



BG-ADAMO-JR

Auto-Tracking 1080p PTZ Camera Series

BG-ADAMO-JR

BG-ADAMO-JRND (NDI|HX 3 model)

BG-ADAMO-JRDA (Dante AV-H model)

Available in black, white.

1080P AUTO TRACKING HDMI/SDI/USB 2.0/USB 3.0/POE/NDI/DANTE AV-H Live Streaming PTZ Camera with Tally Lights

The BG-ADAMO-JR is a brand-new Full HD PTZ camera with 3 types of lenses available: 12X optical zoom with 70.3 FOV, 20X optical zoom with 60.04 FOV, and 30X optical zoom with 58.1 FOV. It features smooth PTZ functions, advanced image processing features and flexible connection options.

Advanced Visual Performance: With the high quality 1/2.8-inch SONY CMOS image sensor, the resolution of this camera can get up to 1080@60fps. Additionally, the low noise 1/2.8-inch SONY CMOS guarantees high SNR and the advanced 3D noise reduction technology further reduces the noise while ensuring pristine image clarity. The advanced ISP processing technology and algorithms also allow the camera to deliver true-to-life image quality for the most natural and accurate viewing experiences.



FEATURES

- Advanced AI auto tracking
- Output up to 1080p@60Hz resolution
- Available with 12x/20x/30x optical zoom lens
- Integrated red/green LED tally lights
- Choose from SDI, HDMI, USB 3.0, USB 2.0, or IP Streaming
- Record and store up to 1 TB
- Data, power, and control over a single category cable
- Available in white or black
- Multiple forms of control including RS232, RS422, Web GUI, Control App, or IR Remote
- Stream to your choice of platform directly from the camera, no capture card needed

BG-ADAMO-JR



BG-ADAMO-JRND NDI|HX 3 model



BG-ADAMO-JRDA Dante AV-H model



Camera Parameters

Optical Zoom	12X	20X	30X
Focal Length Range	f=4.1 mm ~ 49.2 mm +/-5%	f=5.05 mm ~ 91.49 mm +/-5%	f=5.2 mm ~ 148.4 mm +/-5%
View Angle	H: 6.57°(tele) ~ 70.28°(wide) V: 3.76°(tele) ~ 42.06°(wide)	H: 3.45°(tele) ~ 60.04°(wide) V: 1.97°(tele) ~ 35.31°(wide)	H: 2.14°(tele) ~ 58.1°(wide) V: 1.2°(tele) ~ 33.8°(wide)
	F1.8 ~ F2.68 +/-5%	F1.35 ~ F4.6 +/-5%	F1.35 ~ F4.6 +/-5%
Sensor	1/2.8 inch SONY CMOS sensor	1/2.8 inch SONY CMOS sensor	1/2.8 inch SONY CMOS sensor
Effective Pixels	2.07 Megapixels 16:9		
Video Format	HDMI: 1080P60/50/30/25/59.94/29.97; 1080I60/50/59.94; 720P60/50/59.94; SDI: 1080P60/50/30/25/59.94/29.97; 1080I60/50/59.94; 720P60/50/59.94 USB2.0: MJPEG: 1920*1080 /1280*720 /1024*768 /1024*576 /800*600 /720*576 /720*480 /704*576 /640*480 /640*360 /352*288 /320*240P30; H264: 1920*1080 /1280*720 /1024*768 /1024*576 /800*600 /720*576 /720*480 /704*576 /640*480 /640*360 /352*288 /320*240P30; YUY2: 800*448 /720*480P25; 640*360 /432*240P30 NV12: 800*448P25; 640*480 /640*360 /432*240P30 USB3.0: YUY2: 1920*1080P30/25; 1280*720P60/50/30/25; 960*540 /800*600P30; 720*576P50; 720*480P60; 640*480P30;		
Minimum Illumination	0.05Lux (F1.8, AGC ON)	Audio Input	Stereo 3.5mm AUX
DNR	3D DNR	Audio Output	HDMI, SDI, LAN
White Balance	Auto / Manual / One Push / Specified Color Temperature	Audio Compression Format	AAC
Focus	Auto / Manual / One-Push	Network Interface	10M/100M/1000M adaptive Ethernet port, support POE power supply, support audio and video output
Exposure Mode	Auto, Manual / Shutter Priority / Aperture Priority / Brightness Priority	Network Protocols	RTSP, RTMP, RTMPS, ONVIF, GB/T28181; support network VISCA control protocol
Iris Value	F1.8 ~ F11, CLOSE	Control	RS232-IN, RS232-OUT, RS422 compatible with RS485
Shutter Speed	1/25 ~ 1/10000	Serial Port Communication	VISCA/Pelco-D/Pelco-P; Baud Rate: 115200/38400/9600/4800/2400
BLC	Off/On	USB Communication Protocol	UVC (Video Communication Protocols)
Dynamic range	OFF / Dynamic Level Adjustment	Power Supply	HEC3800 Power Outlet (DC12V)
Video Adjustment	Brightness, Hue, Saturation, Contrast, Sharpness, W/B Mode	Power Adapter	Input: AC110V-AC220V; Output: DC12V/1.5A
SNR	≥50dB	Input Voltage	DC12V +/-10%
Interface	HDMI, SDI, LAN (support POE), USB 2.0, A-IN, USB 3.0, Micro SD, RS232-IN, RS232-OUT, RS422 (Compatible with RS485), DC12V Power Supply, Power Switch	Input Current	<1.5A
Video Compression Format	LAN: H.264, H.265 USB 2.0: MJPG, H264, H265, YUY2, NV12 USB 3.0: YUY2	Power Consumption	<12W

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.

LIFETIME
PRODUCT SUPPORT

PRO AV	CAMERAS
3 YEAR WARRANTY	5 YEAR WARRANTY