

BG-B20SA

**Full HD Integrated IP/SDI 20X Zoom
Camera with Audio Input**

The BG-B20SA 20X optical zoom IP-streaming camera utilizes a high-quality Sony Exmor 1/2.8" CMOS sensor to deliver crisp HD video signals. Its functional design provides versatile placement options and ease-of-use in an unobtrusive housing. This camera is a valuable addition to a wide variety of A/V and broadcast applications including studios, lecture streaming, room monitoring, and more.

With the ability to output resolutions up to 1080p@60Hz resolution, the BG-B20SA offers exceptional quality. The 20X optical zoom allows crisp image delivery from wide-angle to tight close-up shots.

FEATURES

- Full HD output up to 1080p@60Hz
- 1/2.8" high quality CMOS sensor
- Adjust settings and stream over LAN
- 20x Optical Zoom Lens
- Add a microphone or other audio source
- Set the perfect shooting angle in lecture halls, studios, surveillance and more
- Supports ONVIF, PELCO-D, PELCO-P, VISCA, IP-VISCA
- H.264/H.264+ video compression
- Low noise and high SNR with 2D/3D reduction



Specifications

Camera Parameters

Sensor: 1/2.8" high quality HD CMOS sensor
Effective Pixels: 16:9, 2.07 Megapixels
Video Format: 1080p@60Hz/50/30/25/59.94/29.97; 1080i@60Hz/50/59.94; 720p@60Hz/50/30/25/59.94/29.97
Optical Zoom: 20X optical zoom, f=5.2-98mm
View Angle: 5.5°(tele) - 54.7°(wide)
Aperture: F1.6 ~ F3.5
Digital Zoom: 10X
Minimum Illumination: 0.5Lux (F1.8, AGC ON)
DNR: 2D & 3D DNR
White Balance: Auto / Manual/ One Push/ 3000K / 4000K / 5000K / 6500K
Focus: Auto/Manual
Aperture: Auto/Manual
Electronic Shutter: Auto/Manual
BLC: ON/OFF
WDR: OFF/ Dynamic level adjustment
Video adjustment: Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve
SNR: >55dB

Input/Output Interface

Video Interfaces: Audio In, 3G-SDI
Image Code Stream: Dual stream output
Video Compression Format: H.264, H.265
Control Protocol: Protocol: VISCA / Pelco-D / Pelco-P; Baud Rate: 115200/9600/4800/2400bps
HD IP Interface: 100M IP port (10/100BASE-TX), Support Visca protocol control through IP port.
Network Protocol: RTSP/RTMP, ONVIF
Power Interface: 5.0 Card line socket (DC12V)

Other Parameters

Power Adaptor: AC110V-AC220V to DC12V/1A
Input Voltage: DC12V310%
Input Current: 400mA(Max)
Consumption: 4.8W (Max)
Store Temperature: -10°C ~ +60°C
Store Humidity: 20% - 95%
Working Temperature: -10°C ~ +50°C
Working Humidity: 20%-80%
Dimension: 155.7mm x 70mm x 70mm
Weight: 0.7KG
Application: Indoor
Remote Operation (IP): Remote Upgrade, Reboot and Reset

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.

