

BG-CYCLOPS-4K

***Intelligent 4K All-In-One Auto Tracking Video Bar
(Available in black and white)***

The all-in-one design of the BG-CYCLOPS-4K 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.

By simplifying video conferences with its hands-free operation and professional grade image and sound quality, the BG-CYCLOPS-4K allows meeting members to present topics and focus on the task at hand.

FEATURES

- Stunning image quality at 4K2K
- Camera lens cover automatically closes when there is no output stream detected
- 120° wide angle lens ensures every participant is captured in frame
- Multiple microphones enable the current speaker to be tracked in real time up to 6 meters
- Face detection algorithm automatically detects participants to provide the optimal shot
- Works with Windows, Mac OS, and major conferencing software such as Zoom, Skype, etc.
- Bluetooth enabled and can be used as a Bluetooth speaker and microphone
- Low noise CMOS ensures high snr of images
- Brackets for desktop or wall mounting included



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	
		Minimum Illumination	0.5Lux
		DNR	2D & 3D
	Image	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
Audio	Microphone	SNR	≥50dB
		Video Format	HDMI: 4K@30,1080P60 compatible downward USB: 4K@30,1080P60 compatible downward
		Video Compression Format	MJPEG, YUY2, H.264, H.265, NV12
	Speaker	Privacy Cover	Automatic privacy cover will close when no image output and open when there are image output.
		Microphone	6 X MEMS Microphones
		Pickup Distance	6 meters
	Speaker	Frequency Response	120 Hz ~ 16 kHz
		Speaker	Built in dual speaker
		Voltage	2x10W
		Output Voice Pressure	80±3 dB 1.0M/1.0W
AI Function	Audio Processing	Frequency Response	100 Hz ~ 20 KHz
		AEC, AGC, ANS	
		Group Framing	Automatically adjust the screen size according to the number of participants to present the best framing
Remote Control	Speaker Tracking	Speaker Tracking	Track each speaker in real time, and ensure that the speaker is in the center of the screen.
		Remote Control	Infrared remote control
Physical Interfaces	USB	USB3.0 audio video output interface, Type C Support UVC11, UAC1.0 and higher	
		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)	
		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	-10°C ~ +70°C	
		Storage Humidity: 20% ~ 95%	
	Working Humidity	-10°C ~ +50°C	
		20% ~ 80%	
Installation Method	Environment	Indoor	
		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)	

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.

Pro AV 3 Year Warranty	Cameras 5 Year Warranty	Lifetime Product Support
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