BG-ADAMO-JR

1080P AUTO TRACKING HDMI/SDI/USB 2.0/USB 3.0/POE/NDI/DANTE AV-H LIVE STREAMING PTZ CAMERA WITH TALLY LIGHTS

BG-ADAMO-JR
BG-ADAMO-JRND (NDI/HX 3 model)
BG-ADAMO-JRDA (Dante AV-H model)

Available in black, white

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

FHD

1080P
Output up to 1080p@60Hz resolution

TALLY LIGHTS
Integrated red/green LED tally lights

MICROS F
Record and store up to 1 TB

POE
Data, power, and control over a single category cable

ZOOM
Available with 12x/20x/30x optical zoom lens

MULTIPLE VIDEO OUTPUTS
Choose from SDI, HDMI, USB 3.0, USB 2.0, or IP Streaming
**Tech Specifications**

**Camera/Lens**

<table>
<thead>
<tr>
<th>Feature</th>
<th>12X</th>
<th>20X</th>
<th>30X</th>
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</thead>
<tbody>
<tr>
<td>Optical zoom</td>
<td>12X</td>
<td>20X</td>
<td>30X</td>
</tr>
<tr>
<td>Focus Range</td>
<td>F=4.1 mm – 49.2 mm ±5%</td>
<td>F=5.05 mm – 91.49 mm ±5%</td>
<td>F=5.2 mm – 168.4 mm ±5%</td>
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<tr>
<td>FOV</td>
<td>Horizontal (H): 6.5°(tele) – 70.28°(wide)</td>
<td>Horizontal (H): 3.45°(tele) – 60.04°(wide)</td>
<td>Horizontal (H): 2.14°(tele) – 68.1°(wide)</td>
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<tr>
<td>Iris Value</td>
<td>F1.8 – F2.68±5%</td>
<td>F1.8 – F2.95±5%</td>
<td>F1.3 – F4.8±5%</td>
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<tr>
<td>Image Sensor</td>
<td>1/2.8 inch SONY CMOS sensor</td>
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**Effective Pixels** 2.07 Megapixels 16:9

**Minimum Illumination** 0.5Lux (F1.8, AGC ON)

**DNR** 3D

**White Balance** Auto / Manual / One-Push / Specified Color

**Focus Mode** Auto / Manual / One-Push

**Exposure Mode** Auto / Manual / Shutter Priority / Iris Priority / Brightness Priority

**Iris Value** F1.8 – F11, CLOSE

**Shutter Speed** 1/25 – 1/10000

**BLC** On/Off

**Video Adjustment** Brightness, Hue, Saturation, Contrast, Sharpness, WB Mode

**Dynamic Range** Off / Dynamic Level Adjustment

**SNR** ≥50dB

**Video Compression Format**

- **LAN:** H.264, H.265
- **USB 2.0:** MJPG, H.264, H.265, YUY2, NV12
- **USB 3.0:** YUY2

**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

**Audio Input** Stereo 3.5mm AUX

**Audio Output** HDMI, SDI, LAN

**Audio Compression Format** AAC

**Network Interface** 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

**USB Communication Protocol** UVC (Video Communication Protocol)

**Power Supply** HEC3800 Power Outlet (DC12V)

**Power Adapter Input** AC110V-AC220V, Output: DC12V/1.5A

**Input Voltage** <1.5A

**Input Current** 12W/6W/3W/HD/SD-SDI

**Power Consumption** <12W

**Video Signal**

- **HDMI**
  - 1080P/60/50/30/25/59.94/29.97; 720P/60/50/59.94; 720P/60/50/59.94; 1080P/60/50/59.94; 1080P/60/50/59.94; 720P/60/50/59.94;

- **SDI**
  - M-JPEG: 1920*1080 /1280*720 /720*576 /800*600 /720*576 /770*576 /770*480 /704*576 /640*480 /640*360 /572*288 /320*240P/30; 1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720

- **USB 2.0**
  - 1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720

- **USB 3.0**
  - 1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720 /1280*720

**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**

**3 Year Warranty**

**5 Year Warranty**

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