

BG-CSA

**USB 3.1 Gen 1 3G-SDI Capture Device
with Scaler and Audio**

The BG-CSA is a 3G/HD/SD-SDI capture device. When you need to record or stream any SDI source (like video camera or video mixer output) on your PC - this device will do the job.

It supports any resolutions up to 1080P at 60fps on USB 3.0/3.1 ports. Built-in scaler gives you more flexibility for the capturing video format. Large volume image buffer ensures smooth uninterrupted video capture.

Using 3.5mm stereo audio input you can switch to the external mic or other audio signal and embed it into the video stream.

**FEATURES**

- Crystal clear image with resolutions up to up to 1080p@60Hz.
- Loop Output - Allows uncompressed signal pass-thru for displays
- Portable - Ideal for recording in the field or on the go
- Audio Input - Embed audio from microphone or other source
- USB 3.1 - Delivers power and captures 3G-SDI signal
- Compatibility - Mac OS or Windows, wide array of third-party applications



Specifications

Technical

Max. Data Rate: 350 Mbps

UAC Video Output Resolution: SMPTE 424M-2.97 Gbps, 3G-SDI: 1080p at 50/59.94/60 Hz (4:2:2); SMPTE 274M-1.485 Gbps, HD-SDI: 1080p at 23.98, 24, 25, 29.97, 30 Hz, 1080i at 50, 59.94, 60 Hz; SMPTE 292M-1.485 Gbps, HD-SDI: 1080i at 30 Hz, 720p at 60 Hz; SMPTE 296M-1.485 Gbps, HD-SDI: 720p at 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 Hz; SMPTE 259M-270 Mbps, SD-SDI: NTSC 525 at 59.94 Hz, PAL 625 at 50 Hz

UAC Audio Output Format: Stereo / 16-bit / 48000Hz

Recording Video Format: YUY2 (USB3.1 Gen 1), MJPG (USB2.0/3.1 Gen 1)

Audio Input: SDI Embedded Audio; 3.5mm Analog Stereo Audio

Operating System Compatibility: Windows 7, 8, 10, Mac OS X 10.9 or above, Linux

3rd-Party Software Compatibility: OBS Studio (Windows, Linux)/ AMCap (Windows); PotPlayer (Windows)/ Skype; (Windows, OS X)

Hangout (Windows)/ TeamViewer (Windows)

Hardware Requirements: Desktop: Intel Core i5-3400+NVIDIA GTX660 or higher; Notebook: Intel Core i7-4810MQ+NVIDIA GTX870M or higher+4GB RAM or higher

ESD Protection: 8 KV - Contact Discharge; 15KV - Air Discharge

Mechanical

Housing Design: Aluminum

Casing Style: Portable

Power Connection: Micro-USB Port

Power Supply: 5V DC, 1A

Power Consumption: 4 watts (Max)

Operating Humidity: 20-90% RH (no condensation)

Operation temperature: 32-104°F / 0-40°C

Product Weight: 0.3 lbs [135g]

Package Weight: 0.6 lbs [270g]

Certifications: CE, FCC, RoHS

Industry-Leading Warranty & Support

BZBGear Pro AV products and Cameras come with a three-year warranty. An extended two-year warranty is available for our Cameras upon registration for a total of five years.

We pride ourselves in our Customer Service and seven-days-a-week Tech Support.

