

DVDO-USB3.2-Capture-Pro

8K HDMI to USB 3.2 Gen 1 Capture Dongle with HDMI Loop Out and Separate Audio Input & Output



DVDO-USB3.2-Capture-Pro delivers superior performance and broad compatibility in a compact, easy-to-deploy form factor. The device captures HDMI video signals at resolutions up to 8K@60Hz and 4K@144Hz, providing high-quality ingest for professional production, streaming, gaming, and AV applications.

The unit supports microphone and line-level audio inputs, line-level output, and is fully compatible with HDMI digital audio mixing and capture. With a USB 3.2 Gen 1 interface offering data transfer rates up to 5 Gbps, it ensures stable, low-latency transmission to PCs and connected systems.

Designed for maximum interoperability, the product conforms to UVC (USB Video Class) and UAC (USB Audio Class) standards. Installation is effortless—simply plug and play with no drivers or software setup required.

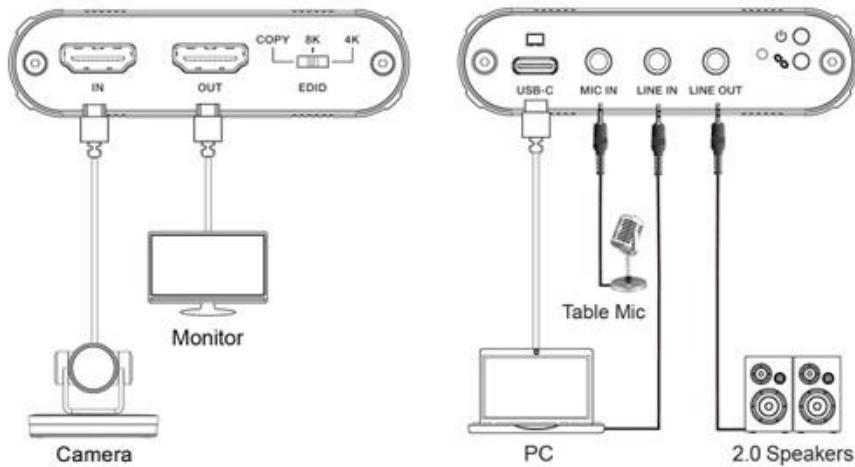
Features

- HDMI video and audio streams over USB 3.2 Gen 1
- Supports HDMI input & loop-out up to 8K@60Hz, 4K2K@144Hz with HDR
- Captures 4K60fps, 2560x1440@144fps with uncompressed quality
- Mix HDMI mic and line-in audio with precision to output via 3.5mm analog output ports and USB capturing port
- Works on multiple operation system platforms (Windows 7/10/11, Mac OS and Linux OS)
- Compatible with USB 3.2 Gen 1, transmission rate up to 5Gbps
- Compatible with OBS, Streamlabs, Vmix, Zoom, Microsoft Teams, and more
- Supports YUY2, NV12, I420, MJPEG video capture format
- Simple plug and play, no driver download and installation setting required

Applications

- Education	- Houses of Worship
- Healthcare	- Courtrooms
- Broadcasting	- Live events
- Video Conferencing	- Hospitality

Application Diagram



Technical Specifications

Technical	
Compliance	HDMI 2.1 / HDCP 2.3
Video Resolution	Up to 8K@60Hz, 4K2K@144Hz (input & output)
Bandwidth	Video: 48Gbps / USB: 5Gbps
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	8/10/12-bit
HDMI Audio Formats	Channels: 8 max / Sampling rate (kHz): 32, 44.1, 48, 88.2, 96, 176.4, 192 Bitstream: Standard & High Definition
USB Audio Formats	Channels: 2 max / Sampling rate (kHz): 44.1, 48 / Bitstream: None
HDR	HDR, HDR10, HDR10+, Dolby Vision, HLG
Connectivity	
Inputs	1 x HDMI [Type A 19-pin female] 1 x MIC IN [3.5mm audio jack] 1 x LINE IN [3.5mm audio jack]
Outputs	1 x HDMI [Type A 19-pin female] 1 x LINE OUT [3.5mm audio jack] 1 x USB-C [USB Type C, 12 pin female]
Mechanical	
Enclosure	Silver Aluminum
Temperature	Operating: 0°C to 40°C (32°F to 104°F) / Storage: -20°C to 60°C (-4°F to 140°F)
Humidity	Operating: 20% to 80% / Storage: 10% to 90% (non-condensing)
Power Supply	USB power supply
Power Consumption	5.8W (Max)
Device Dimensions	114 x 82 x 22mm (W x D x H)
Product Weight	180g