BZB**2**GEAR®

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

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
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.
Remote Control	Remote Control		Infrared remote control
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		-10°C～+70°C
	Storage Humidity		20%～95%
	Working Temperature		-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)

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