

BG-NUCLEUS-10X

*All-in-One Combo Computer
and 1080P HD PTZ Camera*

We started with a powerful Intel NUC computer, then we grafted our BG-VPTZ-HSU3 camera to the top. The result is the perfect classroom and conference space solution. The fully functional PC runs Windows 10 and easily integrates to all major cloud platforms. The all-in-one form factor makes setup a breeze—simply connect power, a keyboard/mouse combo, a video display, and you're ready to present!

Pristine Detail, Accurate Color, Quiet Operation

- Intel NUC computer: i5 CPU, 16GB RAM, 512 GB M.2 SSD
- Optical zoom lens: 10x (25 ft)
- 1080p high definition provides fluid motion, clear image, and accurate colors
- Auto focusing algorithms resulting in quick, accurate, and stable focus
- Quiet, high-quality step motor: 1/2.7" Exmor CMOS

Digital and Analog Control at Your Fingertips

- Web interface control via the IP address; camera preview access
- IR remote control
- Supports IP and serial control protocols (Visca IP, ONVIF / Pelco-P/D, Visca)

Unrivaled Diversity of Connections and Streaming Formats

- Supports RTSP, RTMP, RTMPS, ONVIF, and GB/T28181
- HDMI, USB 3.1 Gen 2 Type A (4x), USB 3.1 Gen 2 Type C (1x), LAN, Bluetooth
- H.264/H.265 video compression formats provide excellent image quality
- 3.5 mm input for embedding audio into your live stream

Compatible Live Streaming Software & Online Platforms

- vMix, Wirecast, Echo360, Zoom, Skype, Meet, GoToMeeting, & more
- YouTube, Facebook, LinkedIn, Instagram, Twitter, Twitch, & more



Specifications

Image Sensor	1/2.7" Exmor CMOS (10X)
Frame Rate	1080P60/ 59.94 / 50 /30 / 29.97 /25 - 1080I60/59.94 / 50 / 30 / 29.97 / 25 - 720P60/50/ 30 / 25, 480I60, 576I50
F-number	1.6(W)-3.5(T)
Focus	f=5.1mm~51mm
Effective Pixels	2.70 Megapixel
View Angle (H)	72°
Min Illumination	0.5lux (F 1.8, AGG ON)
Shutter Speed	1 to 1/10000s

COMPUTER CHASSIS SPECIFICATIONS

CPU Processor	i5 Intel NUC (up to 4.20 GHz)
RAM	16GB DDR4
Hard Drive	512 GB (M.2 SSD)
Input/output	4x USB 3.1 Gen 2 Type-A Ports 1x USB 3.1 Gen 2 Type-C Ports 3.5mm Line-in Audio Port RJ-45 LAN Connection 1x HDMI Video Output Connection (4K@60Hz Resolution Supported)
Connections	Bluetooth Connectivity Intel® Wi-Fi 6 AX201

CAMERA SPECIFICATIONS

Resolution	1080p@60fps
Zoom	10X optical zoom lens with 65° horizontal FOV
PTZ Control	Infra-Red Remote Control, USB

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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