

BG-ADAMO-4K

AUTO-TRACKING 4K PTZ CAMERA SERIES

4K UHD AUTO TRACKING HDMI 2.0/12G-SDI/USB 2.0/USB 3.0/POE/NDI/DANTE AV-H LIVE STREAMING
PTZ CAMERA WITH TALLY LIGHTS

BG-ADAMO-4K

BG-ADAMO-4KND (NDI/HX 3 model)

BG-ADAMO-4KDA (Dante AV-H model)

Available in black, white.

BZBGEAR is proud to announce the next generation of PTZ cameras: the BG-ADAMO-4K. Brilliantly designed with exclusive features and a unique form factor, the ADAMO-4K is unrivaled in its class on the live stream broadcasting market.

The ADAMO-4K is loaded with features including a full interface of video connections and immaculate 4K@60Hz resolution. The 12G-SDI connection enables long distance cable runs without compromising image quality. Compose shots ahead of time utilizing up to 255 programable presets, with 10 conveniently accessible using the IR remote. Capable of storing 1 TB of video footage with the Micro SD Card writer, start recording on the fly when other connections are inaccessible.

FEATURES



HIGH RESOLUTION

Output up to 4K@60Hz over HDMI or 12G-SDI and 4K@30Hz over USB 2.0 cabling



TALLY LIGHTS

Integrated red/green LED tally lights



MICROSD

Record and store up to 1 TB of 4K video



ZOOM

Available with 12x/25x optical zoom lens



MULTIPLE VIDEO OUTPUTS

Choose from SDI, HDMI, USB 3.0, USB 2.0, or IP Streaming



POE

Data, power, and control over a single category cable



BG-ADAMO-4K



BG-ADAMO-4KDA



BG-ADAMO-4KND





TECH SPECIFICATIONS

Camera/Lens

Optical Zoom	12X	25X
Focal Length Range	f=3.85 mm ~ 43.06 mm +/-5%	f=6.91 mm ~ 214.64 mm +/-5%
View Angle	H: 7.59°(tele) ~ 80.4°(wide) V: 4.6°(tele) ~ 50.0°(wide)	H: 1.98°(tele) ~ 59°(wide) V: 1.12°(tele) ~ 34.14°(wide)
AV	F1.8 ~ F3.56~5%	F1.35 ~ F4.6~5%
Sensor	1/2.5 inch SONY CMOS sensor	1/1.8 inch SONY CMOS sensor
Minimum Illumination	0.05Lux (F1.8, AGC ON)	
DNR	3D DNR	
White Balance	Auto / Manual / One Push / Specified Color Temperature	
Focus	Auto / Manual / One Key Focus	
Exposure Mode	Auto, Manual / Shutter Priority / Aperture Priority / Brightness Priority	
Aperture Parameters	F1.8 ~ F11, CLOSE	
Shutter Speed	1/25 ~ 1/10000	
BLC	Off/On	
Dynamic range	OFF / Dynamic Level Adjustment	
Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curv	
SNR	≥50dB	
Interface	HDMI, SDI, LAN (POE), USB 2.0, A-IN, USB 3.0, Micro SD, RS232-IN, RS232-OUT, RS422 (Compatible with RS485), DC12V Power Supply, Power Switch	
Video Compression Format	LAN: H.264, H.265 USB 2.0: MJPG, H264, H265, YUY2, NV12 USB 3.0: YUY2	
Audio Input		Stereo 3.5mm AUX
Audio Output		HDMI, SDI, LAN
Audio Compression Format		AAC
Network Interfac		10M/100M/1000M adaptive Ethernet port, support POE power supply, support audio and video output
Network Protocol		RTSP, RTMP, RTMPS, ONVIF, GB/T28181; support network VISCA control protocol
Control		RS232-IN, RS232-OUT, RS422 compatible with RS485
Serial Port Communication		VISCA/Pelco-D/Pelco-P; Baud Rate:115200/38400/9600/4800/2400
USB Communication Protocol		UVC (Video Communication Protocols)
Power Supply		HEC3800 Power Outlet (DC12V)
Power Adapter		Input: AC110V-AC220V; Output: DC12V/1.5A
Input Voltage		<1.5A
Input Current		12G/6G/3G/HD/SD-SDI
Power Consumption		<12W

Video Format

HDMI	3840*2160p@60/50/30/25/59.94/29.97Hz; 1080p@60/50/30/25/59.94/29.97Hz; 1080i@60/50/30/59.94Hz; 720p@60/50/59.94Hz;
12G-SDI	3840*2160p@60/50/30/25/59.94/29.97Hz; 1080p@60/50/30/25/59.94/29.97Hz; 1080i@60/50/59.94Hz; 720p@60/50/59.94Hz;
USB2.0	MJPG: 3840*2160 MJPG: 3840*2160 /1920*1080 /1280*720 /1024*768 /1024*576 /800*600 /720*576 /720*480 /704*576 /640*480 /640*360 /352*288 /320*240p@30Hz; H264: 3840*2160 /1920*1080 /1280*720 /1024*768 /1024*576 /800*600 /720*576 /720*480 /704*576 /640*480 /640*360 /352*288 /320*240p@30Hz; YUY2: 800*448 /720*480p@25; 640*360 /432*240p@30Hz NV12: 800*448p@25; 640*480 /640*360 /432*240p@30Hz YUY2: 1920*1080 /1280*720p@60/50/30/25Hz; 960*540 /800*600p@30Hz; 720*576p@50Hz; 720*480p@60Hz;
USB3.0	640*480p@30Hz;



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

