



BG-CYCLOPS-PRO

4K UHD 12X PTZ ALL-IN-ONE SPEAKER TRACKING/
AUTOFRAMING VIDEO BAR WITH HDMI/USB/WI-FI
AND PROGRADE SPEAKER/MICROPHONE

The BG-CYCLOPS-PRO is a cutting-edge 4K UHD camera designed for seamless video conferencing and collaboration. Its dual-lens system combines a 120° ultra-wide panoramic lens with a 12x optical zoom lens, delivering crystal-clear visuals and exceptional versatility. This all-in-one device features integrated AI capabilities like auto-framing, speaker tracking, and Smart Gallery, along with a beamforming microphone and professional-grade speaker for outstanding audio quality. With flexible mounting options, built-in Wi-Fi, and easy USB connectivity, the BG-CYCLOPS-PRO is the ultimate solution for modern BYOM and BYOD workflows.

Whether on a tabletop, wall-mounted, or attached to a display, the BG-CYCLOPS-PRO delivers outstanding performance, making it the ultimate solution for professional video communication and collaboration.



FEATURES



DUAL-LENS SYSTEM

Combines a 120° ultra-wide-angle lens for panoramic views with a 12x optical zoom lens for detailed close-ups, both supporting 4K UHD resolution



ADVANCED AI CAPABILITIES

Features auto-framing, speaker tracking, and Smart Gallery for intelligent participant focus and equitable remote collaboration



INTEGRATED AUDIO SYSTEM

Includes a 6-element beamforming microphone array with Audio 3A algorithms (AEC, AGC, ANS) for clear communication and a professional-grade full-range speaker for immersive sound



ALL-IN-ONE DESIGN

Combines a 4K close-up camera, panoramic camera, microphone, and speaker in a compact, sleek design for maximum convenience



MODERN CONNECTIVITY

Built-in Wi-Fi, USB 3.0, HDMI, and RJ45 ports ensure seamless integration into existing setups, along with support for wireless screen projection



FLEXIBLE INSTALLATION

Offers versatile mounting options for table, wall, or display attachment, making it ideal for various room sizes and configurations



TECH SPECIFICATIONS

Technical

Dual Lens System	Panoramic Camera: 120° 4K fixed-focus wide-angle lens. Close-Up Camera: 12x optical zoom with motorized pan-tilt.
Image Sensor	1/2.5-inch UHD CMOS sensor with 8.51 million pixels
Resolutions Supported	4K (3840x2160), backward compatible with 1080p and 720p
Field of View (FOV)	Horizontal FOV: 71° wide-angle lens.
Pan-Tilt Mechanism	Horizontal Range: ±90°. Vertical Range: -23° to +23°.
AI Features	AI Auto Framing: Automatically adjusts composition based on meeting room occupancy. Speaker Tracking: Tracks active speakers using sound source localization and analysis. Smart Gallery: Facial recognition extracts and arranges participant close-ups.
Audio	6 integrated microphones with low-distortion lateral beamforming algorithm. Supports cascading for extended microphone coverage. Speaker: Full-range, high-fidelity speaker with optimized acoustic design.
Audio Processing	Built-in 3A Audio Algorithm: AEC (Acoustic Echo Cancellation), AGC (Automatic Gain Control), ANS (Acoustic Noise Suppression).
Interfaces	USB: 1 x USB 3.0 Type-C 1 x USB 3.0 Type-A Video Output: 1 x HDMI OUT Network: 1 x RJ45 (LAN) Power: 1 x DC 12V interface
Wireless Connectivity	Wi-Fi Module: Enables wireless projection (BYOD). Supports BYOM for video and audio calls via personal laptops
Mounting Options	Tabletop placement, Wall mount bracket (included), TV/display mount (optional)
Indicators and Controls	Status Indicator: Visual operational status feedback. Privacy Cover: Ensures privacy when not in use. Reset Port: For device resets.
Power Supply	Input: 12V/5A (standard power adapter provided).
Build and Safety	Ventilation design to prevent overheating. Non-waterproof - recommended for dry indoor environments.
Cable Length Recommendations	Maximum horizontal cascade distance: 3 meters. Maximum number of cascades: 3 (future software updates required).

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.
For questions, please call 1.888.499.9906 or email support@bzbgear.com.

Pro Line Products
5-YEAR WARRANTY

Essential Line Products
3-YEAR WARRANTY

Cables Products
LIFETIME WARRANTY