

Overview:

The SDI to USB 3.0 Video Capture & Streamer, with Audio In (500705) allows the user to record from SDI video sources to a PC over USB 3.1 Gen 1 (USB 3.0). The unit supports an SDI Input port for the source and SDI Loop Out for a monitor. The 500705 is capable of connecting to a 3G/HD/SD-SDI (1080p @ 60Hz) 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 SDI sources such as Cameras, Computers, Media Players, and many others.

The SDI to USB 3.0 Video Capture & Streamer, with Audio In supports a 2CH Audio In port for a microphone. The Audio streamed can be selected between the embedded SDI Audio or the 2CH Audio In port.

Applications:

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



Key Features:

- Capture video up to 3G/HD/SD-SDI (1080p @ 60Hz), and stream video via USB 3.1 Gen 1 (USB 3.0) to a PC at up to 1080p/60
- Supports UVC1.0
- SDI Loop Out port to connect to a display
- Supports H.264 compression
- Auto detects video format
- 2CH Audio In port for a microphone
- Supports Windows 7/8.1/10, Mac and Linus OS
- Compatible with OBS Studio, AMCap, etc.
- Record from SDI sources such as Cameras, Computers, Media Players, etc.

Environment	3G/HD/SD-SDI
Devices	Cameras, Computers, Media Players and other SDI sources
Transmission	Transparent to the user
Bandwidth	Up to 350 Mbps (over USB)
Signals	3G/HD/SD-SDI protocol
Connectors	Two (2) SDI receptacles (SDI IN and SDI Loop Out). One (1) USB 3.1 Gen 1 (USB 3.0) Type A Connector (for Streaming to a PC). <i>Cables not included.</i> One (1) 3.5mm jacks for Microphone
Supported Resolution	3G/HD/SD-SDI
Recording Resolution	Up to 1080P @ 60Hz
Audio Signal	2 channel 16bit PCM (via SDI input interface) and 3.5mm 2 channel analog audio input
Video Coding Format	H.264 (Video)
Power Supply	Via USB
Consumption	4W (max)
Temperature	Operating: 0° to 40°C Storage: -20° to 60°C Humidity: 20 to 90% non-condensing
Enclosure	Metal
Unit Dimensions	4.1" x 2.7" x 0.9" (105 x 68 x 24 mm)
Shipping Weight	0.88 lbs (0.40 kg)
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0
Warranty	2 year
Order Information	500705 SDI to USB 3.0 Video Capture & Streamer, with Audio In (UPC Code: 627699007051)

Typical Application

