

BG-B20SHA

**Full HD Integrated IP/SDI/HDMI 20x Zoom
Camera with Audio Input
(Available in silver)**

The BG-B20SHA is a compact live streaming box camera utilizing a 1/2.8" Sony CMOS sensor to produce an amazing 1080p60Hz HD image. It comes equipped with a powerful 20x optical zoom lens for capturing high-quality shots from a distance. Designed to be discreet yet flexible, this versatile camera can simultaneously output IP, 3G-SDI, and HDMI video feeds.

Simplify installation by eliminating the need for a power supply by utilizing the PoE (Power over Ethernet) connection. Stream over the local area network directly from the camera's web interface to platforms like YouTube and Facebook.

Pristine Detail, Accurate Color, Quiet Operation

- Zoom: 20x (50 ft) optical; 12x digital
- 1080p high definition provides fluid motion, close up imagery, and true colors
- Auto focusing algorithms resulting in quick, accurate, and stable focus
- Quiet 1/2.8" Exmor CMOS Sensor; 2.38MP

Digital and Analog Control at Your Fingertips

- Web interface control via the IP address; camera preview access
- Supports IP and serial control protocols (IP Visca, ONVIF / Pelco-P/D, Visca)
- IR remote control / push button navigation on the camera's interface
- Features multiple image presets

Unrivalled Diversity of Connections and Streaming Formats

- Supports RTSP, RTMP, RTMPS, ONVIF, and GB/T28181
- 3G-SDI, HDMI, LAN / Power over Ethernet
- H.264/H.265 video compression formats provide excellent image quality
- 3.5 mm input for embedding audio into your live stream

Compatible Live Streaming Software & Online Platforms

- vMix, Wirecast, Echo360, Zoom, Skype, Meet, GoToMeeting, & more
- YouTube, Facebook, LinkedIn, Instagram, Twitter, Twitch, & more



Specifications

Camera Specs

Sensor	1/2.8" Exmor CMOS Sensor, 2.38MP
Frame Rate	1080p60Hz/50/30/25, 1080i60Hz/50/30/25, 720p60Hz/50
Zoom	20X Optical, 12X Digital Zoom
Focus	f=4.7mm-94.0mm
Aperture	F=1.6(W)-3.5(T)
Horizontal Field of View	2.9°;(T)-65°;(W)
Zoom Control	VISCA, PELCO D/P

Input/Output Interface

Video Output	3G-SDI / HDMI / IP Streaming
Audio Input	N/A
Power On	JEITA type (DC IN 12V)
Communication interface	RS485 / RS232

Generic

Dimensions (W x H x L)	70mm x 70mm x 122mm
Weight	0.2kg
Operating Temperature	-10° C ~ 50° C
Max Consumption	12W DC12V @1A

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.

Pro AV 3 Year Warranty	Cameras 5 Year Warranty	Lifetime Product Support
---	--	------------------------------------