1080P FHD 12X PTZ CAMERA WITH AUTO TRACKING - WHITE



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

Reference: BG-ADAMO-JR12X-W

PTZ CAMERA 1080P ZOOM 12X AUTO TRAKING

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

Optical Zoom: BG-ADAMO-JR offers three different optical zoom lenses for users to choose from: 12X optical zoom with 70.3 angle of view, 20X optical zoom with 60.04 angle of view, and 30X optical zoom with 58.1 viewing angle.

Flexible Connections: BG-ADAMO-JR supports HDMI, SDI, USB 2.0, USB 3.0 and LAN connections. It also supports IP streaming, offering flexible workflow options for users.

Smooth video and audio processing: The BG-ADAMO-JR delivers a smooth and exceptionally clear visual experience. It uses advanced video and audio compression techniques to ensure the best quality content. In addition, the advanced autofocus technology enables the camera to autofocus steadily, quickly and accurately.

Available in classic black or white finishes, the BG-ADAMO's chassis is designed to be as functional and attractive as its formidable feature set. The high-stability substructure provides a solid foundation for the precision lens that delivers Full HD resolution video at 60fps. Eliminating the need for bulky external accessories, the control arms feature integrated tally lights that glow green or red with 360-degree visibility.

Technical specifications

- 12X optical zoom
- Focus range f=4.1mm ~ 49.2mm ±5% f=5.05mm ~ 91.49mm ±5% f=5.2mm ~ 148.4mm ±5%
- Field of view Horizontal (H): 6.57°(telephoto) ~ 70.28°(wide)
- Vertical (V): 3.76°(Tele) ~ 42.06°(Wide) Horizontal (H): 3.45°(Tele) ~ 60.04°(Wide)
- Vertical (V): 1.97°(Tele) ~ 35.31°(Wide) Horizontal (H): 2.14°(Tele) ~ 58.1°(Wide)
- Vertical (V): 1.2°(telephoto) ~ 33.8°(wide)
- Iris Value F1.8 ~ F2.68±5% F1.8 ~ F2.9±5% F1.3 ~ F4.8±5%
- Image 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
- HDMI video signal: 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: MJPG: 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
- YUY2: 1920*1080P30/25; 1280*720P60/50/30/25; 960*540/800*600P30; 720*576P50; 720*480P60; 640*480P30;
- Minimum illumination 0.05 Lux (F1.8, AGC on)
- 3D DNR
- White Balance Auto/Manual/One-Push/Specified Color Temperature
- Auto / Manual / One-Push focus mode
- Auto / Manual / Shutter priority / Aperture priority / Brightness priority exposure modes
- Iris value F1.8 ~ F11, CLOSE
- Shutter speed 1/25 ~ 1/10000
- BLC On Off
- Dynamic range Off / Dynamic level adjustment
- Video Adjustment Brightness, Hue, Saturation, Contrast, Sharpness, WB Mode
- SNR ≥50dB
- Interface Parameters
- 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
- LAN video compression format: H.264, H.265
- USB 2.0: MJPG, H264, H265, YUY2, NV12
- USB 3.0: YUY2
- Audio Input Dual channel 3.5mm line input
- HDMI, SDI, LAN audio output
- AAC audio compression format
- Network socket 10M/100M/1000M adaptive Ethernet port, support POE power supply, support audio outputor and video
- Network protocols RTSP, RTMP, RTMPS, ONVIF, GB/T28181; supports the VISCA control protocol of the network
- Control Jack RS232-IN, RS232-OUT, RS422 compatible with RS485
- Communication on VISCA/Pelco-D/Pelco-P serial port; Baud rate: 115200/38400/9600/4800/2400
- UVC USB communication protocol (video communication protocols)
- Power supply HEC3800 socket (DC12V)
- Power Adapter Input: AC110V-AC220V; Output: DC12V/1.5A
- Input voltage DC12V±10%
- Input current <1.5A
- Power consumption <12W
- PTZ parameters
- Pan -170° ~ +170°
- Tilt -30° ~ +90°
- Pan speed 1.4°/sec ~ 100°/sec
- Tilt speed 2.9°/sec ~ 30°/sec
- Preset speed Pan (H): 78.8°/s, Tilt (V): 31.7°/s
- Preset quantity 255 presets (10 can be set by remote control)

Do you want more information about it?

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