

## BG-CYCLOPS-4K

INTELLIGENT 4K UHD ALL-IN-ONE AUTO TRACKING  
VIDEO BAR WITH HDMI/USB-C AND 20W  
SPEAKERS/6-MEMS MICROPHONES

The BG-Cyclops-4K's all-in-one design consolidates several devices into one streamlined, user-oriented video conferencing solution.

With a powerful 4K UHD camera and high-end 0.8M CMOS sensor, the BG-Cyclops-4K captures pristine lifelike images. The advanced auto-tracking functionality is bolstered by facial recognition software. The distortion-less 120° wide angle lens automatically tailors the image size based on the number of participants in the frame, eliminating the need to manually adjust the camera before each meeting.

The BG-Cyclops-4K's built-in dual 10W studio speaker ensures every participant can hear and be heard clearly. The sophisticated 6 MEMS microphone array features voice localization and tracking that detects the presenter's position in real time and locks in for a focused shot, removing any confusion as to who is currently speaking.

Complete with a privacy cover, the BG-Cyclops-4K automatically shields the lens when no output device or software is detected for and security and comfort.



## FEATURES



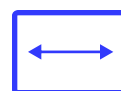
### CRYSTAL CLEAR IMAGES

Stunning image quality at 4K2K



### AUTOMATIC PRIVACY COVER

Camera lens cover automatically closes when there is no output stream detected



### WIDE ANGLE LENS

120° wide angle lens ensures every participant is captured in frame



### 6 MICROPHONES

Multiple microphones enable the current speaker to be tracked in real time up to 6 meters



### AUTO FRAMING

Face detection algorithm automatically detects participants to provide the optimal shot



### COMPATIBLE

Works with Windows, Mac OS, and major conferencing software such as Zoom, Skype, etc.



TECH SPECIFICATIONS

Camera

Lens	FOV: 120°(D) / 106°(H) / 72°(V) Iris: F2.0 Focal Length: 1.89mm
Sensor	High quality CMOS sensor, effective pixel 8 million, 16:9
Image	Minimum Illumination: 0.5Lux DNR: 2D & 3D Focus: Auto/Manual BLC: On/Off Exposure: Parameter can be adjusted, and AE (Auto Exposure) is available Video Adjustment: Brightness, sharpness, saturation, contrast, white balance, gain, anti-flicker, low brightness compensation and other parameters can be adjusted SNR: ≥50dB
Video Format	HDMI: 4KP30,1080P60 compatible downward USB: 4KP30,1080P60 compatible downward
Video Compression Format	MJPEG, YUY2, H.264, H.265, NV12
Privacy Cover	Automatic privacy cover will close when no image output and open when there are image output.

Audio

Microphone	Microphone: 6 X MEMS Microphones Pickup Distance: 6 meters Frequency Response: 120 Hz - 16 kHz
Speaker	Speaker: Built in dual speaker Voltage: 2x10W Output Voice Pressure: 80±3 dB 1.0M/1.0W Frequency Response: 100 Hz - 20 KHz
Audio Processing	AEC, AGC, ANS
Speaker Tracking	Track each speaker in real time, and ensure that the speaker is in the center of the screen.
Remote Control	Remote Control Infrared remote control
AI Function	Group Framing Automatically adjust the screen size according to the number of participants to present the best framing Speaker Tracking Track each speaker in real time, and ensure that the speaker is in the center of the screen.

Limited Product Warranty Terms

**Pro Line:** 5-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

**Essential Line:** 3-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

**Cables:** Lifetime Limited Product Warranty.

For complete warranty information, please visit [bzbgear.com/warranty](https://www.bzbgear.com/warranty).  
For questions, please call 1.888.499.9906 or email [support@bzbgear.com](mailto:support@bzbgear.com).

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**LIFETIME WARRANTY**



## TECH SPECIFICATIONS

### Physical Interfaces

USB		USB3.0 audio video output interface, Type C Support UVC1.1, UAC1.0 and higher
HDMI		HDMI video output interface HDMI also compatible with HDMI2.0 standard
LINE IN		3.5mm audio line input interface (when an external pickup is connected, the audio input is automatically switched to the external pickup)
LINE OUT		3.5mm line output, can be connected to external speakers (when connecting to external speakers, the audio output will automatically switch to external speakers)
Expansion Mic Interface		RJ45 interface, able to connect to expansion microphone.
Power Interface		HEC3800 power socket (DC12V), input AC110V-AC220V output DC12V/2.5A
Indicator	Bar-shaped Indicator	While displaying the working status, it can also be lit where the speaker's voice comes from.
Bluetooth	Bluetooth 5.0	Can be connected to a mobile phone or other device via Bluetooth as a Bluetooth microphone and speaker
Compatibility	Available System	Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android
Power Supply Method		Supply power through power adapter
Working Condition	Storage Temperature	14°F~158°F / -10°C~+70°C
	Storage Humidity	20%~95%
	Working Temperature	14°F~122°F / -10°C~+50°C
	Working Humidity	20%~80%
	Environment	Indoor
Installation Method	Walling Mount	Comes with walling mount bracket. While mounting, the camera need to be as close to the wall as possible.
	Desktop	Comes with desktop mounting bracket
	Installed on monitor	Bracket for monitor installation (optional)

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