The BG-4KCH is a 4K capture device that enables users to capture a video signal from any HDMI source and transfer it to a computer via USB-C for recording or streaming. With this conveniently sized unit, video signals from devices like gaming consoles, cameras, computers, and media players can be captured in pristine 4K quality.

This video capture device supports video resolutions up to 4K2K@30Hz. It supports USB 3.1 Gen 1 (RGB/YUY2/NV12) as well as USB 2.0 (YUY2/NV12). The USB 2.0 connection supports a max resolution of 720p@30Hz. HDMI audio is supported in 2CH 16-bit PCM format.

FEATURES

• Capture resolutions up to 4K@30Hz

• USB 3.1 Gen 1 (RGB/YUY2/NV12)

• Ideal for recording in the field or on the go

• Plug and Play - no setup required

• Works with Windows 7 and up, Mac OS, and Linux)

• Compatible with most 3rd party software including YouTube, Twitch, Facebook, OBS Studio, and Zoom

• Low Latency (3-4ms at 1080P)

• Supports UVC1.0/1.1/1.5

• Recording Video Format: Software Compression
**Specifications**

**Technical**
- Role of usage: Video Capture Device
- Input Video bandwidth: 297MHz
- Output Video bandwidth: Up to 350Mbps (USB-C)
- Video support (USB-C): Up to 4K2K@30
- Audio Input: HDMI Embedded Audio
- Audio Format: 2CH 16bit PCM
- Recording Mode: Software Compression
- Recording Video Format: RGB/YUY2/NV12 (USB3.1 Gen 1), YUY2/NV12 (USB2.0)
- ESD protection: Human body model: 315kV (air-gap discharge) & 38kV (contact discharge)
- PCB stack-up: 4-layer board (impedance control — differential 100Ω; single 50Ω)
- Firmware update: Via USB-C Port
- Input: 1x HDMI
- Output: 1x USB-C
- HDMI connector: Type A [19-pin female]
- USB connector: USB 3.1 Type C (SuperSpeed USB)
- Software compatibility (not complete list): OBS Studio (Windows, Linux, MAC), Potplayer (Windows), VLC (MAC, Linux), AMCap (Windows), XSplit Boardcast (Windows), Skype (Windows, MAC), Zoom (Windows), Hangout (Windows), TeamViewer (Windows)
- OS Support: Windows 7 /8.1 /10, Mac and Linux OS

**Mechanical**
- Housing: Metal enclosure
- Dimensions (L x W x H): Model: 3” x 1.5” x 0.7” [77 x 38 x 19mm]; Package: 6.4” x 4.4” x 1.7” [165 x 111 x 42mm]; Carton: 1’6” x 1’4” x 13.8” [490 x 426 x 352mm]
- Weight: Model: 2 oz [58g]; Package: 5 oz [142g]
- Power supply: Via USB-C
- Power consumption: 3 Watts (max)
- Operation temperature: 32-104°F / 0-40°C
- Storage temperature: -4-140°F / -20-60°C
- Relative humidity: 20-90% RH (no condensation)

**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.