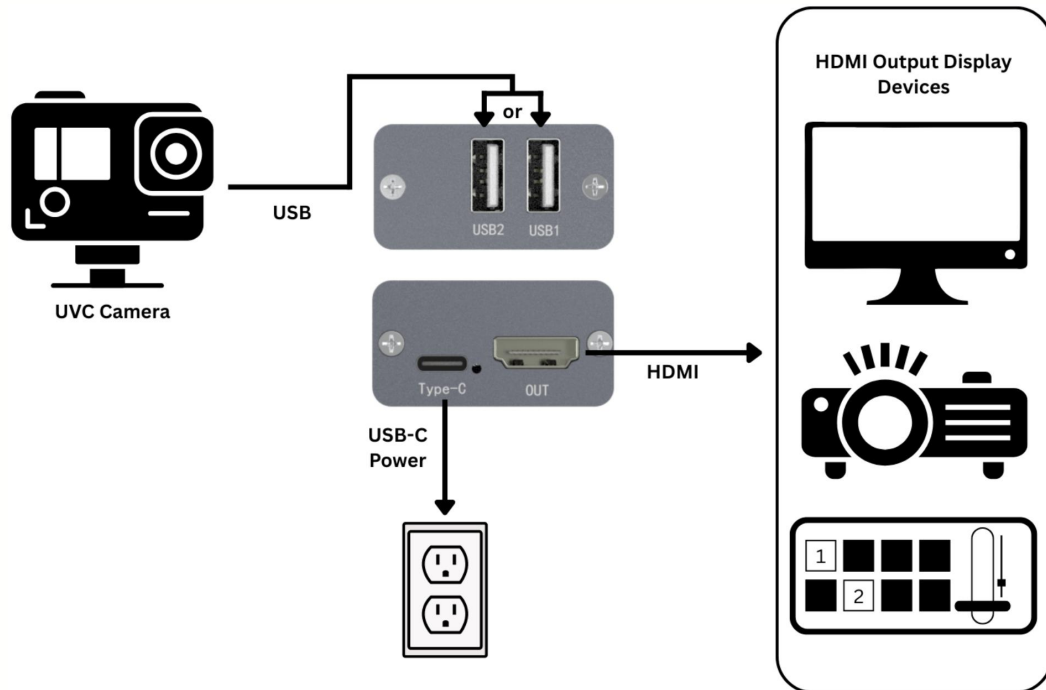
- Plug your UVC camera's USB cable into USB1 or USB2
- Run an HDMI cable from the converter's HDMI OUT port to your video transmitter
- Power the converter via the Type-C port
- Link the receiving end of the video transmission system to your monitor or broadcast equipment for real-time viewing

3.3 Connection to Video Switchers

- Connect the UVC camera to USB1/USB2
- Route an HDMI cable from HDMI OUT to the HDMI input port of your video switcher
- Power the converter through the Type-C interface

3.4 Connection to HDMI Capture Cards

- Insert your UVC camera into USB1 or USB2
- Connect HDMI OUT to the input port of your HDMI capture card via an HDMI cable
- Supply power to the converter using a Type-C charging cable



4. Video Parameter Configuration

- Plug a USB mouse into any spare USB port and connect an HDMI display to the converter. You may adjust the following video output settings via the on-screen menu:
- Output resolution
- Portrait (vertical) screen mode
- Image rotation
- Color calibration & additional display parameters

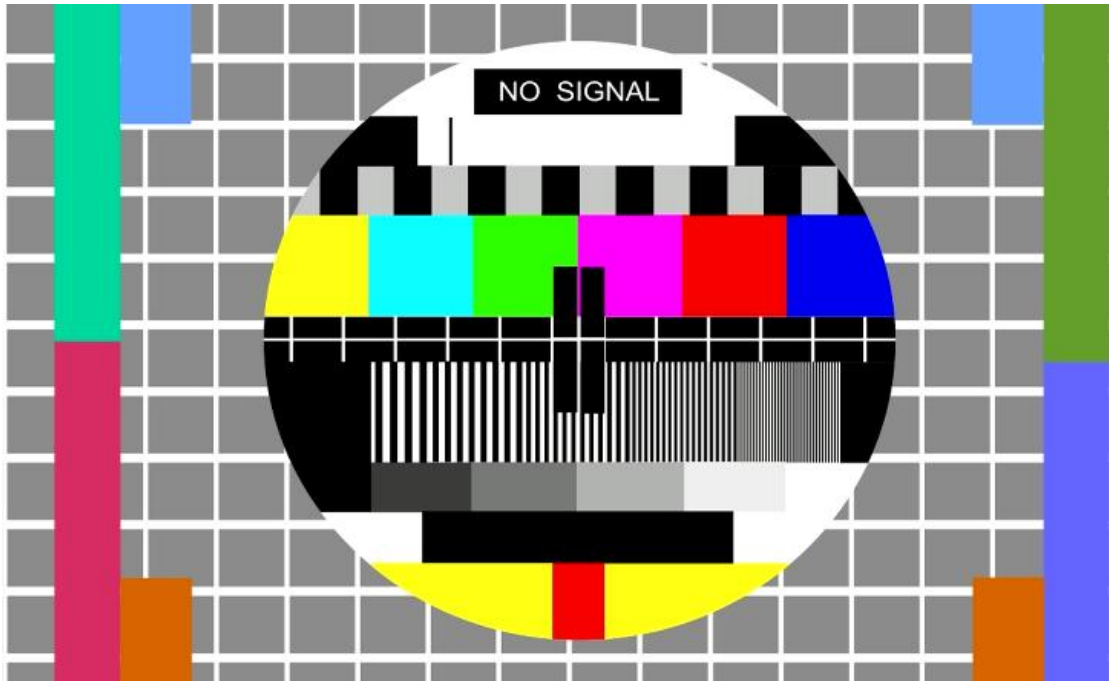
5. Firmware Upgrade Instructions

- Copy the complete firmware upgrade file (do not unzip/extract the file) onto a blank USB flash drive
- Insert the USB flash drive into any USB port on the converter
- Power on the device and wait roughly 5 minutes for the automatic firmware upgrade to finish
- Important Precautions
- Never cut power to the device or unplug the USB flash drive during the upgrade process
- After the upgrade completes, use the connected USB mouse to check the updated firmware version number displayed at the bottom-left corner of the settings menu
- Once you confirm the version has been successfully updated, you may safely remove the USB flash drive

6. Troubleshooting

6.1. No Signal on Display

- This issue means the device fails to receive video input from your camera
- Confirm you are using the official bundled data cable to connect your camera (e.g. PK3 camera) to the converter
- If you are using a third-party aftermarket cable, replace it with the original cable included in our product package



6.2 Blank / Black Screen on Display or Capture Card

If the screen remains black after powering on all devices:

- Ensure the HDMI cable is plugged into the HDMI input (HDMI IN) port of your monitor or capture card, not the HDMI output (HDMI OUT) port of a computer host

6.3 Persistent Unresolved Black Screen

- Disconnect all peripheral cables except the Type-C power cable
- Check the LED indicator status:
 - Flashing blue LED: The device has booted up successfully
 - No LED illumination: Hardware/system fault detected
- For either scenario above, please contact our customer support team for further technical assistance