

Overview:

The HDMI to USB 3.0 Video Capture & Streamer, with Audio (500467) allows the user to record from HDMI video sources to a PC over USB 3.1 Gen 1 (USB 3.0). The unit supports an HDMI In port for the source and HDMI Loop Out for a monitor. The 500467 is capable of connecting to a 4K/60 source and will stream at up to 1080p/60 over the USB 3.1 Gen 1 port to a PC or similar device to record and/or send the video to a broadcasting service such as YouTube, Facebook, and other broadcasting services. The device is compatible with OBS Studio, AMCap, etc., and supports a variety of HDMI sources such as Cameras, Game Consoles, Media Players, and many others.

The unit supports an Audio In port for a microphone which is automatically mixed with the HDMI audio, and an Audio Out port for headphones or active speakers.

Applications:

- Home video recording
- Video game capture
- Security and traffic video recording
- Education/classroom systems
- Broadcasting to YouTube and Facebook



Key Features:

- Capture video at up to 4K/60, and stream via USB 3.1 Gen 1 (USB 3.0) to a PC at up to 1080p/60
- Supports UVC 1.0
- Supports downscaling from 4K/60 to 1080p/60
- HDMI Loop Out port to connect to a display
- Supports H.264 compression
- Auto detects video format
- Audio In for a microphone, and Audio Out for headphones or active speakers
- Microphone & source audio mixing
- Supports Windows 7/8.1/10, Mac and Linux OS
- Compatible with OBS Studio, AMCap, etc.
- Record from HDMI sources such as Cameras, Game Consoles, Media Players, etc.

Environment	HDMI 1.3, UVC1.0
Devices	Cameras, Computers, Game Consoles, Media Players and other HDMI sources
Transmission	Transparent to the user
Bandwidth	Up to 350 Mbps (over USB)
Signals	HDMI 1.3 protocol, UVC1.0
Connectors	Two (2) HDMI receptacles (HDMI IN and HDMI Loop Out). One (1) USB 3.1 Gen 1 (USB 3.0) Type A Connector (for Streaming to a PC). Two (2) 3.5mm jacks for Microphone and Headphone.
<i>Cables not included.</i>	
Source Resolution	From 640x480 to 4K @ 60Hz (4:4:4)
Recording Resolution	Up to 1080P @ 60Hz
Video Coding Format	H.264 (Video)
Audio Signal	2 channel 16bit PCM (via HDMI input interface) and 3.5mm 2 channel analog audio input
Power Supply	One (1) 110-240V/5VDC @ 2A power supply
Consumption	3W (max)
Temperature	Operating: 0° to 40°C Storage: -20° to 60°C Humidity: 20 to 90% non-condensing
Enclosure	Metal
Unit Dimensions	4.06" x 2.80" x 0.63" (103 x 71 x 16 mm)
Shipping Weight	0.837 lbs (0.380 kg)
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0
Warranty	2 year
Order Information	500467 HDMI to USB 3.0 Video Capture & Streamer, with Audio (UPC Code: 627699004678)

Typical Application

