



BG-NUTRIX

MEDICAL GRADE INTELLIGENT 4K UHD 30X NDI|HX PTZ CAMERA WITH NIGHT VISION/SPEAKERS/MICROPHONE/MOTION DETECTION (IEC 60601 CERTIFIED)

The BG-NUTRIX is a brand-new 4K/Full-HD IEC 60601 Certified auto-tracking medical grade NDI|HX PTZ camera with night vision, integrated stereo speakers/microphone, and a 30X optical zoom lens. It features smooth PTZ functions, advanced image processing features, and flexible connection options in addition to its spotlight features. Thanks to its NDI|HX compatibility, users can easily maintain a stable live video feed by leveraging their existing network connection.

4K@60 / 1080p@60 resolutions: High-quality video resolutions are essential in the medical industry for various applications such as telemedicine, live medical procedures, training sessions, and remote consultations. With 4K@60 / 1080p@60 resolutions, healthcare professionals can accurately view the details of a medical procedure, making it easier to diagnose, analyze, and discuss cases remotely. Additionally, the 30X optical zoom lens lets medical professionals magnify the subject they are recording without losing image quality.



FEATURES



2-WAY AUDIO

Communicate effectively without the need for additional audio equipment



NIGHT VISION

See clearly in low light conditions



CONNECTION OPTIONS

HDMI/USB 3.0/LAN



4K AT 60HZ

Output up to 4K@60Hz resolution



30X OPTICAL ZOOM

Zoom in and out 30X without interrupting image clarity



MEDICAL GRADE

IEC 60601 Medical Certified



TECH SPECIFICATIONS

Technical

Resolutions	4K@60 / 1080p@60
Interfaces	HDMI, USB, NDI/LAN
Output bandwidth	Up to 5 Gbps (USB-C)
NDI HX, Dante AV-H	Stream high-quality audio/video over a network while minimizing latency
Night vision	Supported
Speakers	Built-In stereo speakers
Microphone	Built-In microphone
Working Environment	Indoor Only

Interfaces

Audio In	Connect external audio sources such as a microphone or small audio mixer to embed the sound into all video output interfaces
Audio Output	To connect with audio output devices such as speakers
USB2.0	Connect USB 2.0 type A cable to a PC for plug & play connectivity for any conferencing service like Skype or Zoom, supporting resolution up to 4K@60Hz
USB3.0	Connect USB 3.0 type B cable to a PC for plug & play connectivity for any conferencing service like Skype or Zoom, supporting resolution up to 1080@60Hz
HDMI	Connect to an HDMI device such as a video production switcher or a video display up to 4K@60Hz
MicroSD	Record up to 1 TB of 4K video
RS-232, RS-422/485	Connect cascading RS-232 or RS-422/485 to control the camera(s) with a joystick controller or control software
LAN-NDI HX	Connect to a network switch via category cable to supply power (PoE), control (TCP/IP or webGUI) and stream (NDI HX)
Power	Connect supplied 12V power adapter



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.

Pro Line Products
5-YEAR WARRANTY
Essential Line Products
3-YEAR WARRANTY
Cables Products
LIFETIME WARRANTY

