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RGBlink
TAO 1tiny Converter

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Specifications

- **Dimensions:** 9x5x3cm
- **Input:** USB Type C
- **Output:** HDMI 2.0
- **Resolution Support:** Up to 4K
- **Power Requirement:** 5V/2A/10W

Product Usage Instructions

- TAO 1tiny supports USB 3.0 (UVC compliance) to HDMI 2.0 output. It can work with a USB camera and mini-series.
- Connect the Power Port with the power supply.
- Connect USB-C Input Port with USB Camera via a USB-C cable. (TAO 1tiny can supply power to USB camera: 5V/1A)
- Connect HDMI 2.0 Output Port with monitor via HDMI cable.
- Connect the Power Port of TAO 1tiny with the power supply.
- Connect mini-pro with USB-C Input Port via USB 3.0 to USB-C cable.
- Connect HDMI 2.0 Output Port with monitor via HDMI cable.
- TAO 1tiny can be upgraded via a USB disk. The device will auto-upgrade after plugging the USB disk (including the latest upgrade firmware) into the USB 2.0 port. The device will auto-restart after the upgrade, and you can find a file of the upgrade done in the USB disk.
  Besides, the HDMI monitor will show the messages of Upgrade Done and Upgrade version.

Note: Do not disconnect the device during the firmware upgrade.

FAQ

- **Q:** What products are compatible with TAO 1tiny?
- **A:** TAO 1tiny is compatible with products such as RGB link, Blackmagic Design, OBSBOT, Insta360, Logitech, DJI, Yealink, and various models including mini, mini-pro, mini-edge, mini-mx, vue PTZ, ATEM mini, ATEM mini-pro, ATEM mini-pro ISO, tiny 2K, tiny 4K, meet 2K, meet 4K, X3, link UHD 4K, AI 4K Pro, Brio 300, Brio

505, C920s HD Pro, StreamCam, Osmo Action 4, Pocket 3, and UVC86.

- **Q:** What is the warranty policy for TAO 1tiny?
- **A:** Your complete satisfaction is our goal. If you encounter any issues, please contact our team promptly to obtain after-sale service. For warranty queries, you can reach out to our headquarters in Xiamen, China via phone or email listed in the manual.
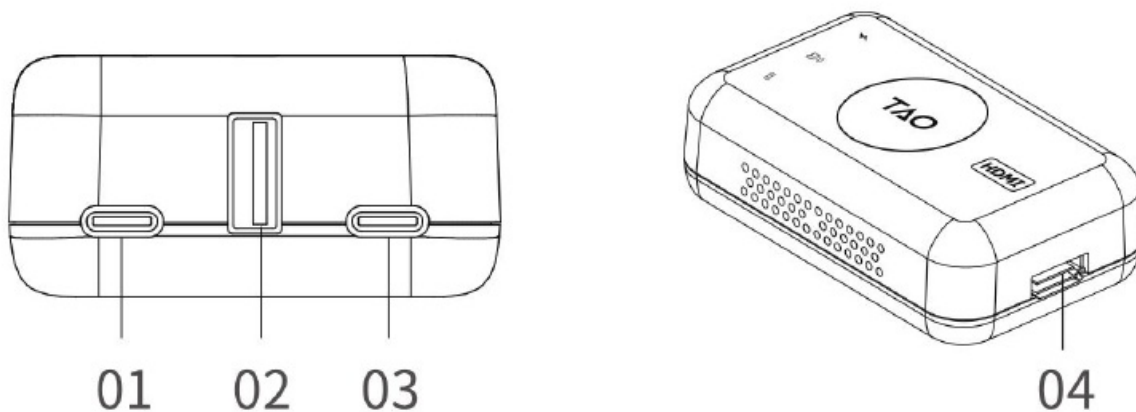
Overview

About TAO 1tiny
TAO 1tiny is the essential accessory for compact webcam and ePTZ camera users, enabling those cameras to become HDMI native devices connectable almost anywhere.
This tiny inline convertor- measuring at just 9x5x3cm, provides HDMI connectivity for cameras and similar USB-C UVC capture devices, supporting popular VESA standard resolutions up to 4K Video transcoded to HDMI is uncompressed with full fidelity maintained for superior visual performance.

Parts Info

1. Type C Power Port
2. USB 2.0 COM Port
3. USB Type C Input Port
4. HDMI 2.0 Output Port

Note

1. If the input UVC signal is 4K@30 and the HDMI OUT connecting to 4K monitor, the output resolution is up to 4K@60.
2. The power of the Adapter is not less than:5V/2A/10W; Do not use the USB port of the computer for the power supply.

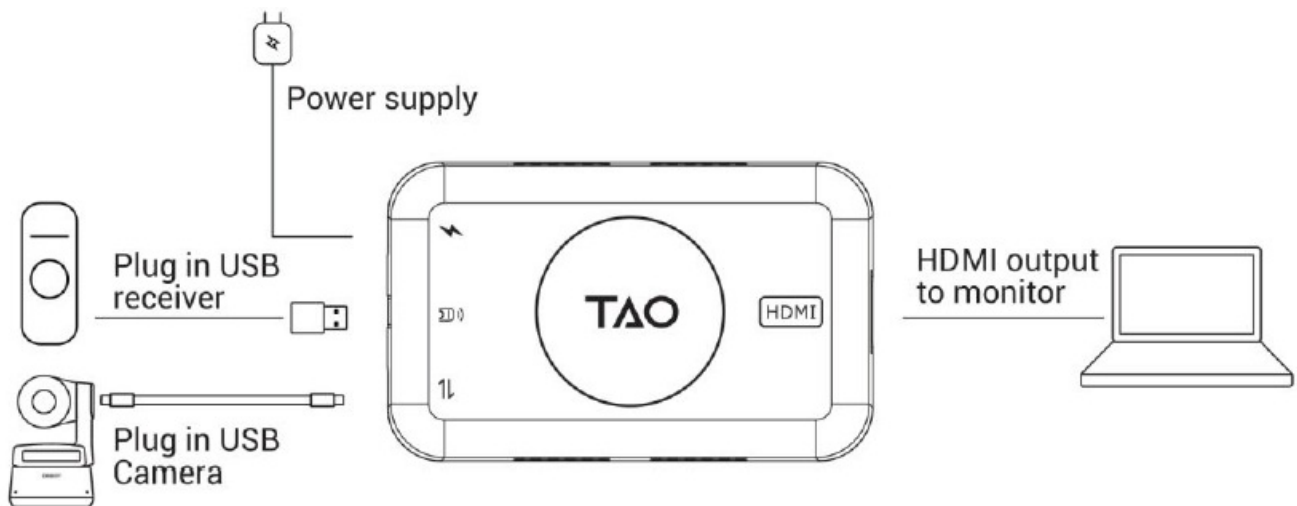## Connecting TAO 1tiny

Installing TAO 1tiny

- TAO 1tiny supports USB 3.0 (UVC compliance) to HDMI 2.0 output. It can work with a USB camera and mini-series.

How to Work With USB Camera

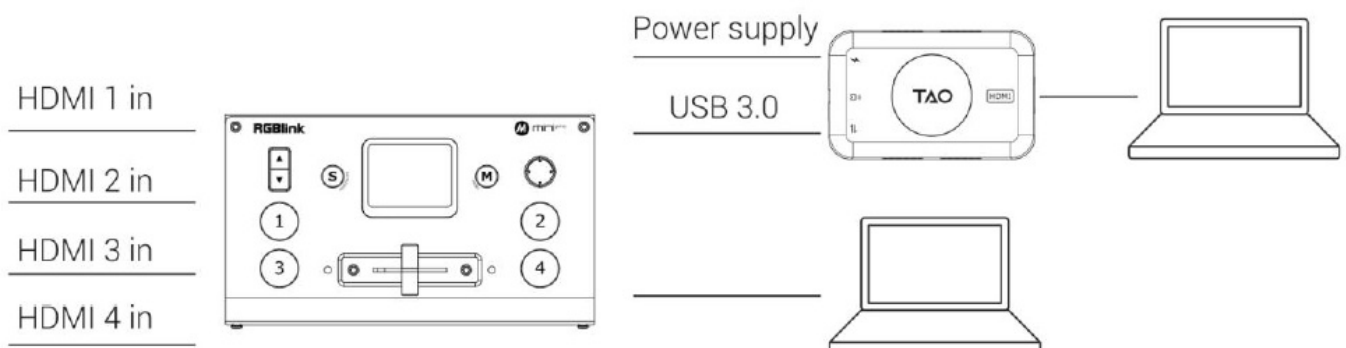Please operate as shown in the following figure:

1. Connecting Power Port with power supply.
2. Connecting USB-C Input Port with USB Camera via USB-C cable.(TAO 1tiny can supply power to USB camera:5V/1A)
3. Connecting HDMI 2.0 Output Port with monitor via HDMI cable.
   - If necessary, you can plug in USB Receiver into the USB 2.0 Port to control the USB camera via remote control.
   - The interval of rebooting needs to be greater than 30 seconds, or it may fail to be recognized.

How to Work with Mini-Series

Please operate as shown in the following figure:

1. Connecting the Power Port of TAO 1tiny with the power supply.
2. Connecting mini-pro with USB-C Input Port via USB 3.0 to USB-C cable.
3. Connecting HDMI 2.0 Output Port with monitor via HDMI cable.

Firmware Upgrade

TAO 1tiny can be upgraded via a USB disk. The device will auto-upgrade after plugging the USB disk(including the latest upgrade firmware) to the USB 2.0 port. The device will auto-restart after the upgrade and you can find a file of the upgrade done in the USB disk. Besides, the HDMI monitor will show the message of "Upgrade Done" and upgrade version.

Do not disconnect the device during the firmware upgrade.

Content is subject to change without notice. Users can download the latest Manual Book on **www.rgblink.com**

Compatibility Tested

TAO 1tiny is compatible with the products listed below.

RGBlink	mini,mini-pro,mini-edge,mini-mx,vue PTZ 2K
Blackmagic Design	ATEM mini,ATEM mini-pro,ATEM mini-pro ISO
OBSBOT	tiny 2K,tiny 4K,meet 2K,meet 4K
Insta360	X3, link UHD 4K AI
Logitech	4K Pro,Brio 300,Brio 505,C920s HD Pro,StreamCam
DJI	Osmo Action 4, Pocket 3
Yealink	UVC86

Warranty

All products are designed and tested to the highest quality standard and backed by 1 years parts and labor warranty. Warranties are effective upon delivery date to the customer and are non-transferable. RGBlink warranties are only valid to the original purchase/owner. Warranty-related repairs include parts and labor but do not include faults resulting from user negligence, special modification, lighting strikes, abuse(drop/crush), and/or other unusual damages. Warranty is returned to base. Return for repairs are accepted only where shipping charges are prepaid.
Your complete satisfaction is our goal.
According to the after-sale service, please contact our team as soon as possible after the failure occurs to obtain the corresponding after-sale service.

CONTACT

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Documents / Resources

TAO 1tiny User Manual RGBlink	**RGBlink TAO 1tiny Converter** [pdf] User Manual TAO 1tiny, TAO 1tiny Converter, TAO 1tiny, Converter

References

- **User Manual**