



PROFESSIONAL BROADCASTING SOLUTIONS



ABOUT THE COMPANY

Over 15 years experience working with pro AV dealers, integrators, and installers has helped BZBGEAR begin its journey of bringing two independent yet intertwined worlds together.

Established in 2019 and headquartered in Sacramento, California, BZBGEAR is a one-stop source manufacturer for pro AV and broadcasting products. It was born from the intricate nature of the audiovisual industry and the demand for accessible live streaming and video production equipment.

Its goal is clear: bridging the gap between the AV and broadcasting divisions while simplifying design, procurement, and technical support. BZBGEAR prides itself in unparalleled customer care and tech support seven days a week. Its team is recognized for the highest degree of professional service.



www.youtube.com/c/bzbtvchannel



www.vimeo.com/bzbgear



www.facebook.com/bzbgear



www.twitter.com/bzbgear



www.linkedin.com/company/bzbgear



www.instagram.com/bzbgear



www.bzbgear.com

PRO AV	CAMERAS
3 YEAR WARRANTY	5 YEAR WARRANTY
LIFETIME PRODUCT SUPPORT	

INDUSTRY LEADING WARRANTY AND 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 5 years.

BZBGEAR provides technical support out of Sacramento, CA via phone, email, or chat. Our team provides exceptional assistance on all our products and is knowledgeable on a multitude of brands and models when it comes to compatibility. You will always reach a specialist tuned in to your needs, providing unique solutions for your installation.

Technical Support

Monday-Friday 7:00 am - 5:00 pm

Saturday-Sunday 10:00 am - 3:00 pm (by appointment only)
(Pacific Standard Time)

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LIVE STREAMING PTZ CAMERAS

BG-ADAMO-4K

BZBGEAR is proud to announce the next generation in Pan, Tilt, Zoom cameras—the brilliantly designed BG-ADAMO-4K. With its unique form factor and exclusive feature set, BG-ADAMO-4K is unrivaled in the live streaming broadcast market. It supports 4K@60Hz resolution over HDMI and 12G-SDI connections, simplifying long distance cable runs while maximizing high quality imagery. Unique LED tally lights can be seen from virtually any angle displaying green and red colors on top of the control arms. A microSDXC card writer capable of storing video footage up to 1 TB allows users a quick setup when other connections are unavailable. Versatile and flexible, choose from an array of streaming video connections including HDMI, USB 2.0 / USB 3.0, and LAN port.

4K

4K@60Hz over HDMI and SDI cabling



Tally Lights



SDI, HDMI, USB 3.0, USB 2.0, IP Streaming



MicroSDXC

BG-PTZ-CONTROL

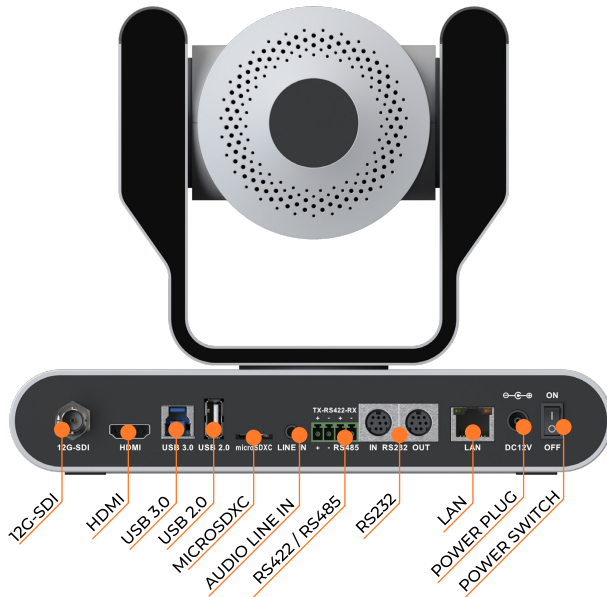
Proprietary PTZ control software (Windows, Mac, iOS)



White



Black



SPECIFICATIONS

Zoom

12x, 25x, 31x Optical Zoom

Video Output(s)

12G-SDI, HDMI, USB 2.0, USB 3.0, IP-LAN

Audio Input(s)

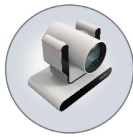
3.5 mm

Control

RS232, RS485, LAN, IR Remote

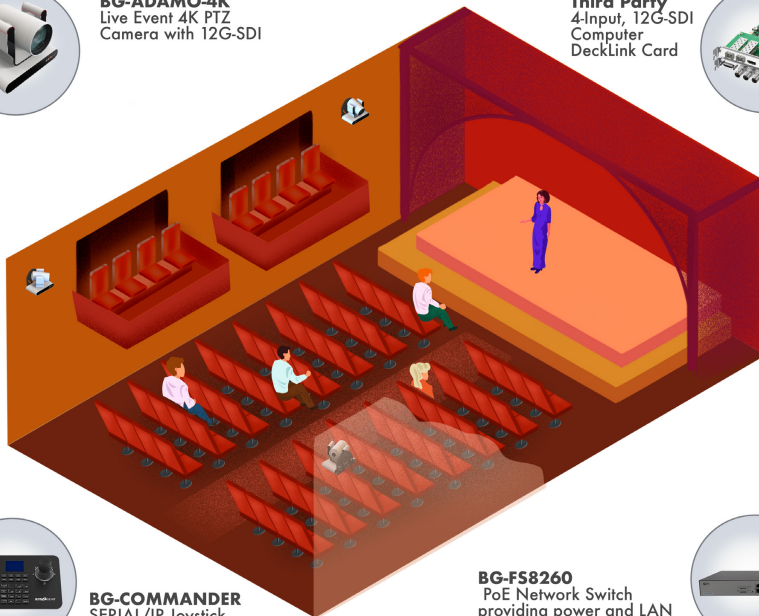
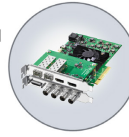
Power Connections

Power Supply, Power over Ethernet



BG-ADAMO-4K
Live Event 4K PTZ
Camera with 12G-SDI

Third Party
4-Input, 12G-SDI
Computer
DeckLink Card



BG-COMMANDER
SERIAL/IP Joystick
Controller

BG-FS8260
PoE Network Switch
providing power and LAN
connection



SUITABLE APPLICATIONS

Business Conference Rooms

Healthcare

Education

Houses of Worship

Live Events

BUNDLE WITH:



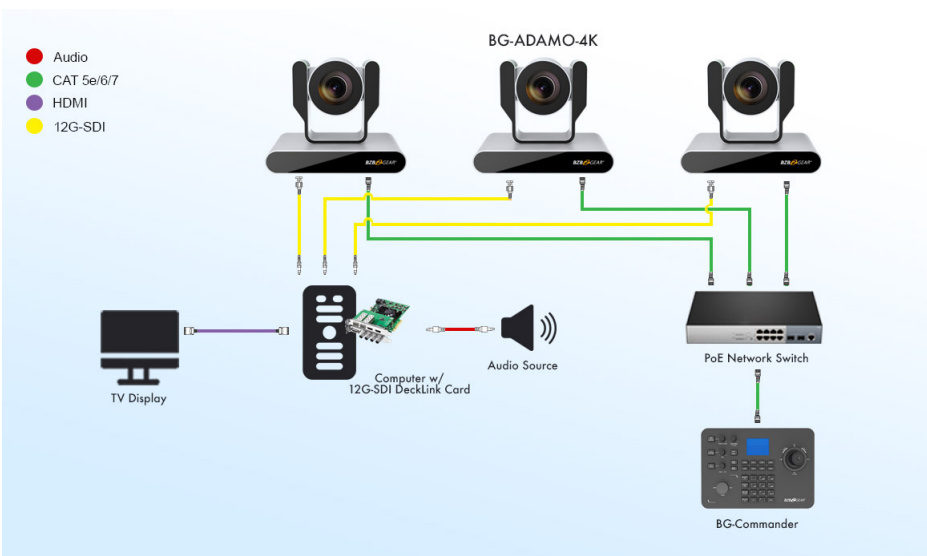
BG-4KCH

USB-C Video Capture Box
with Scaler



BG-COMMANDER

Universal Advanced IP/RS232/422
Controller 3rd Generation





LIVE STREAMING PTZ CAMERAS

BG-UPTZ

The versatile 1080p BG-UPTZ camera is equipped with a powerful 12x, 20x, or 30x optical zoom lens. This camera captures crisp high-definition images at any distance.

Designed to support virtually any production or application, BG-UPTZ is equipped with multiple simultaneous video outputs including HDMI, 3G-SDI, USB 3.0, and IP streaming.

-  Full HD Resolution
-  Power over Ethernet
-  SDI, HDMI, USB3.0, LAN
-  Superb Auto Focus

BG-PTZ-CONTROL
Proprietary PTZ control software (Windows, Mac, iOS)





SPECIFICATIONS

Zoom

12x/20x/30x optical zooms, 10x digital

Video Output(s)

HDMI, 3G-SDI, IP, USB 3.0

Audio Input(s)

3.5 mm

Control

RS232, RS485, RTSP, RTMP, ONVIF, GB/T28181, IR Remote

Power Connections

Power Supply, Power over Ethernet



BG-UPTZ-30XHSU
Teleconference PTZ
camera with 30X
optical and 10X digital
zoom



Remote doctor / patient
examination

SUITABLE APPLICATIONS

Business Conference Rooms

Healthcare

Education

Houses of Worship

Live Events

BUNDLE WITH:



BG-MFVS61-G2

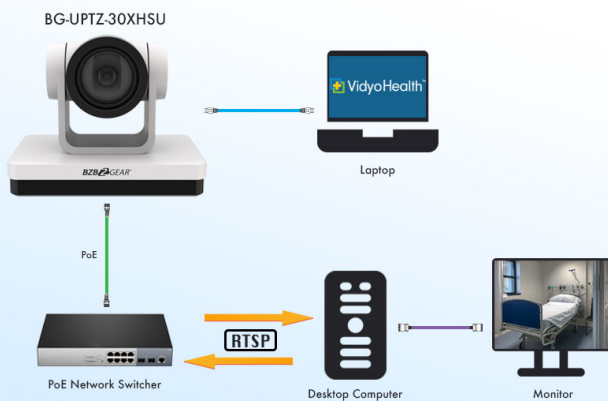
6-input 3G-SDI and HDMI Video
Mixer and Production Switcher with
Integrated Capture



BG-COMMANDER

Universal Advanced IP/RS232/422
Controller 3rd Generation

- CAT 6
- HDMI
- USB 3.0





LIVE STREAMING PTZ CAMERAS

BG-VPTZ-HSU3

The BG-VPTZ-HSU3 is a broadcast-quality PTZ camera with advanced image processing technology and a price that won't stretch your budget. It features a Full HD CMOS sensor, a max resolution of 1080p@60Hz, accurate color reproduction, and simultaneous USB 3.0, 3G-SDI, HDMI, IP streaming video outputs.

H.264/H.265 compression formats provide excellent image quality without excessive bandwidth demands. An integrated 3.5 mm audio input makes this camera ideal for live streaming and recording.



Full HD Resolution



Power over Ethernet



SDI, HDMI, USB3.0, LAN



Flexible installation

BG-PTZ-CONTROL
Proprietary PTZ control software (Windows, Mac, iOS)



Gray



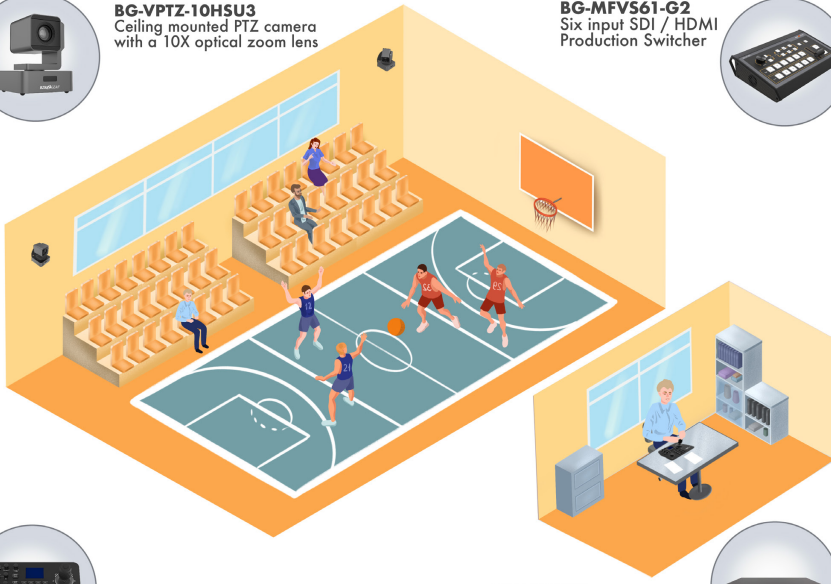
SPECIFICATIONS	
Zoom	10x, 20x, 30x Optical Zoom
Video Output(s)	HDMI, 3G-SDI, USB 3.0, RJ45 Network
Audio Input(s)	3.5 mm
Control	RS232, RS485, LAN, IR Remote
Power Connections	Power Supply, Power over Ethernet



BG-VPTZ-10HSU3
Ceiling mounted PTZ camera with a 10X optical zoom lens



BG-MFVS61-G2
Six input SDI / HDMI Production Switcher



BG-COMMANDER
SERIAL/IP Joystick Controller



BG-FS8260
PoE Network Switch providing power and LAN connection

SUITABLE APPLICATIONS	
Business Conference Rooms	
Healthcare	
Education	
Houses of Worship	

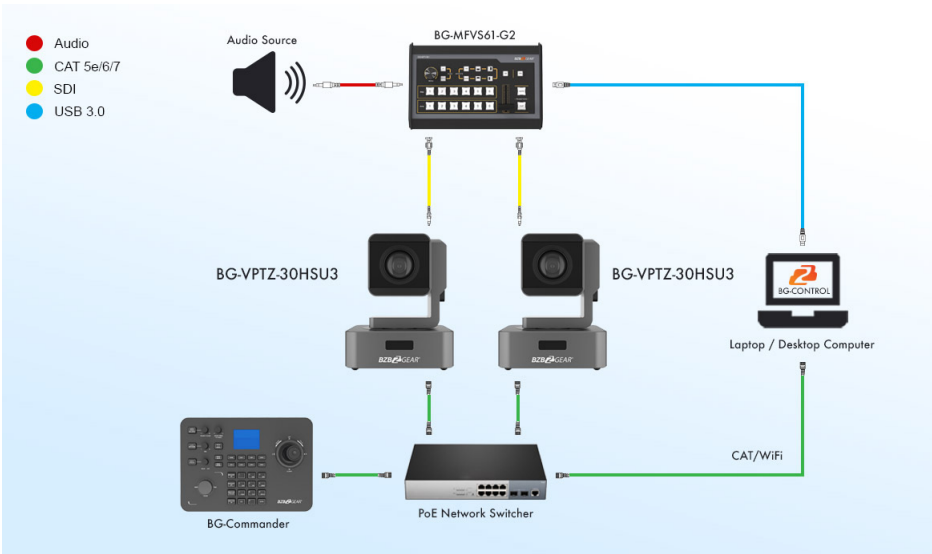
BUNDLE WITH:



BG-MFVS61-G2
6-input 3G-SDI and HDMI Video Mixer and Production Switcher with Integrated Capture



BG-COMMANDER
Universal Advanced IP/RS232/422 Controller 3rd Generation





NDI PTZ CAMERA SERIES

BG-ADAMO-4KND

BZBGEAR is proud to announce the next generation in Pan, Tilt, Zoom cameras—the brilliantly designed BG-ADAMO-4KND. With its unique form factor and exclusive feature set, BG-ADAMO-4KND is unrivaled in the live streaming broadcast market. It supports 4K@60Hz resolution over HDMI and 12G-SDI connections, simplifying long distance cable runs while maximizing high quality imagery. Unique LED tally lights can be seen from virtually any angle displaying green and red colors on top of the control arms.

A microSDXC card writer capable of storing video footage up to 1 TB allows users a quick setup when other connections are unavailable. Versatile and flexible, choose from an array of streaming video connections including NDI|HX, HDMI, USB 2.0 / USB 3.0, and LAN port.

- 
4K 4K@60Hz over HDMI and SDI cabling
- 
Tally Lights
- 
SDI, HDMI, USB 3.0, USB 2.0, IP Streaming
- 
NDI NDI|HX

BG-PTZ-CONTROL
Proprietary PTZ control software (Windows, Mac, iOS)





White



Black



SPECIFICATIONS

Zoom

12x, 25x, 31x Optical Zoom

Video Output(s)

12G-SDI, HDMI, USB 2.0, USB 3.0, NDI|HX - LAN

Audio Input(s)

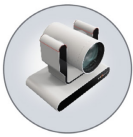
3.5 mm

Control

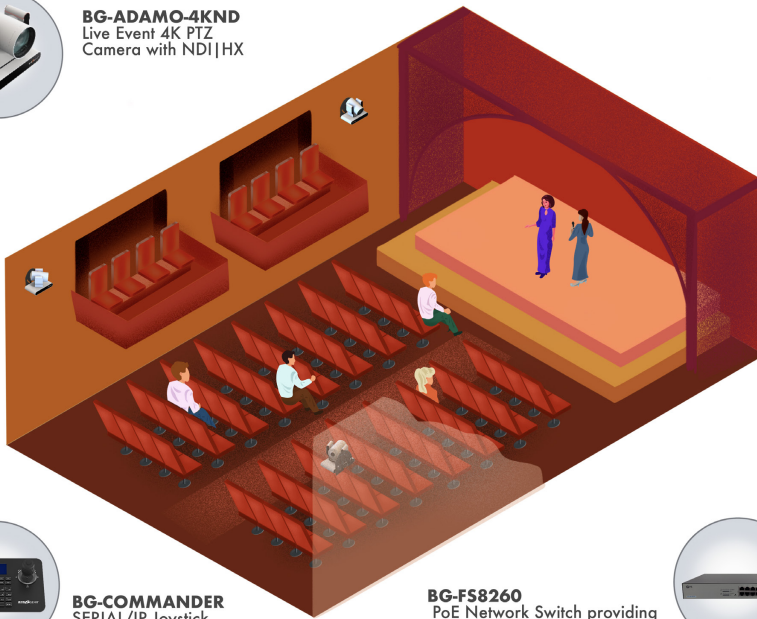
RS232, RS485, LAN, IR Remote

Power Connections

Power Supply, Power over Ethernet



BG-ADAMO-4KND
Live Event 4K PTZ
Camera with NDI|HX



BG-COMMANDER
SERIAL/IP Joystick
Controller

BG-FS8260
PoE Network Switch providing
power and LAN connection



SUITABLE APPLICATIONS

Business Conference Rooms

Healthcare

Education

Houses of Worship

Live Events

BUNDLE WITH:



BG-FS8260

8-Port 1G Ethernet PoE+ Switch, 8XPoE+ Ports @130W, w/ 2X1Gb SFP Uplinks



BG-COMMANDER

Universal Advanced IP/RS232/422
Controller 3rd Generation

● Audio
● CAT 5e/6/7





NDI PTZ CAMERA SERIES

BG-UPTZ-ND

The diversified BG-UPTZ-ND delivers 1080p@60Hz resolutions and is available in 12x/20x/30x optical zoom lenses for capturing HD images at various distances. Equipped with multiple video outputs including HDMI, 3G-SDI, USB 3.0, and IP NDI®|HX to support virtually any production or live streaming platform.

Created with ease of use in mind, this popular camera utilizes the latest NDI technology as well as Power over Ethernet (PoE) functionality to remove the need for any extra video or power cables.

-  Full HD Resolution
-  Power over Ethernet
-  SDI, HDMI, USB3.0, LAN
-  NDI NDI|HX

BG-PTZ-CONTROL
Proprietary PTZ control software (Windows, Mac, iOS)





White

Black



SPECIFICATIONS

Zoom

12x/20x/30x optical zooms, 10x digital

Video Output(s)

HDMI, 3G-SDI, IP, USB 3.0, NDI|HX - LAN

Audio Input(s)

3.5 mm

Control

RS232, RS485, RTSP, RTMP, ONVIF, GB/T28181, NDI-LAN, IR Remote

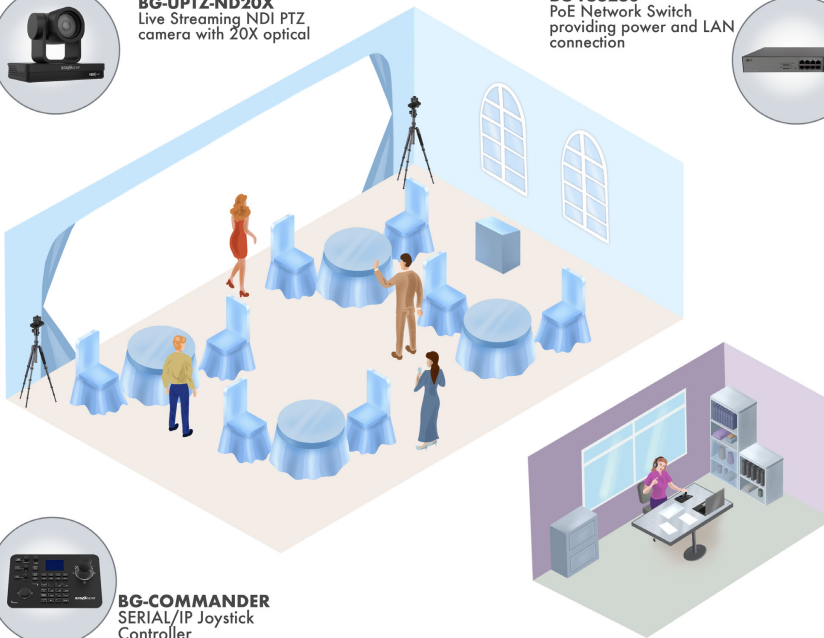
Power Connections

Power Supply, Power over Ethernet



BG-UPTZ-ND20X
Live Streaming NDI PTZ camera with 20X optical

BG-FS8260
PoE Network Switch providing power and LAN connection



BG-COMMANDER
SERIAL/IP Joystick Controller

SUITABLE APPLICATIONS

Business Conference Rooms

Healthcare

Education

Houses of Worship

Live Events

BUNDLE WITH:



BG-FS8260

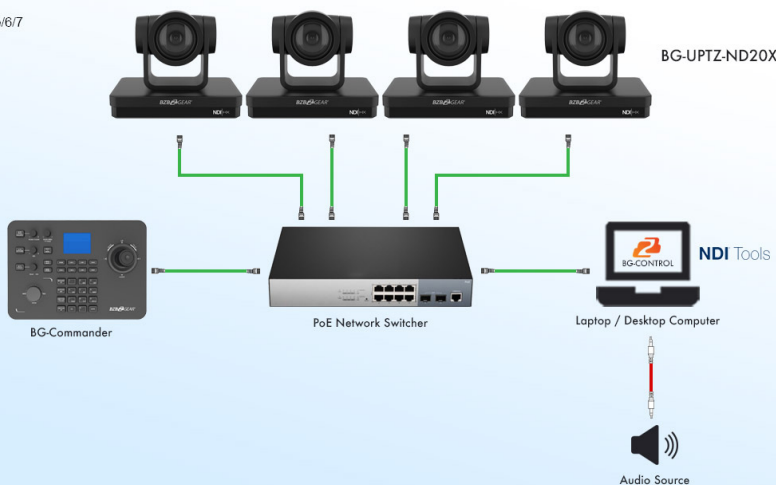
8-Port 1G Ethernet PoE+ Switch, 8XPoE+ Ports @130W, w/ 2X1Gb SFP Uplinks



BG-COMMANDER

Universal Advanced IP/RS232/422 Controller 3rd Generation

- Audio
- CAT 5e/6/7





AUTO-TRACKING CAMERAS

BG-MAESTRO

The ePTZ function of BG-MAESTRO delivers auto tracking ability in a compact, reliable, and affordable format. Its high-speed image processing and analysis algorithm provides fast and accurate detection for tracking movements.

The 4K Sony® CMOS sensor delivers clear images at 1080p output. Featuring USB, 3G-SDI, and IP streaming outputs, MAESTRO integrates easily with nearly any video system. The audio input supports mics and other external audio sources. Four simultaneous RTSP streams allow multiple angles to be broadcast from a single camera.



1080p@30Hz resolution



3x digital zoom and ePTZ control



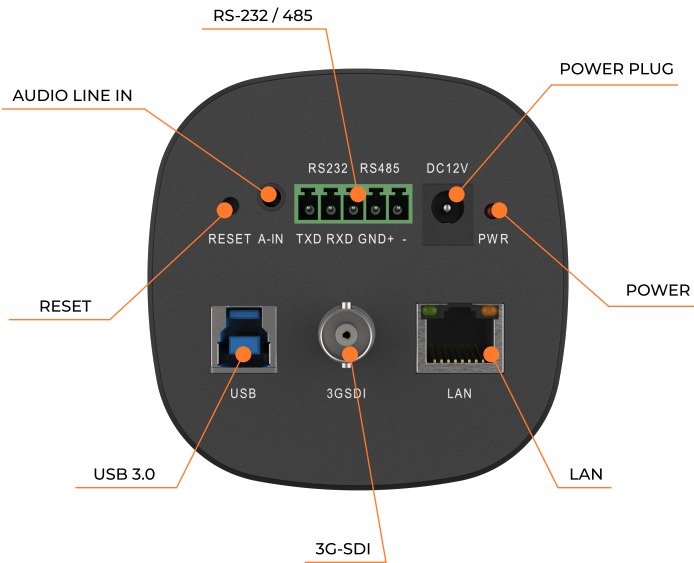
USB 3.0, 3G-SDI, LAN



4 simultaneous streams

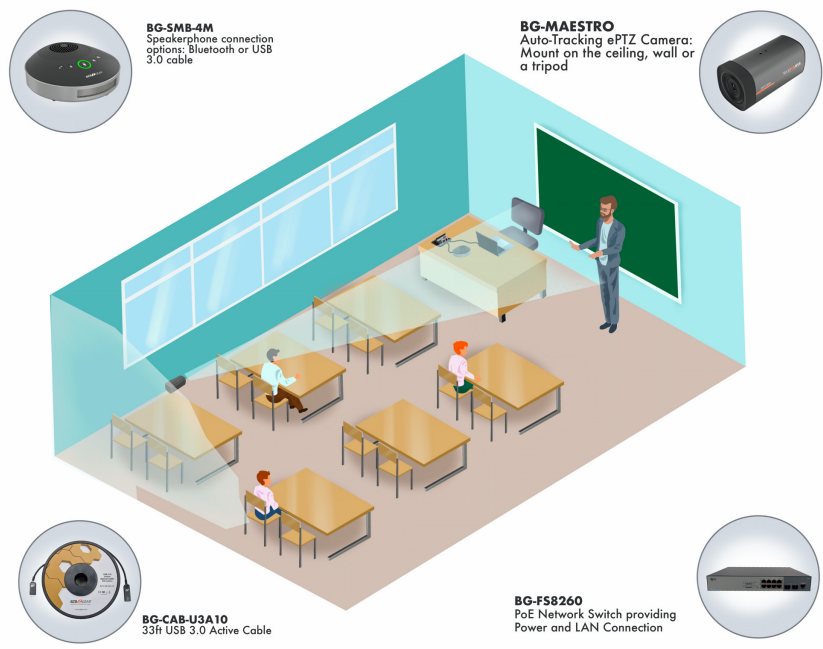


Gray



SPECIFICATIONS

Zoom
3x Digital Zoom
Video Output(s)
USB 3.0, 3G-SDI, LAN
Audio Input(s)
3.5 mm
Control
RS232, RS485, LAN
Power Connections
Power Supply, Power over Ethernet



SUITABLE APPLICATIONS

Education
Fitness Instruction
Business Presentations
Houses of Worship

BUNDLE WITH:



BG-FS8260

8-Port 1G Ethernet PoE+ Switch, 8XPoE+ Ports @130W, w/ 2X1Gb SFP Uplinks



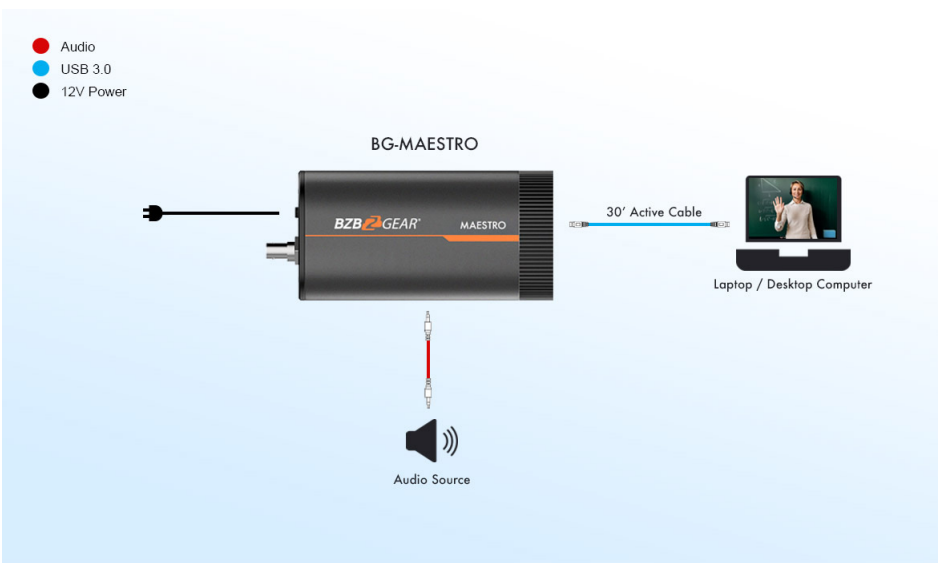
BG-EPTZ-UH4K

4K ePTZ USB and HDMI Conference/ Education Camera



BG-MV41A

4X1 Multiviewer with Scaler supporting 1080p@60Hz





AUTO-TRACKING CAMERAS

BG-LVUPTZ-HUS

BG-LVUPTZ-HUS is designed to automatically follow a presenter as they move around. Outputting 1080p@60Hz with 12x and 20x zoom options, BG-LVUPTZ-HUS is equipped with two HD cameras combined in a single housing.

One camera provides tracking information through its full HD static image. Advanced onboard processing allows the second full HD PTZ camera to perform auto-tracking functions, with no additional hardware needed.

Using the provided software, users can set the camera tracking parameters which include tracking area, zoom levels, and masked off areas.



1080p@60Hz



Auto Tracking



HDMI, USB 3.0,
IP streaming



Dual Outputs



Silver



SPECIFICATIONS

Zoom

12x, 20x Optical Zoom

Video Output(s)

(2) USB 3.0, (2) HDMI, (2) LAN Ports

Audio Input(s)

Stereo Audio 3.5mm Line Input

Control

RS232, RS485, LAN

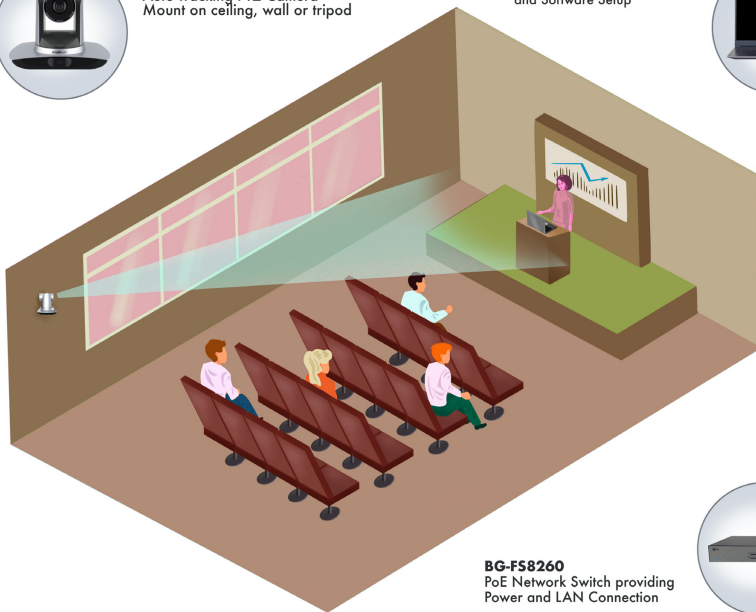
Power Connections

Power Supply



BG-LVUPTZ-HUS
Auto-Tracking PTZ Camera -
Mount on ceiling, wall or tripod

PC for Live Streaming Program
and Software Setup



BG-FS8260
PoE Network Switch providing
Power and LAN Connection



SUITABLE APPLICATIONS

Education

Fitness Instruction

Business Presentations

House of Worship

BUNDLE WITH:



BG-FS8260

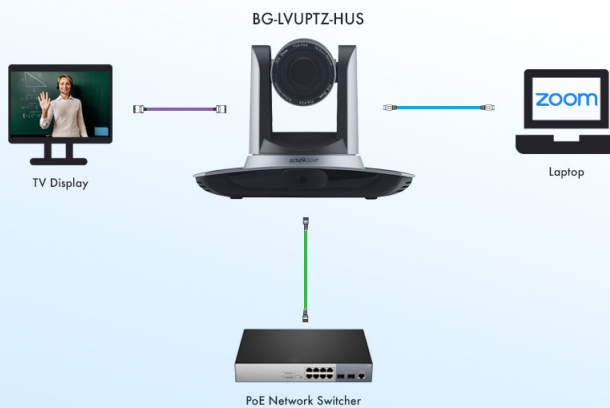
8-Port 1G Ethernet PoE+ Switch,
8XPoE+ Ports @130W, w/ 2X1Gb SFP
Uplinks, Fanless Powered by FS



BG-SMB-4M

USB/Bluetooth Wireless Desktop
Conference Speakerphone with 360
Audio Pickup up to 4M

- CAT 6
- HDMI
- USB 3.0





AUTO-TRACKING CAMERAS

BG-LVUPTZ-SD

The BG-LVUPTZ-SD series provides auto-tracking operations making this model a great addition to any live stream production. This intuitive camera automatically follows a presenter as they move around. Designed with set and forget programming, BG-LVUPTZ-SD eliminates the need for a full-time operator. A crystal-clear Full HD image armed with either 12x and 20x zoom ensures details are never lost.

Possessing two cameras in a single housing. The first camera provides tracking info via its Full HD static image. Advanced onboard processing allows the second Full HD PTZ camera to perform auto-tracking functions with no additional hardware needed.



1080p@60Hz



Auto Tracking



HDMI, USB 3.0,
IP streaming



Dual Outputs



Silver



SPECIFICATIONS

Zoom

12x, 20x Optical Zoom

Video Output(s)

(2) USB 3.0, (2) SDI, (2) LAN Ports

Audio Input(s)

Stereo Audio 3.5mm Line Input

Control

RS232, RS485, LAN

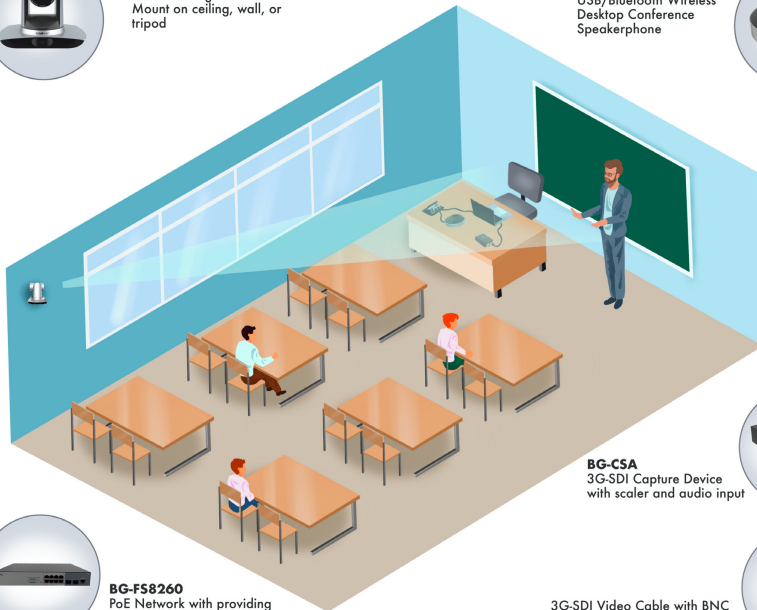
Power Connections

Power Supply



BG-LVUPTZ-SD
Auto Tracking PTZ Camera -
Mount on ceiling, wall, or
tripod

BG-SMB-4M
USB/Bluetooth Wireless
Desktop Conference
Speakerphone



BG-FS8260
PoE Network with providing
Power and LAN Connection

BG-CSA
3G-SDI Capture Device
with scaler and audio input



3G-SDI Video Cable with BNC
locking connectors



SUITABLE APPLICATIONS

Education

Fitness instruction

Business Presentations

House of Worship

BUNDLE WITH:



BG-FS8260
8-Port 1G Ethernet PoE+ Switch

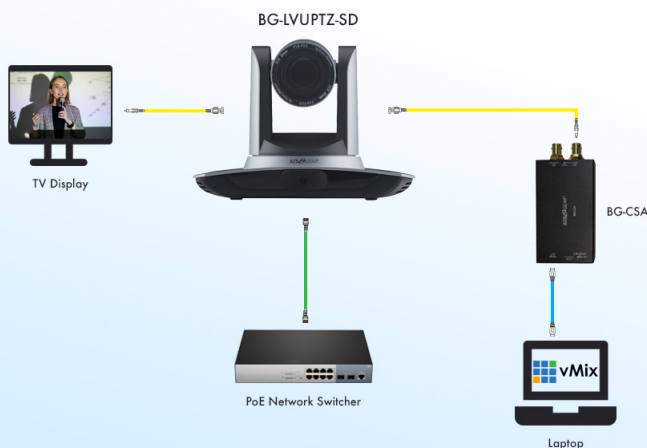


BG-SMB-4M
USB/Bluetooth Wireless Desktop
Conference Speakerphone



BG-CSA
USB 3.1 Gen 1 3G-SDI Capture Device
with Scaler and Audio

- CAT 6
- SDI
- USB 3.0





SPECIALTY CAMERAS

BG-PACKSHOT-10X

BG-PACKSHOT is a 1080p HD camera with a high-quality lens and fast auto-focusing. This camera excels at detailed close-up shots.

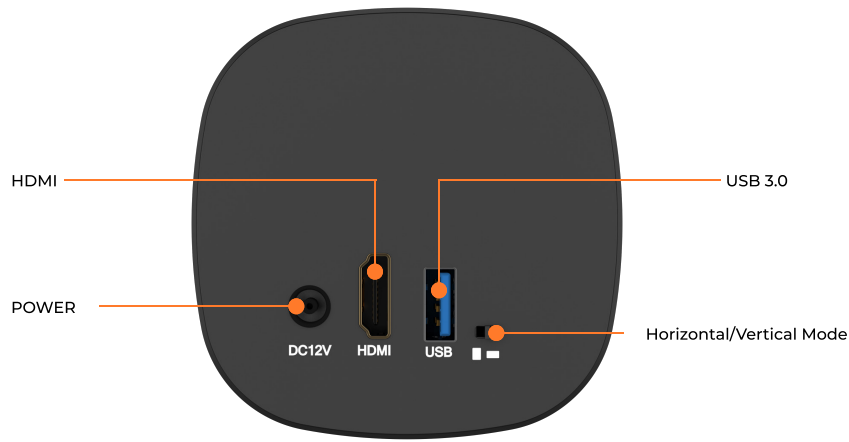
PACKSHOT's standout feature is its ability to swap between landscape and portrait formats at the flip of a switch. Featuring an integrated microphone with a 6-meter pickup range and background noise suppression, this camera is truly all you need to create a professional level broadcast.

Perfectly suited for product demonstrations, the 10x zoom lens allows tight close-up shots to highlight important features. It is equally suited for streamers and content creators looking for a reliable fixed angle camera

-  1080p@30Hz resolution
-  Adjustable Orientation
-  USB 3.0 and HDMI outputs
-  Near-field Focus



Gray



SPECIFICATIONS

Zoom

10x Optical Zoom

Video Output(s)

USB 3.0, HDMI

Audio Input(s)

Two Built-In MIC Pickups

Control

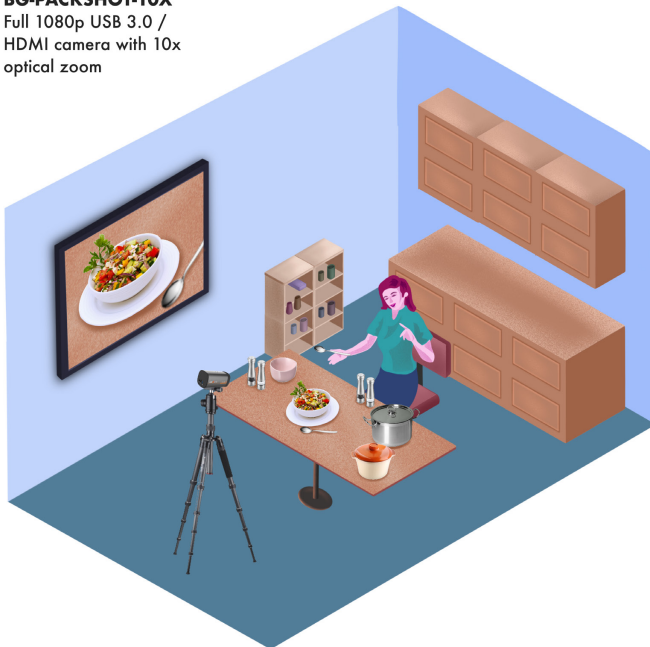
USB / UVC

Power Connections

Power Supply, USB



BG-PACKSHOT-10X
Full 1080p USB 3.0 /
HDMI camera with 10x
optical zoom



SUITABLE APPLICATIONS

Podcast

Fitness Instruction

Hobbyist

BUNDLE WITH:



BG-HDVS42U

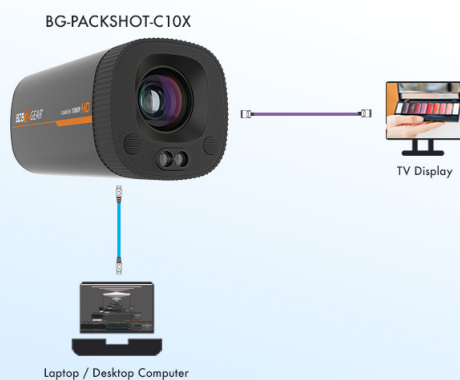
4-Channel HDMI Live Streaming
Video/Audio Mixer and Switcher



BG-CAP-HA

USB 3.0 Powered HDMI Capture Device

- HDMI
- USB 3.0






SPECIALTY CAMERAS

BG-NUCLEUS-10X

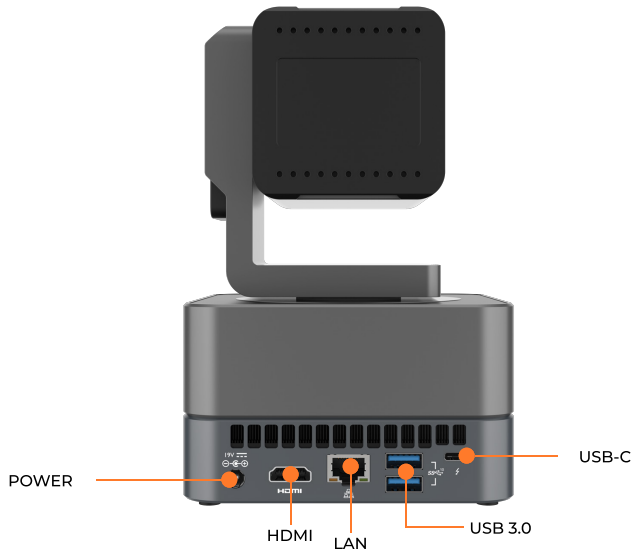
What exactly is the BG-NUCLEUS? Some say it's the result of a love affair between a camera and its PC. Others have suggested Divine Intervention. Regardless of its true origin, it is truly one of a kind—a complete presentation solution with an integrated PTZ camera.

We started with a powerful Intel NUC computer, then paired it with our VPTZ camera. The result is the perfect classroom and conference space solution. The fully functional PC runs Windows 10 and easily integrates to all major cloud platforms. The all-in-one form factor makes setup a breeze: simply connect power, a keyboard/mouse, a monitor, and you're ready to present!

-  1080p@60Hz
10X optical zoom
-  4K Computer
HDMI Output
-  i5 CPU, 16GB
RAM, 512 GB
M.2 SSD
-  Easy to Use



Gray



SPECIFICATIONS

Zoom
10x Optical Zoom
Video Output(s)
HDMI
Audio Input(s)
3.5 mm, Bluetooth
Control
(4) USB 3.1-G2, (1) USB-C, LAN
Power Connections
Power Supply



BG-SMB-4M
Speakerphone connection options:
Bluetooth or USB 3.0 cable



BG-NUCLEUS-10X
All-In-One PC/PTZ Camera with
10x optical zoom



SUITABLE APPLICATIONS

Business Conference Rooms
Healthcare
Education
House of Worship

BUNDLE WITH:



BG-SMB-4M
USB/Bluetooth Wireless Desktop
Conference Speakerphone



BG-FS8260
8-Port 1G Ethernet PoE+ Switch, 8XPoE+
Ports @130W, w/ 2X1Gb SFP Uplinks,
Fanless Powered by FS





SPECIALTY CAMERAS

BG-B20SHA

BG-B20SHA utilizes a 1/2.8" Sony® CMOS sensor to produce a full 1080p@60Hz HD picture. It comes equipped with a powerful 20x optical zoom lens and a distortion-free 65° horizontal field of view. Designed for connectivity and live streaming flexibility, this versatile camera can simultaneously output IP, 3G-SDI, and HDMI video feeds.

Simplify your install and eliminate the need for a power supply by utilizing the PoE (Power over Ethernet) connection. H.264/H.265 video compression and RTMP(S) network protocols deliver a full HD 1080p video stream with low bandwidth requirements. Also equipped with an RS232/RS485 connection and an external audio 3.5 mm input.



1080p@60Hz



External Audio Output



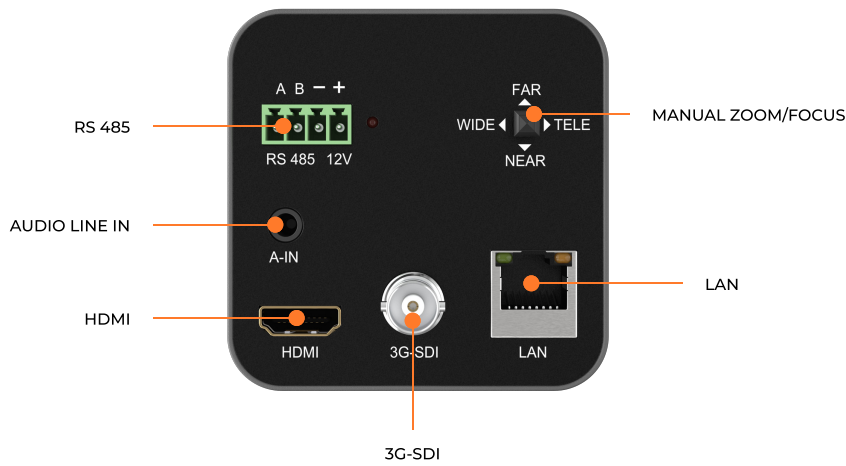
HDMI, 3G-SDI, IP



Versatile Angles



Silver

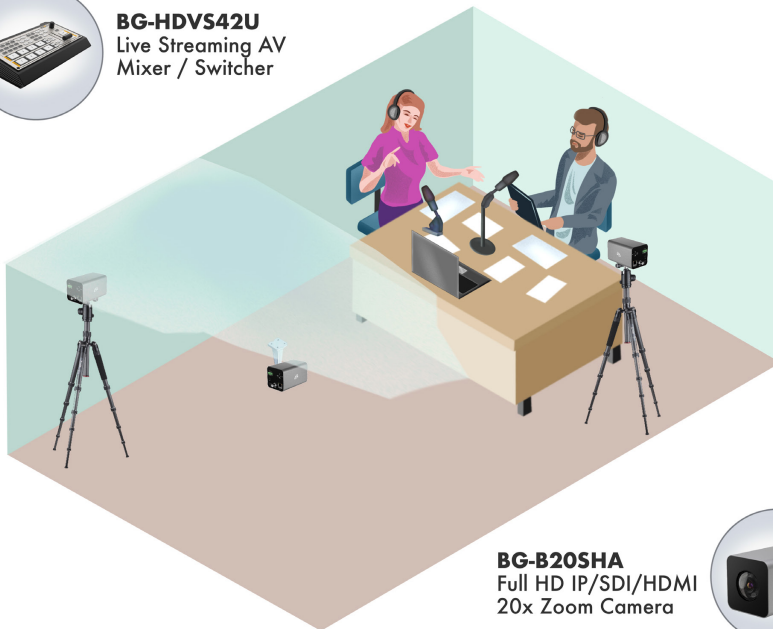


SPECIFICATIONS

Zoom
20x Optical Zoom
Video Output(s)
HDMI, SDI, LAN
Audio Input(s)
3.5 mm
Control
RS232, RS485, LAN
Power Connections
Power Supply



BG-HDVS42U
Live Streaming AV
Mixer / Switcher



BG-B20SHA
Full HD IP/SDI/HDMI
20x Zoom Camera



SUITABLE APPLICATIONS

Business Conference Rooms
Video Podcasts
Healthcare
Education
Houses of Worship

BUNDLE WITH:



BG-HDVS42U

4-Channel HDMI Live Streaming
Video/Audio Mixer and Switcher



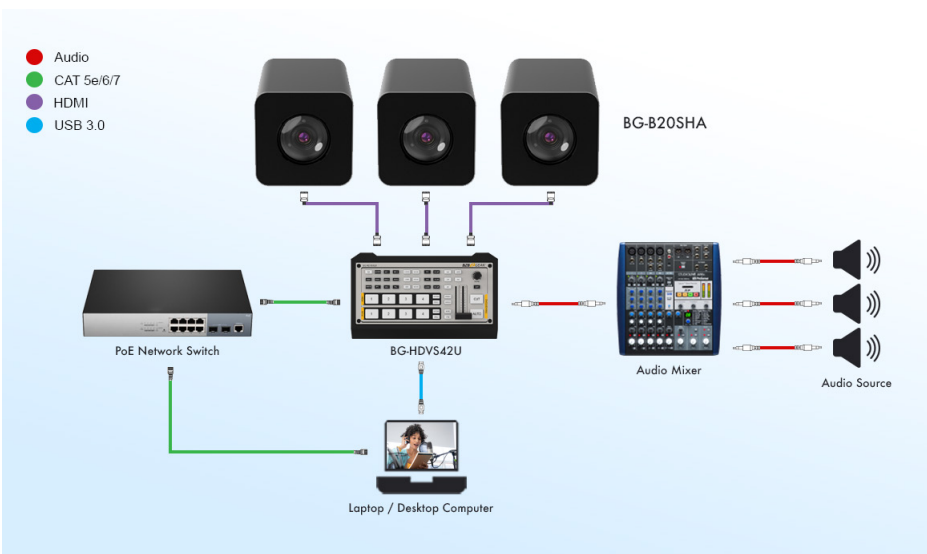
BG-SMB-5M

USB/2.4G Wireless Desktop Conference
Speakerphone with 360 Degree Audio



BG-FS8260

8-Port 1G Ethernet PoE + Switch





CONFERENCE WEB CAMERAS

BG-EPTZ-AF

The BG-EPTZ-AF auto-framing camera detects how many people are in the room and automatically zooms and reframes the image ensuring all attendees are centered in the frame. Thanks to its 1/2.5" 8 MP CMOS sensor, the BG-EPTZ-AF records in 4K@30 FPS capturing every detail. With a USB 3.0 port, simultaneous main and sub-stream output is possible as well. This camera is a great choice for small to medium sized businesses, educators, and other presentation needs.



Auto Framing



Wide Angle



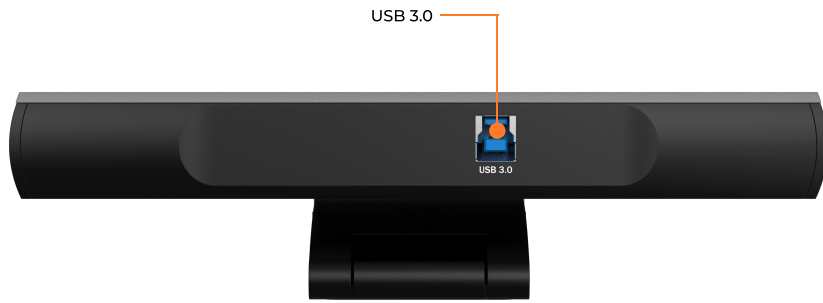
4K@30Hz



USB 3.0



Gray



SPECIFICATIONS

Zoom
4x Digital Zoom
Video Output(s)
USB 3.0
Audio Input(s)
Two Built-In MIC Pickups
Control
IR Remote
Power Connections
USB 3.0



BG-EPTZ-AF
4K ePTZ USB Camera with
Auto-Framing Function

BG-PS41-BYOD-4K
Conference Room Wireless
Presentation Switcher w/
HDM/USB-C/Soft Codec



BG-SMB-4M
USB/Bluetooth Wireless
Desktop Conference
Speakerphone



SUITABLE APPLICATIONS

Conference Rooms
Education
Healthcare

BUNDLE WITH:



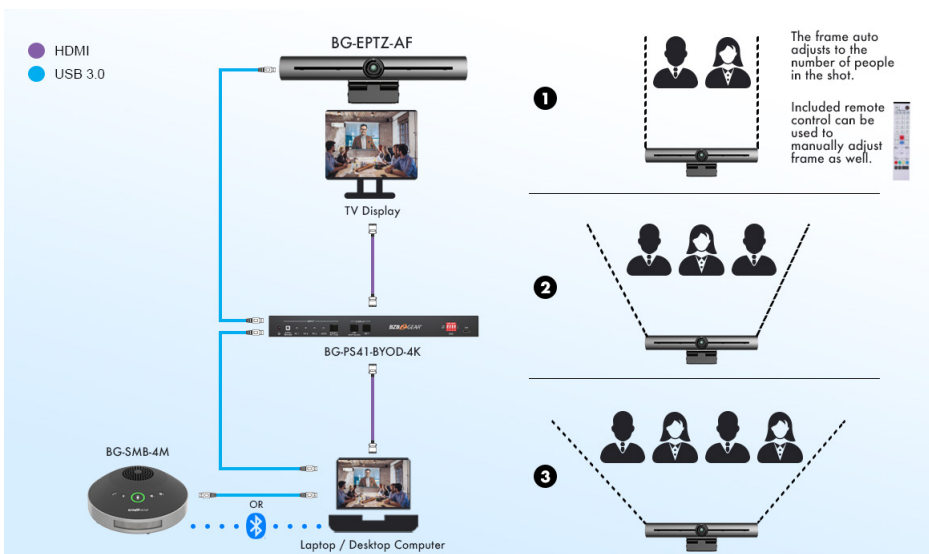
BG-PS41-BYOD-4K

4-Port 4K Conference Room Wireless
Presentation Switcher w/HDMI/USB-C/
Soft Codec



BG-SMB-4M

USB/2.4G Wireless Desktop Conference
Speakerphone with 360 Degree Audio
Pickup up to 5M





CONFERENCE WEB CAMERAS

BG-EPTZ-UH4K

A powerful webcam in the hands of educators, students, remote employees, and other home broadcasters, this compact webcam captures 4K@30Hz at up to 4x digital zoom. It offers an extended degree of flexibility, empowering users to output the camera to USB 3.0 and HDMI simultaneously.

With electronic pan/tilt/zoom, BG-EPTZ-UH4K is a great option for zooming and shifting the image to focus on different subjects in a 130° field of view. Equipped with an omnidirectional microphone, this camera has the ability to clearly pick up voices 8 meters away.



4K Ultra HD



Wide Angle 130°



USB 3.0



HDMI Output



Black



SPECIFICATIONS

Zoom
4x Digital Zoom @ 1080p
Video Output(s)
HDMI, USB 3.0
Audio Input(s)
omnidirectional microphone
Control
IR Remote
Power Connections
USB 3.0



BG-EPTZ-UH4K
4K ePTZ USB and
HDMI Camera



SUITABLE APPLICATIONS

Education
Hobbyists
Remote Employees

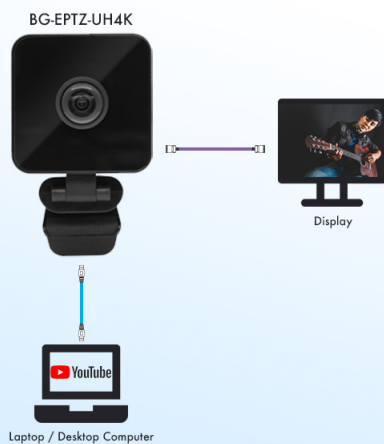
BUNDLE WITH:



BG-SMB-4M

USB/2.4G Wireless Desktop Conference
Speakerphone with 360 Degree Audio
Pickup up to 5M

- USB 3.0
- HDMI





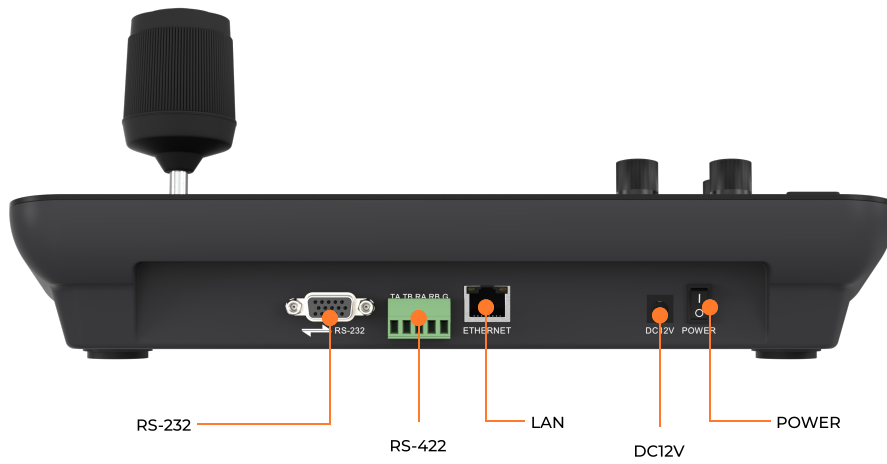
PTZ CONTROL

BG-COMMANDER

BG-COMMANDER PTZ Joystick Controller gives users instantaneous and accurate pan, tilt, and zoom control for both IP and serial controllable PTZ cameras. Quickly capture vital angles for both recorded and live streaming professional broadcasts. Its solid, durable case ensures reliability for both mobile production and permanently installed environments.

Control PTZ cameras from long distances by implementing any of the four control modes: two IP modes (IP VISCA / ONVIF) and two analog modes (RS422 / RS232).





SPECIFICATIONS

Software

Linux

Control Protocols

VISCA, ONVIF, PELCO-P, PELCO-D,
VISCA OVER IP

Output(s)

RS422, RS232, RJ45

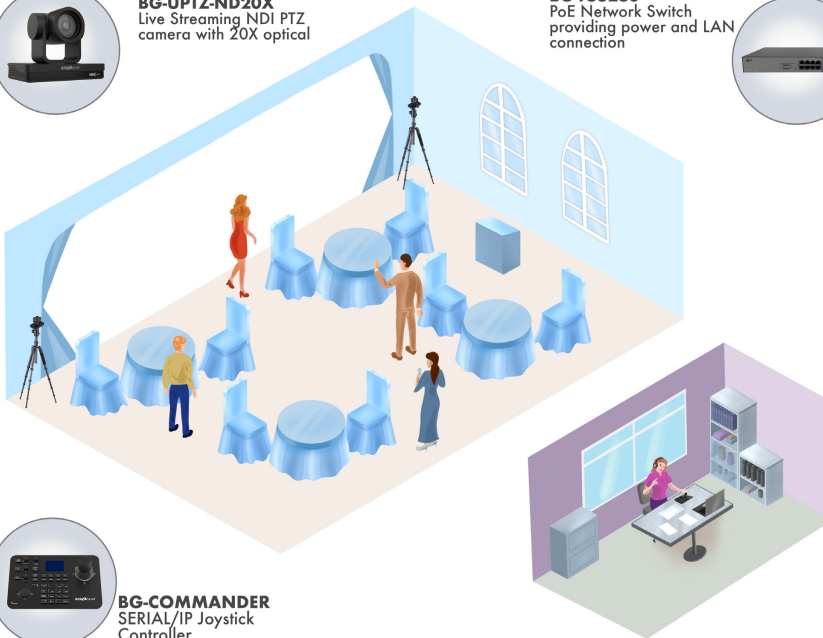
Power Connections

Power Supply, Power over Ethernet



BG-UPTZ-ND20X
Live Streaming NDI PTZ
camera with 20X optical

BG-FS8260
PoE Network Switch
providing power and LAN
connection



BG-COMMANDER
SERIAL/IP Joystick
Controller

SUITABLE APPLICATIONS

Houses of Worship

Live Events

Sporting Events

Studios

BUNDLE WITH:



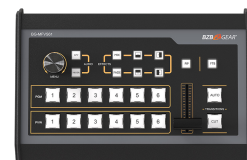
BG-UPTZ

12X/20X/30X Universal PTZ HDMI/SDI/
USB 3.0 RS232/485 Live Streaming
Camera Series



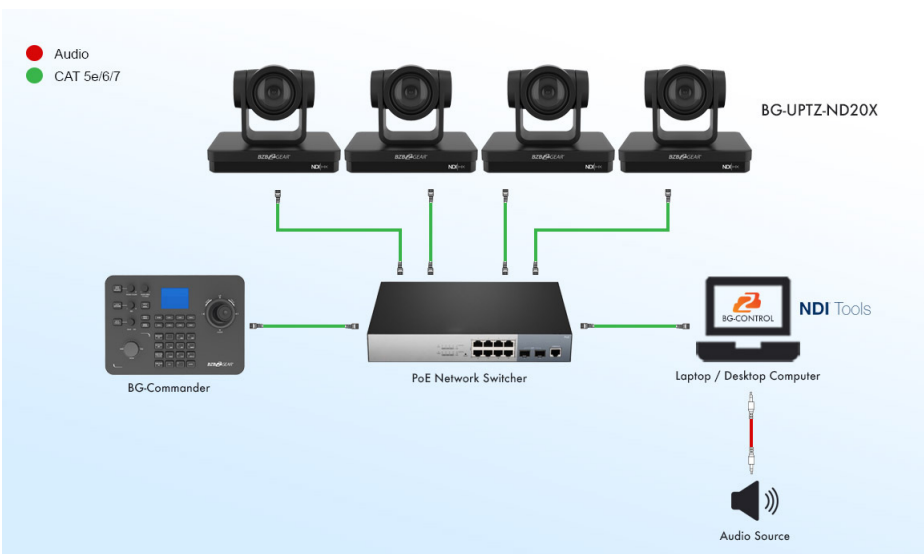
BG-FS8260

8-Port 1G Ethernet PoE+ Switch



BG-MFVS61-G2

6-input 3G-SDI and HDMI Video Mixer
and Production Switcher with Integrated
Capture





PRODUCTION SWITCHERS

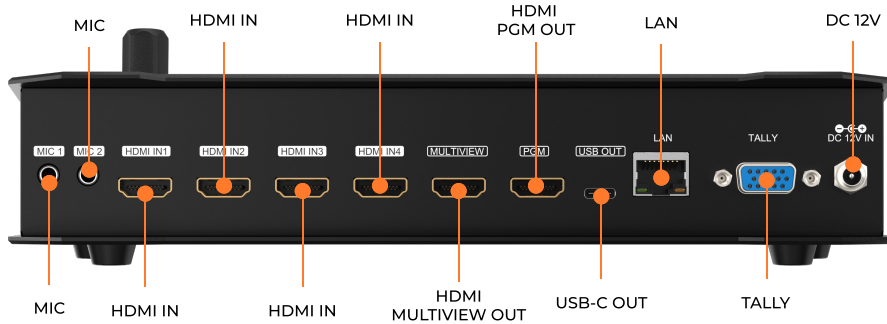
BG-HDVS42U

BG-HDVS42U is a compact 4-channel HDMI video switcher supporting live video switching, audio mixing, program and multiview outputs, PIP/POP, and custom logo overlay.

Monitor all 4 HDMI sources in addition to the preview and program sources on a single display with the multiview HDMI output. A variety of transition options (T-Bar, Auto, Cut) and effects (Wipe, Mix, Dip) keep things running smoothly while the HDMI embedded audio and two mic inputs allow audio mixing from microphones or external audio feeds. The USB-C output captures the program output for streaming from a PC or Mac, and the LAN port provides PC control via the included software.

- 
HDMI
- 
Audio Mixer
- 
USB-C Output for Recording or Streaming
- 
T-bar/Auto/Cut





SPECIFICATIONS

Software

Linux

Video Output(s)

HDMI type-A PGM, HDMI type-A Multiview, USB2.0 type C, Assignable HDMI 1~4, PGM, Clean PGM, PVW, Color bar, Multiview

Audio Input(s)

MIC / Line level (3.5 mm stereo audio) x2

Control

LAN port for PC software remote control

Power Connection

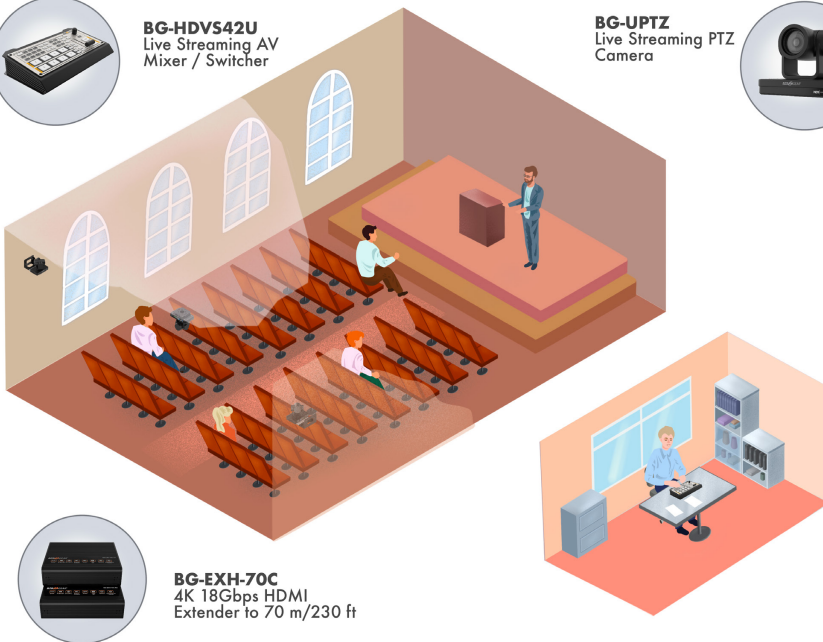
Power Supply



BG-HDVS42U
Live Streaming AV
Mixer / Switcher



BG-UPTZ
Live Streaming PTZ
Camera



BG-EXH-70C
4K 18Gbps HDMI
Extender to 70 m/230 ft

SUITABLE APPLICATIONS

Houses of Worship

Live Events

Conferences

Studios

BUNDLE WITH:



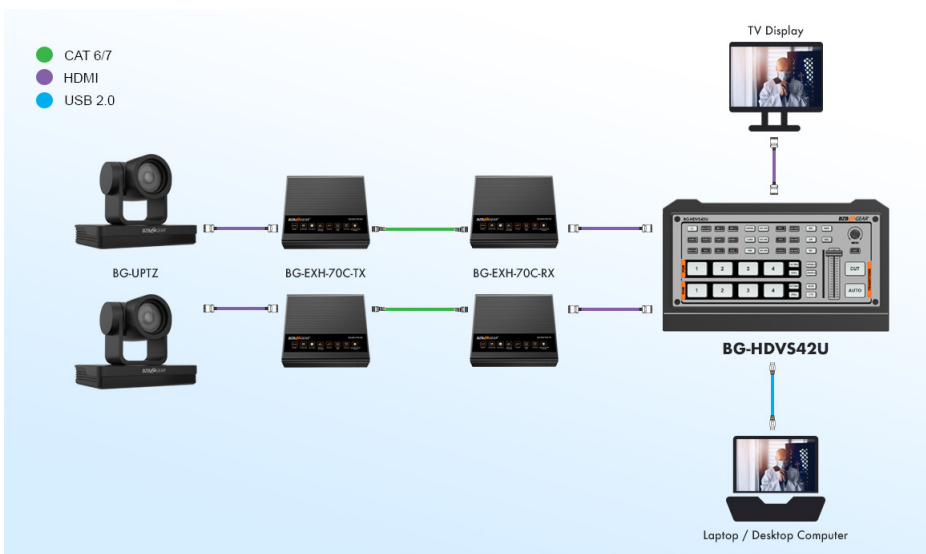
BG-UPTZ

12X/20X/30X Universal PTZ HDMI/SDI/
USB 3.0 RS232/485 Live Streaming
Camera Series



BG-EXH-70C

4K 18Gbps HDMI Extender with Bi-
directional IR and Zero Latency up to 70
m / 230 ft





PRODUCTION SWITCHERS

BG-MFVS61-G2

The compact yet powerful BG-MFVS61-G2 production switcher is the ideal device for mobile events with limited space. Lightweight and portable, this unit is designed for multi-camera live streaming. The integrated USB capture function makes it simple to stream directly to your social media platform of choice. Four SDI and two HDMI inputs connect virtually any HD video device, and the integrated scaler outputs a 1080p@60Hz HD image regardless of input resolution.

The integrated audio mixer eliminates the need for outboard equipment with the ability to mix from a 3.5 mm or RCA external source or de-embed from any of the six SDI/HDMI input channels.

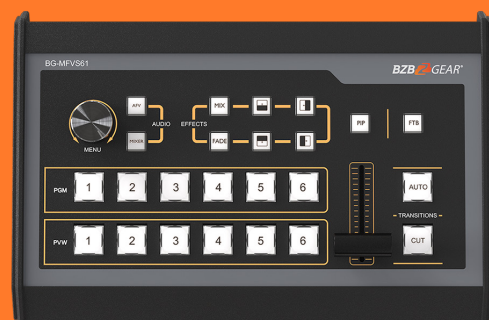
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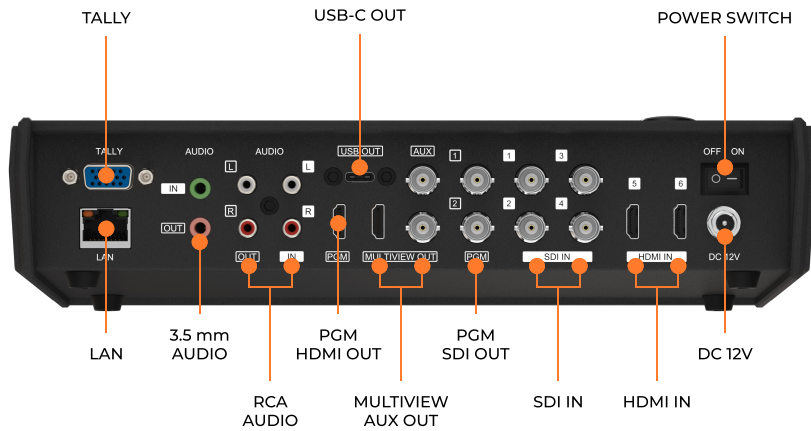
Audio Mixer
- 

SDI, HDMI
- 

T-bar/Auto/Cut
- 

1080p@60Hz Support





SPECIFICATIONS

Video Input(s)

(4) SDI, (2) HDMI

Video Output(s)

(2) SDI PGM, (1) HDMI PGM,
(1) SDI AUX

Audio Input(s)

3.5 mm stereo audio, RCA

Audio Output(s)

3.5 mm stereo audio, RCA

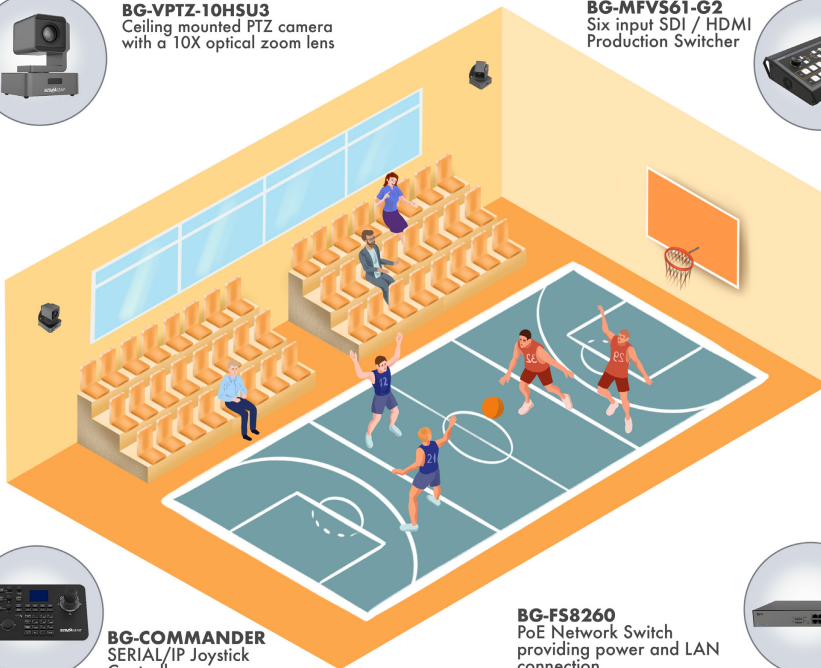
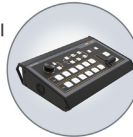
Power Connection

Power Supply



BG-VPTZ-10HSU3
Ceiling mounted PTZ camera
with a 10X optical zoom lens

BG-MFV561-G2
Six input SDI / HDMI
Production Switcher



BG-COMMANDER
SERIAL/IP Joystick
Controller

BG-FS8260
PoE Network Switch
providing power and LAN
connection



SUITABLE APPLICATIONS

Houses of Worship

Live Events

Conferences

Studios

BUNDLE WITH:



BG-UPTZ

12X/20X/30X Universal PTZ HDMI/SDI/
USB 3.0 RS232/485 Live Streaming
Camera Series

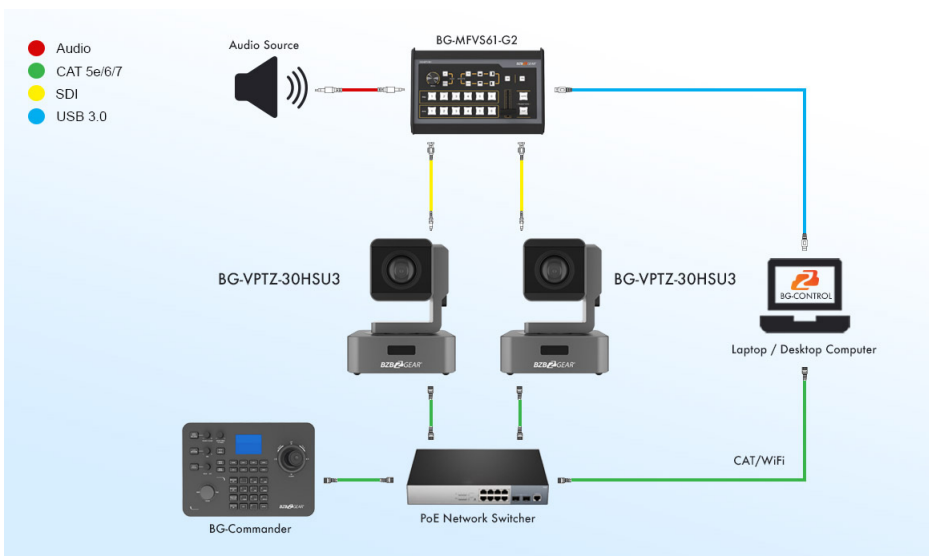


BG-FS8260

8-Port 1G Ethernet PoE+ Switch



BG-COMMANDER
PTZ Joystick Controller





CAPTURE & CONVERTING DEVICES

Capture cards and video converters are designed to convert video signals from one format to another. In the case of a capture card, its purpose is to convert the video signal to USB for editing, storing, or streaming from a computer.

BZBGEAR brings five capture cards to the game! Our lineup begins with BG-4KCH supporting 4K@30Hz HDMI signals. BG-CSA is a 1080p@60Hz SDI capture card while BG-CAP-HA, BG-C2HA, and BG-CHA support HDMI. All devices are compatible with PCs and Macs.

CAPTURE DEVICES



CONVERTERS





BG-4KCH



BG-CSA

	BG-4KCH	BG-CSA
Input Resolution	4K2K@30	1080p@60Hz
Output Resolution	4K2K@30	1080p@60Hz
Video Input(s)	HDMI	SDI
Video Output(s)	USB-C	USB 3.0, SDI Loop-Out
Audio Input(s)	HDMI Embedded Audio	SDI Embedded Audio, 3.5mm Analog Stereo Audio
Power Connection	USB-C	USB 3.0



BG-CHA



BG-CAP-HA



BG-C2HA

	BG-CHA	BG-CAP-HA	BG-C2HA
Input Resolution	1080p@60Hz	4K@60Hz	4K@60Hz
Output Resolution	1080p@60Hz	1080p@60Hz	1080p@60Hz
Video Input(s)	HDMI	HDMI	HDMI
Video Output(s)	USB 3.0	USB 3.0, HDMI Loop-Out	USB 3.0, HDMI Loop-Out
Audio Input(s)	Stereo	Stereo	Stereo
Power Connection	USB 3.0	USB 3.0	Power Supply



BG-HAVS



BG-SAVS

	BG-HAVS	BG-SAVS
Input Resolution	1080p@60fps	1080p@60fps
Output Resolution	1080p@60fps	1080p@60fps
Video Input(s)	HDMI	SDI
Video Output(s)	HDMI Loop-Out	SDI Loop-Out
Audio Input(s)	3.5 mm Analog	3.5 mm Analog
Power Connection	Power Supply	Power Supply



SPEAKERPHONES/MICS

The addition of a dedicated microphone or speakerphone can have a dramatic impact on the effectiveness of your presentation or video conference. BZBGEAR offers a full lineup of options including microphones, extension microphones, and speakerphones.

Our speakerphones and mics are equipped with features like rechargeable battery power, Bluetooth, USB, and active noise cancellation. BZBGEAR audio equipment is in stock and ready to ship from our facility directly to your doorstep.

SPEAKERPHONES



MICROPHONES





BG-SMB-4M



BG-SMB-5M

	BG-SMB-4M	BG-SMB-5M
Connection	USB, Bluetooth, 2.4G wireless	USB, 2.4G wireless, line in/out
Audio Output	3.5 mm	3.5 mm
Pickup Range	4 meters	5 meters
Power	USB	USB
Power Connection	USB 3.0	USB 3.0



BG-EXM-SM5

	BG-EXM-SM5
Extension	10 meters (33 feet)
Microphone frequency	100Hz-22KHz
Microphone sound-pickup	360 degrees full range
Compatibility	Mac and PC
System Requirements	Windows 7, 8.1, 10 or 11; Mac OS X 10.7 or higher
Interface	RJ11



BG-MIC-U1

	BG-MIC-U1
USB Connector	B type, Digital Audio Interface Indicator
USB Types	USB 1.1, USB 2.0, USB 3.0
Power	USB

SPECIALTY CABLES

BZBGear sells SDI, HDMI, and USB cables for our customers' convenience. 3G-SDI cables are 75 ohm shielded coaxial cables with BNC connectors ranging in custom created lengths up to 328ft (100 m).

We also offer Active Optical HDMI Cables that support 4K and 8K resolutions, ranging in lengths up to 164ft (50 m). For long cable runs, BZBGear recommends using Fiber Optic HDMI cables over HDMI extenders to ensure the best overall image quality and reliability.

Our USB Active Optic cables support USB 3.0 with speeds up to 5Gbps. They are USB Type-A (Male) to Type-A (Female) extension cables designed to be used with short USB3.0 cables not exceeding 6ft in length.



75-OHM SHIELDED SDI CABLES

MODEL: BG-CAB-SDI

BZBGear SDI Cables are made using 75 ohm shielded coaxial cable with high-quality BNC connectors. They are designed to reliably support 3G-SDI cameras and equipment at resolutions up to 1080P over distances up to 100m.

- **BNC Connectors** – high quality connectors ensure a stable signal
- **1080p HD** – transmit signals up to 1080p@60Hz
- **Long Distance** – transmit signals up to 100m
- **Tested** – 3Ghz sweep tested to guarantee quality



75-OHM PREMADE SHIELDED SDI WITH DC SIAMESE CABLE

MODEL: BG-CAB-SDIS

BZBGear SDI Siamese cables are made using 75 ohm shielded coaxial cable with high-quality BNC connectors. The addition of a 2-conductor 18-gauge stranded copper wire allows power or serial control to be carried with the video signal on a single wire run. They are designed to reliably support 3G-SDI cameras and equipment at resolutions up to 1080p over distances up to 100m. The cables feature a woven shield to help reject electromagnetic interference and deliver pristine images free from artifacts. They are suitable for both temporary and permanent applications requiring a high-quality SDI connection.

- **Siamese Wire** – carries DC power or RS232/485 signal
- **1080p HD** – Transmit signals up to 1080p@60Hz
- **Long Distance** – Transmit signals up to 100m
- **Tested** – 3Ghz sweep tested to guarantee quality

SPECIALTY CABLES



75-OHM SHIELDED 12G SDI CABLES (UHD)

MODEL: BG-CAB-12SDI

BZBGEAR SDI cables are made using 75 ohm shielded coaxial cable with high-quality BNC connectors. They are designed to reliably support 12G-SDI cameras and equipment at resolutions up to 4K over distances up to 75m. The cables feature a woven shield to help reject electromagnetic interference and deliver pristine images free from artifacts. They are suitable for both temporary and permanent applications requiring a high-quality SDI connection.

- **Reliable** – designed to handle years of usage
- **4K UHD** – transmit signals up to 4K @ 60fps
- **Long Distance** – transmit signals up to 75m
- **Tested** – 3Ghz sweep tested to guarantee quality



HDMI 2.0 18GBPS 4K ACTIVE OPTICAL CABLE

MODEL: BG-CAB-HA

Our HDMI Optic cable can carry current HDMI standards, including 3D, 48-bit Deep Color, DTS-HD Master Audio and Dolby True HD signals for top-level PC gaming or for using your HDTV as a PC monitor.

- **4K x 2K 60Hz/fps YUV 4:4:4 at 8bit (18Gbps) Support**
- **3D, 4Kx2K, as well as 1080p, 720p, 480p**
- **DTS-HD Master Audio and Dolby True HD signals**



USB 3.0 AM/AF ACTIVE OPTICAL EXTENSION CABLE

MODEL: BG-CAB-U3A

Our USB Type-A Male to Type-A Female cable adheres to USB 3.0 standards by offering transfer speeds of up to 5 Gb/s. It features full shielding for error-free data transmissions, over-current protection.

- **Converts USB data signal to optical signal over fiber**
- **Supports all USB 3.0 devices (not compatible with USB 2.0/1.1)**
- **Fully featured Optical Transceiver integrated circuit includes a receiver and a transmitter**



HDMI 2.1 48GBPS 8K ULTRA HD ACTIVE OPTICAL CABLE

MODEL: BG-CAB-H21A

Enjoy a clear 8K picture and Multi-channel Audio with our new HDMI 2.1 fiber optic cable. Because fiber cable is slimmer and more flexible than HDMI cable, it makes our cable easier to install as it can get to areas that are hard to reach.

- **HEAC, ARC and HDR Support**
- **HDCP 2.2 certified**
- **DTS-HD Master Audio and Dolby True HD signals**
- **Support 8K@120Hz, 4K@60Hz, UHD, FHD, 3D, Ethernet, Audio Return Channel, HDR 4:4:4**

MOUNTS

BZBGEAR PTZ camera mounts provide a sturdy and secure mounting solution, allowing you to place your camera out of reach to prevent tampering. Our professional PTZ camera mounts give you flexibility when locating your camera that you can't get when setting up on a piece of furniture.

BZBGEAR universal PTZ camera mounts are designed with industry-standard ¼-20 attachment point, making them compatible with most PTZ cameras on the market. They are made with heavy gauge steel and are compatible with all types of wall surfaces.

BZBGEAR has PTZ camera mounts designed to securely attach cameras to either walls or ceilings. Regardless of your application, we have the solution.



UNIVERSAL PTZ CAMERA CEILING MOUNT

MODEL: BG-UCM

The Universal Ceiling Mount Bracket from BZBGEAR is a slim-profile mount designed to attach your PTZ camera to the ceiling. The mount features multiple mounting points to accommodate various mounting options and the rubberized surface prevents unwanted movement. It is constructed from heavy-gauge steel and covered with a powder-coated finish. This bracket mounts directly to wood, drywall, or masonry with the supplied anchors. Camera mounting hardware is included.



UNIVERSAL PTZ CAMERA WALL MOUNT

MODEL: BG-UWM

The Universal Wall Mount Bracket from BZBGEAR is a slim-profile mount designed to position a camera to any wall for secure and stable PTZ camera placement. The mount features multiple mounting points to accommodate various mounting options and the rubberized surface prevents unwanted movement. It is constructed from heavy-gauge steel and covered with a powder-coated finish. This bracket mounts directly to wood, drywall, or masonry with the supplied anchors. Camera mounting hardware is included.



Model: BG-UCM-B
Color: Black



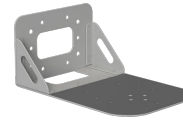
Model: BG-UCM-G
Color: Gray



Model: BG-UCM-W
Color: White



Model: BG-UWM-B
Color: Black



Model: BG-UWM-G
Color: Gray



Model: BG-UWM-W
Color: White



METAL CEILING MOUNT BRACKET FOR BZBGEAR VPTZ SERIES CAMERAS

MODEL: BG-VPTZ-CM

The BG-VPTZ-CM is a ceiling-mount bracket for BZBGEAR's VPTZ-Series cameras. It is a slim-profile mount designed to attach your camera to the ceiling. The mount has multiple holes for versatile mounting options. It is constructed from heavy-gauge steel and covered with a powder-coated finish. This bracket mounts directly to drywall, masonry, or wood.



METAL WALL MOUNT BRACKET FOR BZBGEAR VPTZ SERIES CAMERAS

MODEL: BG-VPTZ-WM

The BG-VPTZ-WM is a wall mount bracket for our VPTZ series cameras. It is designed to position a camera above or below a plasma or LCD monitor. The mount has multiple holes for versatile mounting and cable pass-through. It is constructed from heavy-gauge steel and covered with a powder-coated finish. This bracket mounts directly to drywall, wood, or masonry.



SPECIFICATIONS





	BG-UPTZ-12XHSU	BG-UPTZ-20XHSU	BG-UPTZ-30XHSU
Lens	12X Optical zoom	20X Optical zoom	30X Optical zoom
Horizontal View Angle	72.5°(W)~6.3°(T)	54.7°(W)~3.3°(T)	65.1°(W)~2.34°(T)
Image Sensor		1/2.8" Progressive CMOS	
Effective Pixels		2.07 Megapixels (16:9)	
Resolution		1080p@60/50, 1080i@60/50, 1080p@30/25, 720p@60/50	
Interface		USB 3.0, HDMI, 3G-SDI, LAN(POE), RS232/485, LINE IN	
Pan Rotation		340°(max. speed: 80°/s)	
Tilt Rotation		-30° to +90° (max. speed: 60°/s)	
Focus System		Auto/Manual	
S/N Ratio		≥50db	
Preset Position		9 preset positions by IR remote controller, 255 preset positions by Keyboard or PC	
Minimum Illumination		0.5 Lux (F1.8, AGC ON)	
Exposure Control		Auto/Manual/Priority AE/Exposure Compensation/Bright	
Shutter Speed		1/1~1/10,000s	
Gain		Auto/Manual	
White Balance		Auto/Manual/ATW/One-click/Indoor/Outdoor	
Image Effect		Full color/black and white/Electronic flip	
Video Output HD		HDMI, 3G-SDI, IP, USB 3.0	
Control Protocol		RTSP, RTMP, ONVIF, GB/T28181	
Power		12V DC	
Power Consumption		Max. 30W (DC 12V)	
Operating Temperature		0°C~+40°C	
Storage Temperature		-20°C~+60°C	
Camera Dimensions		(L)178 × (W)115.5 × (H)150.9mm	
Weight		3 lbs	
Color		Black, Silver, White	



	BG-VPTZ-10HSU3	BG-VPTZ-20HSU3	BG-VPTZ-30HSU3
Lens	12X Optical zoom	20X Optical zoom	30X Optical zoom
Image Sensor		1/2.7" Exmor CMOS (10X), 1/2.8" Exmor CMOS (20X), 1/2.8" Exmor CMOS (30X)	
Frame Rate		1080p@60Hz/59.94/50/30/29.97/25 - 1080i@60Hz/59.94/50/30/29.97/25 - 720p@60Hz/50/30/25, 480i@60Hz, 576i@50Hz	
F-number		1.6(W)-3.5(T) (10X), 1.6(W)-3.5(T) (20X), 1.3(W)-4.8(T) (30X)	
Focus		f=5.1mm~51mm (10X), f=4.7mm~94.0mm (20X), f=5.2mm~148.4mm (30X)	
Effective Pixels		2.70 Megapixel (10X), 2.38 Megapixel (20X), 2.70 Megapixel (30X)	
View Angle (H)		72° (10X), 65° (20X), 65.4° (30X)	
Min Illumination		0.5lux (F 1.8, AGC ON)	
Shutter Speed		1 to 1/10000s	
Image Adjustment		Vertical Flip & Mirror Supported	
Video Output		HDMI, 3G-SDI, USB 3.0, RJ45 Network (10/100M Adaptive Ethernet ports)	
Audio Input		1-ch 3.5mm audio interface, Line In	
Communication interface		1X RS232 IN, 1X RS232 Out, 1X RJ45, RS485	
Power Connection		DC IN 12V, Power over Ethernet	
Pan/Tilt Rotation		±178°, Tilt Rotation Angle -30°~ +90° - Pan 90°/s; Tilt: 90°/s	
Presets		Max 255 Presets (Remote 9 Presets)	
Network Protocol		VISCA, PELCO P/D, ONVIF Protocol	
Video standard		H.265/H.264/MJPEG	
Video Stream		Main stream, Sub stream	
Main stream resolution		1920x1080, 1280x720	
Sub stream resolution		720x480, 320x240	
Bit Rate		128K, 256K, 384K, 512K, 768K, 1024K, 1536K, 2048K, 3072K, 4096K, 5120K, 6144K, 8192K	
Bit Rate Type		Variable rate, Fixed rate	
Maximum Frame		60fps	
Audio encode standard		G.711, G.722, G.722.1, G.728, G.722.1C AAC	
Audio stream rate		96K, 128K, 256K	
Supported protocols		TCP/IP, RTSP, RTMP	
Dimensions		(L*W*H) 120mmx120mmx145mm	
Gross Weight		3.5 lbs	
Operating Temperature		-10°C ~ 50°C	
Max Consumption		12W DC12V@1A	



BG-ADAMO-4K	
HDMI Video Output	3840*2160p@60Hz/50/30/25/59.94/29.97 - 1080p@60Hz/50/30/25/59.94/29.97 1080i@60Hz/50/30/59.94 - 720p@60Hz/50/59.94
12G-SDI Video Output	3840*2160p@60Hz/50/30/25 - 1080p@60Hz/50/30/25 - 720p@60Hz/50
USB 3.0 Video Output	YUY2 : 1920*1080/1600*896 /1280*720 /1024*576 /960*540 /800*600/800*448 /720*576/720*480/P60/50/30/25; NV12 : 1920*1080/1600*896 /1280*720 /1024*576 /960*540 /800*600/800*448 /720*576/720*480/P60/50/30/25;
USB 2.0 Video Output *	MJPEG: 3840*2160P30; 1920*1080/1600*896 /1280*720 /1024*576 /960*540 /800*600/800*448 /720*576/720*480/640*480 /640*360 /480*270 /352*288/320*240P60/50/30/25; H264 : 3840*2160P30; 1920*1080 /1600*896 /1280*720 /1024*576 /960*540 /800*600 /800*448/720*576/720*480/640*480 /640*360 /480*270/352*288/320*240P60/50/30/25; YUY2 : 640*360 /480*270 /320*180P30/25 NV12 : 640*480 /640*360 /480*270 /320*180P30/25
LAN Video Output Format *	Main stream : 3840*2160/5-60fps; 1920*1080/5-60fps; 1280*720/5-60fps Substream : 720*480; 640*480; 640*360; 320*240; 320*180/5-30fps
Dimensions (LxWxH)	248 x 191 x 210 mm
Firmware selectable *	



BG-ADAMO-4KND	
HDMI Video Output	3840*2160p@60Hz/50/30/25/59.94/29.97 - 1080p@60Hz/50/30/25/59.94/29.97 1080i@60Hz/50/30/59.94 - 720p@60Hz/50/59.94
12G-SDI Video Output	3840*2160p@60Hz/50/30/25 - 1080p@60Hz/50/30/25 - 720p@60Hz/50
USB 3.0 Video Output	YUY2 : 1920*1080/1600*896 /1280*720 /1024*576 /960*540 /800*600/800*448 /720*576/720*480/P60/50/30/25; NV12 : 1920*1080/1600*896 /1280*720 /1024*576 /960*540 /800*600/800*448 /720*576/720*480/P60/50/30/25;
USB 2.0 Video Output *	MJPEG: 3840*2160p@30Hz; 1920*1080/1600*896 /1280*720 /1024*576 /960*540 /800*600/800*448 /720*576/720*480/640*480 /640*360 /480*270 /352*288/320*240P60/50/30/25; H264 : 3840*2160P30; 1920*1080 /1600*896 /1280*720 /1024*576 /960*540 /800*600 /800*448/720*576/720*480/640*480 /640*360 /480*270/352*288/320*240P60/50/30/25; YUY2 : 640*360 /480*270 /320*180p@30Hz/25 NV12 : 640*480 /640*360 /480*270 /320*180p30Hz/25
LAN/NDI Video Output Format *	Main stream : 3840*2160/5-60fps; 1920*1080/5-60fps; 1280*720/5-60fps Substream : 720*480; 640*480; 640*360; 320*240; 320*180/5-30fps
Dimensions (LxWxH)	248 x 191 x 210 mm
Firmware selectable *	



	BG-UPTZ-ND12X	BG-UPTZ-ND20X	BG-UPTZ-ND30X
Lens	12X Optical zoom	20X Optical zoom	30X Optical zoom
Horizontal View Angle	72.5°(W)~6.3°(T)	54.7°(W)~3.3°(T)	65.1°(W)~2.34°(T)
Image Sensor		1/2.8" Progressive CMOS	
Effective Pixels		2.07 Megapixels (16:9)	
Resolution		1080p@60/50, 1080i@60/50, 1080p@30/25, 720p@60/50	
Interface		USB 3.0, HDMI, 3G-SDI, LAN(POE), RS232/485, LINE IN	
Pan Rotation		340°(max. speed: 80°/s)	
Tilt Rotation		-30° to +90° (max. speed: 60°/s)	
Focus System		Auto/Manual	
S/N Ratio		≥50db	
Preset Position		9 preset positions by IR remote controller, 255 preset positions by Keyboard or PC	
Minimum Illumination		0.5 Lux (F1.8, AGC ON)	
Exposure Control		Auto/Manual/Priority AE/Exposure Compensation/Bright	
Shutter Speed		1/1~1/10,000s	
Gain		Auto/Manual	
White Balance		Auto/Manual/ATW/One-click/Indoor/Outdoor	
Image Effect		Full color/black and white/Electronic flip	
Video Output HD		HDMI, 3G-SDI, IP, USB 3.0	
Control Protocol		RTSP, RTMP, ONVIF, GB/T28181	
Power		12V DC	
Power Consumption		Max. 30W (DC 12V)	
Operating Temperature		0°C~+40°C	
Storage Temperature		-20°C~+60°C	
Camera Dimensions		(L)178 × (W)115.5 × (H)151mm	
Weight		3 lbs	
Color		Black, White	



BG-MAESTRO

Camera/ Lens Parameters	
Image Sensor	1/2.8" High Quality 4K CMOS Sensor
Effective pixels	8.28 Megapixel, 16:9
Video Format	SDI output: 1080p30Hz/25Hz; 720p60Hz/50Hz/30Hz/25Hz; U3 output: 1920X1080p30Hz /25Hz; 1280X720p60Hz /50Hz /30Hz /25Hz; 960X540p30Hz;800X600p30Hz; 640X360p30Hz; 640X480p30Hz; 352X288p30Hz; USB3.0 can be compatible with USB 2.0 output
View Angle	57.2° (D) /47° (H) /36° (V)
Focus	f=7.23mm
Aperture	F2.4+ 5%
Digital Zoom	3X
Minimum Illumination	0.5Lux (F1.8, AGC ON)
DNR	2D & 3D DNR
White Balance	Auto / Manual/ One Push/ Specified color temperature (2400K-7100K, step length is 100)
Focus	Manual
Exposure	Fixed
BLC	ON / OFF
DNR	>50dB
Input/Output Interface	
Video Interfaces	1xSDI interface 1xUSB interface 1xLAN interface: 10M/100M adaptive Ethernet port (support POE)
Video Compression Format	H.264, H.265, MJPEG, YUY2, NV12
Audio Input Interface	Double track 3.5mm linear Input
Audio Compression Format	AAC, MP3, G.711A
Network protocol	RTSP, RTMP, ONVIF, GB/T28181
Control Interface	RS232, RS485, LAN
Communication Protocol	VISCA, Pelco-D, Pelco-P, support baud rate 115200/38400/9600/4800/2400; Support VISCA Control Protocols
Power Interface	HEC3800 power socket (DC12V)
Other Parameters	
Input Voltage	Power Adapter: 12V POE Supply: 48V
Input Current	Power Adapter: 0.42A (max) POE Supply: 0.104A (max)
Power Consumption	5W (max)
Stored Temperature	-10°C ~ +60°C
Stored Humidity	20% ~ 95%
Working Temperature	-10°C ~ +50°C
Working Humidity	20% ~ 80%
Dimension (W x H x D)	149mm x 76mm x 76mm
Weight	Approx. 1.17 lbs



BG-LVUPTZ-HUS

Tracking camera, lens parameters	
Image Sensor	1/2.8" high quality CMOS sensor
Effective pixels	2,070,000 16:9
Video signal	1080p@60Hz/50/30/25/59.94/29.97 - 1080i@60Hz/50/59.94 - 720p@60Hz/50/30/25/59.94/29.97
Lens optics zoom	20X optical zoom f=4.7~94mm
Visual angle	2.9° (narrow angle) ~ 55.4° (wide angle)
Aperture coefficient	F1.6 ~ F3.5
Digital zoom	10X
Minimum Illumination	0.5Lux (F1.8, AGC ON)
Digital noise reduction	2D & 3D digital noise reduction
White balance	Manual/auto/one-key white balance /3000K/ 4000K/5000K/6500K
Focus	Auto/manual
Aperture	Auto/manual
Electronic shutter	Auto/manual
Backlight compensation	On/off
Wide dynamic	Off/dynamic grade adjustment
Video regulation	Brightness, hue, saturation, contrast ratio, sharpness, Gamma
Signal to noise ratio	>55dB
Panoramic lens	
Image sensor	1/2.8" high quality CMOS sensor
Effective pixels	2,100,000
Lens	Manual focus
Output port	Network port, HDMI, USB
Field angle (D/H/V)	112°/82°/57.6°
Input/output port and support protocol	
Video port	HDMI
Network port	100M internet access (10/100BASE-TX) 5GWiFi (optional), support network VISCA control protocol
Network protocol	RTSP, RTMP, ONVIF, GB/T28181
Compression image code stream	Dual stream output
Video compression format	H.265, H.264
Control signal port	RS-232/485
Control protocol	VISCA/Pelco-D/Pelco-P; Baud rate: 115,200/9,600/4,800/2,400bps
Audio input port	Stereo Audio 3.5mm line input
Audio compression format	AAC, MP3, PCM
Power port	HEC3800 power socket (DC12V)
Holder parameters	
Horizontal rotation	-170°~+170°
Vertical rotation	-30°~+90°
Horizontal control speed	0.1~100°/s
Vertical control speed	0.1~45°/s
Preset speed	Horizontal: 100°/s, vertical:45°/s
Preset quantity	User can set 255 presets at most (10 pcs of mobile control)
Other parameters	
Power adapter	Input AC110V-AC220V output DC12V/2.5A
Input voltage	DC12V±10%
Input current	1.5A (maximum)
Power consumption	18W (maximum)
Storage temperature	-10°C~+60°C
Storage humidity	20%~95%
Operating temperature	-10°C~+50°C
Operating humidity	20%~80%
Dimension (WxHxD)	254mm X 144mm X 174mm
Weight (approx.)	3.3 lbs
Remote maintenance (network port)	Remote upgrade, restart and reset



BG-LVUPTZ-SD

Tracking camera, lens parameters	
Image Sensor	1/2.8" high quality CMOS sensor
Effective pixels	2,070,000 16:9
Video signal	1080p@60Hz/50/30/25/59.94/29.97 - 1080i@60Hz/50/59.94 - 720p@60Hz/50/30/25/59.94/29.97
Lens optics zoom	20X optical zoom f=4.7~94mm
Visual angle	2.9° (narrow angle) ~ 55.4° (wide angle)
Aperture coefficient	F1.6 ~ F3.5
Digital zoom	10X
Minimum Illumination	0.5Lux (F1.8, AGC ON)
Digital noise reduction	2D & 3D digital noise reduction
White balance	Manual/auto/one-key white balance /3000K/ 4000K/5000K/6500K
Focus	Auto/Manual
Aperture	Auto/Manual
Electronic shutter	Auto/Manual
Backlight compensation	On/Off
Wide dynamic	Off/dynamic grade adjustment
Video regulation	Brightness, hue, saturation, contrast ratio, sharpness, Gamma
Signal to noise ratio	>55dB
Panoramic lens	
Image sensor	1/2.8" high quality CMOS sensor
Effective pixels	2,100,000
Lens	Manual focus
Output port	Network port, HDMI, USB
Field angle (D/H/V)	112°/82°/57.6°
Input/output port and support protocol	
Video port	SDI
Network port	100M internet access (10/100BASE-TX) 5GWiFi (optional), support network VISCA control protocol
Network protocol	RTSP, RTMP, ONVIF, GB/T28181
Compression image code stream	Dual stream output
Video compression format	H.265, H.264
Control signal port	RS-232/485
Control protocol	VISCA/Pelco-D/Pelco-P; Baud rate: 115,200/9,600/4,800/2,400bps
Audio input port	Stereo Audio 3.5mm line input
Audio compression format	AAC, MP3, PCM
Power port	HEC3800 power socket (DC12V)
Holder parameters	
Horizontal rotation	-170°~+170°
Vertical rotation	-30°~+90°
Horizontal control speed	0.1~100°/s
Vertical control speed	0.1~45°/s
Preset speed	Horizontal: 100°/s, vertical:45°/s
Preset quantity	User can set 255 presets at most (10 pcs of mobile control)
Other parameters	
Power adapter	Input AC110V-AC220V output DC12V/2.5A
Input voltage	DC12V±10%
Input current	1.5A (maximum)
Power consumption	18W (maximum)
Storage temperature	-10°C~+60°C
Storage humidity	20%~95%
Operating temperature	-10°C~+50°C
Operating humidity	20%~80%
Dimension (WxHxD)	254mm X 144mm X 174mm
Weight (approx.)	3.3 lbs
Remote maintenance (network port)	Remote upgrade, restart and reset



BG-PACKSHOT-10X

Camera Parameter	
Sensor	1/2.8 inch sensor
Effective pixels	2 Megapixel, 16:9
Video Format	<p>HDMI video format 1080I@60fps, 1080I@50fps, 1080P@30fps, 1080P@25fps, 720P@60fps, 720P@50fps</p> <p>USB3.0 interface video format Horizontal screen: 1920×1080@30fps, 1280×720@30fps, 1024×576@30fps, 960×540@30fps, 800×448@30fps, 640×360@30fps, 640×480@30fps, 320×176P30fps Vertical screen: 1080×1920@30fps, 720×1280@30fps, 576×1024@30fps, 540×960@30fps, 448×800@30fps, 480×720@30fps, 480×640@30fps</p>
View Angle	8.8°~68°
Focus Length	f=4.34mm~41.66mm
AV	F1.85 ~ F2.63
Optical Zoom	10X
Minimum Illumination	0.1Lux (F1.8, AGC ON)
DNR	2D&3D DNR
Super Auto noise reduction	On/Off
White Balance	Auto / Manual/ One Push /3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K
Focus	Auto/Manual/One Push Focus
Exposure	Auto/Manual
BLC	On/Off
SNR	>50dB
Vertical Screen Switch	On/Off
Focus Assist	On/Off
Minimum Object Distance	10cm(W)~100cm(N)
Input/Output Interface	
Video Output	<p>USB Interface: USB 3.0 HDMI Interface: HDMI 1.4</p>
Video Compression Format	YUV, NV12, MJPG, H.264
Audio Input	Built-in 2 MIC pickups
Control Interface	USB Interface
Other Parameter	
Input Voltage/Current	Voltage: Power Adapter 12 / USB 5V / Current: Power Adapter 0.425 / USB 1A(Max.)
Power Consumption	5W(Max.)
Stored Humidity	20%~90%
Working Temperature	-10°C~+50°C
Working Humidity	20%~80%
Dimension (W*H*D)	78mm×138mm×78mm
Weight	1.3 lbs



BG-NUCLEUS-10X

COMPUTER CHASSIS SPECIFICATIONS	
CPU Processor	i5 Intel NUC (up to 4.20 GHz)
RAM	16GB DDR4
Hard Drive	512 GB (M.2 SSD)
Input/output	4x USB 3.1 Gen 2 Type-A Ports 1x USB 3.1 Gen 2 Type-C Ports 3.5mm Line-in Audio Port RJ-45 LAN Connection 1x HDMI Video Output Connection (4K@60Hz Resolution Supported)
Connections	Bluetooth Connectivity Intel® Wi-Fi 6 AX201
CAMERA SPECIFICATIONS	
Resolution	1080p@60fps
Zoom	10X optical zoom lens with 65° horizontal FOV
PTZ Control	Infra-Red Remote Control, USB



BG-B20SHA

Camera Specs	
Sensor	1/2.8" Exmor CMOS Sensor, 2.38MP
Frame Rate	1080p@60Hz/50/30/25, 1080i@60Hz/50/30/25, 720p@60Hz/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	0.44 lbs
Operating Temperature	-10° C ~ 50° C
Max Consumption	12W DC12V @1A



BG-EPTZ-AF

Camera Parameters	
Image Sensor	1/2.5" High Quality 4K CMOS Sensor
Effective Pixels	8.28MP 16:9
Video output port	1x USB 3.0, Type B, support audio output over USB 3.0
Audio input	2 built-in MIC pickups
Video Format	Main stream: 3840x2160p@30Hz, 1920x1080p@30Hz/25, 1280x720p@30Hz/25, etc. Sub-stream: 1280x720p@30Hz/25, 640x480p@30Hz/25, 320x172p@30Hz/25, etc.
View Angle	126°(D)/120°(H)/85°(V)
Lens	f=2.72mm
Aperture	F2.5
Digital zoom	4X
Min Illumination	0.1Lux (F1.8, AGC ON)
DNR	2D & 3D DNR
Ultra-low illumination	On/off
White Balance	Auto / Manual/ One Push/ 3000K/ 3500K/ 4000K/ 4500K/ 5000K/ 5500K/ 6000K/ 6500K/ 7000K
Focus	Auto / Manual / One push Focus
Exposure	Auto / Manual
Auto framing	On/off/sensitivity
Backlight compensation	On/off
Dual stream	On/off
SNR	≥50dB
USB Features	
Operation Systems	Windows 7 (1080p at the most), Windows 8.1, Windows 10, Windows 11, macOS™ 10.10 or higher, Linux (Require to support UVC)
Video Compression format	YUY2, MJPG, H.264, H.265
Audio over USB 3.0	Support
USB communication protocol	UVC, UAC
PTZ control	Support EPTZ
Hardware requirement	2.4 GHz Intel@ Core 2 Duo processor or higher, 2GB RAM or more, USB 2.0 /USB 3.0 port (USB 3.0 is needed for 4K)
Other Parameters	
Input Voltage	5V
Input Current	1A (Max)
Power consumption	5W (Max)
Store Temperature	-10°C~+60°C
Store Humidity	20%-90%
Working Temperature	-10°C~+50°C
Working Humidity	20%-80%
Dimension (WxHxD)	222mm x 93mm x 57mm
Weight	1.17 lbs



BG-EPTZ-UH4K

Camera	
Video System	Sony 1/2.5" CMOS
Min Illumination	0.02Lux @ F1.8, AGC ON
Effective Pixel	4K@3820*2160
Digital Noise Reduce	2D, 3D
Zoom	4X Digital Zoom @ 1080p
Shutter	1/30s ~ 1/10000s
Lens	F=2.8mm FOV 130°
Auto Focus	Support
White Balance	Auto / Indoor /Outdoor/ ONE PUSH, Manual
USB Function	
Video Output	4K@30Hz/25; 1080p@30Hz/25; 1080i@60Hz/50/30/25; 720p@60Hz/50Hz
Encoding	H.265 / H.264 / MJPEG
UVC Protocol	Support
Video	UVC1.0 - UVC1.5
Audio Function	
Built-in	YES
Audio	USB 3.0
Voice Pickup Range	8 Meters
HDMI Interface	
Video Output	4K@30Hz/25; 1080p@30Hz/25; 1080i@60Hz/50/30/25; 720p@60Hz/50
Encoding	H.265 / H.264 / MJPEG
Audio Output	N/A
ePTZ	Support, 4X Digital Zoom @ 1080p
Interface: USB 3.0 Type B Female	Compatible with all interfaces below USB 3.0, support video, control, power supply, audio input and output
Interface: HDMI 2.0	Compatible with HDMI 2.0, 1.4, 1.3A, 1.3 and other interfaces, only supports video transmission
Dome Parameter	
Input Voltage	5V (USB 3.0)
Operation Temperature	-10°C ~+50°C (14)
Storage Temperature	-40°C ~ 60°C
MTBF	50000 hours
Camera Brackets	Brackets with Damper, Support±30° adjustment
Dimensions (L*W*H)	70*70*56mm (Bracket not included)



BG-COMMANDER

Protocol	VISCA, ONVIF, PELCO-P, PELCO-D, VISCA IP
Output	RS422, RS232, RJ45
Max. Cameras	7 via Serial Connection or 7 via IP
Max. Distances	RS-232: 50 ft, RS-485: 4000 ft, Ethernet: 328 ft
Baud Rate	1200-19200 bps
Screen	TFT LCD 320*240
Power consumption	≤5W
Power	DC12V-2A, PoE
Work temperature	-10°C ~55°C / 14°F~131°F
Work humidity	20%~80% frostless
Storage temperature	-10°C ~60°C / 14°F~140°F
Storage humidity	0~90% frostless
Weight	5.4 lbs
Dimensions (LxWxH)	324 x 238 x 146 mm



BG-HDVS42U

CONNECTION	
Video In	HDMI type-A x4
Video Out	HDMI type-A PGM x1 HDMI type-A Multiview x1 USB2.0 type C x1 (Streaming on PC) Assignable HDMI 1~4, PGM, Clean PGM, PVW, Color bar, Multiview
Audio In	MIC/ Line level (3.5mm stereo audio) x2
PC Control Port	LAN x1
Media Library	USB type-A x1 (USB disk port for image import and firmware upgrade)
Tally Port	DB-15 x1
Power In	DC 12V x1
FUNCTIONS	
Transitions	T-Bar/ AUTO/ CUT
Effects	Wipe (9x2 patterns)/ Mix/ DIP/ Pattern/ Still (freeze)/ MUTE/ FTB
Layouts	2 styles of Multiview layout (6 windows and status)
Keys	Upstream Key: Luma Key x1/ Chroma Key x1/ PiP x2/ POP / Downstream Key: DSK x1/ Logo x1
Audio Mixer	HDMI x4 and MIC/ Line level x2; Audio delay: 0-500ms
Media	Local image: up to 16 imported images
Generators	Pattern generator x1 / Color generators x2
STANDARDS	
HDMI In Format Support	1080p 60/ 59.94/ 50/ 30/ 29.97/ 25/ 24/ 23.98 / 1080i 50/ 59.94/ 60 720p 60/ 59.94 /50/ 30/ 29.97/ 25/ 24/ 23.98 576i 50, 576p 50, 480p 59.94/ 60, 480i 59.94/ 60
HDMI PGM Out	1080p 60/ 59.94/ 50/ 48/ 47.95/ 30/ 29.97/ 25/ 24/ 23.98; 1080i 60/ 59.94/ 50
HDMI Multiview Out	1080p 60/ 59.94/ 50/ 48/ 47.95/ 30/ 29.97/ 25/ 24/ 23.98; 1080i 60/ 59.94/ 50
HDMI Color Space	RGB/ YUV
USB Capture Out	MJPEG, Up to 1080p 60
Media Format	USB disk format support: FAT32, Ext3, Ext4, up to 256GB Image format support: png, bmp, jpg, gif, jpeg, ppm, pbm, tif, jps, mpo, tga Logo format support: png, bmp, jpg, gif, jpeg, ppm, pbm, tif, jps, mpo, tga Logo size support: 10×10 pixel to 600×600 pixel
OTHERS	
Power	Wide voltage: 7~24V; Operating power: 12W (12V 1A)
Dimension (L×W×D)	245 x 143 x 45 mm
Weight	Net: 2.3 lbs; Gross: 3.3 lbs
Temperature	Working: -20°C~60°C, Storage: -30°C~70°C



BG-MFVS61-G2

Inputs	
Video Inputs	P4×3G/HD/SD-SDI, 2×HDMI
SDI Input Format	1080p 60/59.94/50/30/29.97/25/24/23.98 / 1080psF 30/29.97/25/24/23.98 1080i 60/59.94/50 720p 60/59.94/50/30/29.97/25/24/23.98
HDMI Input Format	1080p 60/59.94/50/30/29.97/25/24/23.98/23.976 / 1080i 50/59.94/60 720p 60/59.94/50/30/29.97/25/24/23.98 576i 50, 576p 50
SDI Video Rate	Auto detection, SD/HD/3G-SDI
SDI Compliance	SMPTE 259M/ SMPTE 292M/ SMPTE 424M
Color Space and Precision	SDI: YUV 4:2:2, 10-bit; HDMI: RGB 444 8/10/12bit; YUV 444 8/10/12bit; YUV 422 8/10/12bit
Outputs	
PGM Outputs	PGM Outputs
PGM Output Format	1080p 60/50/30/25/24; 1080i 50/60
Multiview Output	1×3G-SDI; 1×HDMI Type A
Multiview Output Format	1080p 60
Audio:	
Audio Input	1×3.5mm Stereo audio; 1×RCA(L/R)
Audio Output	1×3.5mm Stereo audio; 1×RCA(L/R)
Others:	
GPIO	Tally
LAN	RJ45
Power	DC 12V, 1.8A
Consumption	≤ 22W
Operation Temperature	-20°C~60°C
Storage Temperature	-30°C~70°C
Operation Humidity	20%~70%RH
Dimension	330 x 244 x 67 mm
Weight	2.2 lbs



BG-4KCH

	Technical
Role of usage	Video Capture Device
Input Video bandwidth	297MHz
Output bandwidth	Up to 350Mbps (USB-C)
Video support (USB-C)	Up to 4K2K@30
Audio Input	HDMI Embedded Audio
Audio Format	2CH 16bit PCM
Recording Mode	Software Compression
Recording Video Format	RGB/YUY2/NV12 (USB3.1 Gen 1), YUY2/NV12 (USB2.0)
ESD protection	Human body model: ±15kV (air-gap discharge) & ±8kV (contact discharge)
PCB stack-up	4-layer board (impedance control — differential 100Ω; single 50Ω)
Firmware update	Feasible via USB-C Port
Input	1x HDMI
Output	1x USB-C
HDMI connector	Type A [19-pin female]
USB connector	USB 3.1 Type C (SuperSpeed USB)
Software compatibility (not complete list)	OBS Studio (Windows, Linux, MAC), Potplayer (Windows), VLC (MAC, Linux), AMCap (Windows), XSplit Boardcast (Windows), Skype (Windows, MAC), Zoom (Windows), Hangout (Windows), TeamViewer (Windows)
OS Support	Windows 7, 8.1, 10 or 11, Mac and Linux OS
	Mechanical
Housing	Metal enclosure
Dimensions (L x W x H)	Model: 77 x 38 x 19mm (3" x 1.5" x 0.7") Package: 165 x 111 x 42mm (6.4" x 4.4" x 1.7") Carton: 490 x 426 x 352mm (1'6" x 1'4" x 13.8")
Weight	Model: 58g (0.13 lbs) Package: 142g (0.31 lbs)
Power supply	Via USB-C
Power consumption	3 Watts (max)
Operation temperature	0~40°C, 32~104°F
Storage temperature	-20~60°C, -4~140°F
Relative humidity	20~90% RH (no condensation)



BG-CSA

	Technical
Max. Data Rate	350 Mbps
UAC Video Output Resolution	SMPTE 424M-2.97 Gbps 3G-SDI: 1080p at 50/59.94/60 Hz (4:2:2) SMPTE 274M-1.485 Gbps HD-SDI: 1080p at 23.98, 24, 25, 29.97, 30 Hz, 1080i at 50, 59.94, 60 Hz SMPTE 292M-1.485 Gbps HD-SDI: 1080i at 30 Hz, 720p at 60 Hz SMPTE 296M-1.485 Gbps HD-SDI: 720p at 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 Hz SMPTE 259M-270 Mbps SD-SDI: NTSC 525 at 59.94 Hz, PAL 625 at 50 Hz
UAC Audio Output Format	Stereo / 16-bit / 48000Hz
Recording Video Format	YUY2 (USB3.1 Gen 1), MJPG (USB2.0/3.1 Gen 1)
Audio Input	SDI Embedded Audio 3.5mm Analog Stereo Audio
Operating System Compatibility	Windows 7, 8.1, 10 or 11, Mac OS X 10.9 or above, Linux
3rd-Party Software Compatibility	OBS Studio (Windows, Linux)/AMCap (Windows) Potplayer (Windows)/Skype (Windows, OS X) Hangout (Windows)/TeamViewer (Windows)
Hardware Requirements	Desktop: Intel Core i5-3400+NVIDIA GTX660 or higher Notebook: Intel Core i7-4810MQ+NVIDIA GTX870M or higher+4GB RAM or higher
ESD protection	8 KV - Contact Discharge 15KV - Air Discharge
	Mechanical
Housing Design	Aluminum
Casing Style	Portable
Power Connection	Micro-USB Port
Power supply	5V DC, 1A
Power consumption	4 watts (Max)
Operating Humidity	20-90% RH (no condensation)
Operation temperature	0~40°C (32~104°F)
Product Weight	135g (0.3 lb)
Package Weight	270g (0.6 lb)
Certifications	CE, FCC, RoHS



BG-CHA

Technical	
Max. Data Rate	350 Mbps
UAC Video Output Resolution	UHD Video Standards: 1080p at 60/50/30/25/24 Hz HD Video Standards: 720p at 60/50/30/25/24 Hz 1080p at 23.98/24/25/29.97/30 Hz VESA Standards: 1280x1024p at 60/50/30/25/24 Hz 1280x720p at 60/50/30/25/24 Hz 1024x768p at 60/50/30/25/24 Hz 600p at 60/50/30/25/24 Hz 480p at 60/50/30/25/24 Hz
UAC Audio Output Format	Stereo / 16-bit / 48000Hz
Recording Video Format	YUY2 (USB3.1 Gen 1), MJPG (USB2.0/3.1 Gen 1)
Audio Input	HDMI Embedded Audio 3.5mm Analog Stereo Audio
Operating System Compatibility	Windows 7, 8.1, 10 or 11, Mac OS X 10.9 or above, Linux
3rd-Party Software Compatibility	OBS Studio (Windows, Linux) / AMCap (Windows) Potplayer (Windows) / Skype (Windows, OS X) Hangout (Windows) / TeamViewer (Windows)
Hardware Requirements	Desktop : Intel Core i5-3400+NVIDIA GTX660 or higher Notebook : Intel Core i7-4810MQ+NVIDIA GTX870M+4GB RAM or higher
ESD Protection	8 KV - Contact Discharge 15KV - Air Discharge
Mechanical	
Housing Design	Aluminum
Casing Style	Portable
Power Connection	Micro-USB Port
Power Supply	5V DC, 1A
Power Consumption	4 watts (Max)
Operating Humidity	20-90% RH (no condensation)
Operation temperature	0~40°C (32~104°F)
Product Weight	135g (0.3 lb)
Package Weight	270g (0.6 lb)
Certifications	CE, FCC, RoHS



BG-CAP-HA

Technical		
Description	HDMI to USB Video Capture Device	
Input	(1) HDMI In, (1) Audio In	
Input Connector	(1) Type-A HDMI, (1) 3.5mm jack	
Output	(1) HDMI Out, (1) USB, (1) Audio Out	
Output Connector	(1) Type-A HDMI, (1) Type-A USB, (1) 3.5mm jack	
HDMI Standard	2.0	
HDMI Input Resolution	Up to 4K@60Hz 4:4:4, HDR10	
HDMI Output Resolution	Up to 4K@60Hz 4:4:4, HDR10	
USB Output Color Space	YUV2, RGB	
HDMI Audio Format	LPCM 7.1 audio, Dolby Atmos®, Dolby® TrueHD, Dolby Digital® Plus, DTS:X™, and DTS-HD® Master Audio™ pass-through	
Microphone Audio Format	PCM 2.0	
Headphone Audio Format	PCM 2.0	
OS Support	Windows, Mac OS X, Linux	
Compatible Media Player	OBS, PotPlayer, VLC and so on	
Video Capture Format	HDMI Source 4K@60Hz 4:4:4 1080p@60Hz 4:4:4 720p 480 576	Captured Video by USB 1080p@60Hz/720p 1080p@60Hz/720p 720p 480 576
	General	
	Operation Temperature	-5° to +55°C (+23° to +131°F)
	Storage Temperature	-25° to +70°C (-13° to +158°F)
	Relative Humidity	10% to 90%, Non-condensing
Dimension (W*H*D)	102mm x 13mm x 61mm	
Net Weight	0.17 lbs	



BG-C2HA	
	Technical
USB Compliance	3.0
Max. Data Rate	350 Mbps
Max. Resolution	1080p@60
Audio Support	2ch 16bit PCM
ESD Protection	8 KV - Contact Discharge, 15KV - Air Discharge
	Mechanical
Housing Design	Metal
Casing Style	Portable
Power Connection	Micro-USB Port
Power Supply	5V DC, 2A
Power Consumption	5 watts (Max)
Operating Humidity	20-90% RH (no condensation)
Operation temperature	0~40°C (32~104°F)
Product Weight	135g (0.3 lb)
Package Weight	270g (0.6 lb)
Certifications	CE, FCC, RoHS



BG-HAVS	
	CONNECTIONS
Video Input	HDMI Type A x 1
Video Loop Out	HDMI Type A x 1
Analog Audio	3.5mm (line in) x 1
Network	RJ-45 x 1 (100/1000Mbps self-adaptive Ethernet)
	STANDARDS
HDMI In Format Support	1080p 60/59.94/50/30/29.97/25/24/23.98/23.976, 1080i 50/59.94/60, 720p 60/59.94/50/30/29.97/25/24/23.98, 576i 50, 576p 50, 480p 59.94/60, 480i 59.94/60
Video Coding	H.265/ H.264
Video Bitrate	16Kbps ~ 12MKbps
Audio Coding	ACC/ MP3/ MP2/ G711
Audio Bitrate	24Kbps ~ 320Kbps
Encoding Resolution	1920×1080, 1680×1056, 1280×720, 1024×576, 960×540, 850×480, 720×576, 720×540, 720×480, 720×404, 720×400, 704×576, 640×480, 640×360
Encoding Frame Rate	5-60fps
	SYSTEMS
Network Protocols	HTTP, RTSP, RTMP, RTP, UDP, Multicast, Unicast, SRT
Configuration Management	Web configuration, Remote upgrade
	OTHERS
Consumption	5W
Temperature	Working temp: -10°C ~60°C , Storage temp: -20°C ~70°C
Dimension (LxWxD)	104 x 76 x 25 mm
Weight	Net weight: 0.7 lbs, Gross weight: 1.5 lbs



BG-SAVS	
	CONNECTIONS
Video Input	SDI Type A x 1
Video Loop Out	SDI Type A x 1
Analog Audio	3.5mm (line in) x 1
Network	RJ-45 x 1 (100/1000Mbps self-adaptive Ethernet)
	STANDARDS
HDMI In Format Support	1080p 60/59.94/50/30/29.97/25/24/23.98/23.976, 1080i 50/59.94/60, 720p 60/59.94/50/30/29.97/25/24/23.98, 576i 50, 576p 50, 480p 59.94/60, 480i 59.94/60
Video Coding	H.265/ H.264
Video Bitrate	16Kbps ~ 12MKbps
Audio Coding	ACC/ MP3/ MP2/ G711
Audio Bitrate	24Kbps ~ 320Kbps
Encoding Resolution	1920×1080, 1680×1056, 1280×720, 1024×576, 960×540, 850×480, 720×576, 720×540, 720×480, 720×404, 720×400, 704×576, 640×480, 640×360
Encoding Frame Rate	5-60fps
	SYSTEMS
Network Protocols	HTTP, RTSP, RTMP, RTP, UDP, Multicast, Unicast, SRT
Configuration Management	Web configuration, Remote upgrade
	OTHERS
Consumption	5W
Temperature	Working temp: -10°C ~60°C , Storage temp: -20°C ~70°C
Dimension (LxWxD)	104 x 76 x 25 mm
Weight	Net weight: 0.7 lbs, Gross weight: 1.5 lbs



BG-SMB-4M	
Specifications	
Voice technical parameters	Acoustic Echo cancellation (AEC): >65dB Echo length cancellation: ≥500ms Bidirectional noise compression (NC): <25dB Automatic Direction finding Technology of Intelligent microphone (EMI) Automatic gain control (AGC)
Audio parameters	Microphone frequency response: 100Hz-22KHz Speaker frequency response: 100Hz-22KHz Speaker volume: 95dB at the most Microphone sound-pickup diameter: 4m, 360 degrees full range
Interface	Bluetooth / USB interface, 3.5mm audio output
Power supply	USB power supply (5V/500m)
Computer environment	Windows, Mac OSX, Android
Operating environment	Operational environment: 0 ~ 40°C, Working humidity: 20 ~ 85% (no frost)
Size	141 x 141 x 42 mm
Weight	0.57 lbs / 1.1 lbs (Net/Gross weight)



BG-SMB-5M	
Specifications	
Voice technical parameters	Acoustic Echo cancellation (AEC): >65dB Echo length cancellation: ≥500ms Bidirectional noise compression (NC): <25dB Automatic Direction finding Technology of Intelligent microphone (EMI) Automatic gain control (AGC)
Audio parameters	Microphone frequency response: 100Hz-22KHz Speaker frequency response: 100Hz-22KHz Speaker volume: 95dB at the most Microphone sound-pickup diameter: 5m 360 degrees full range (2 external microphones optional for connection makes the sound-pickup diameter up to 8m)
Interface	USB interface, RJ45 Ext1, Ext2, I/O line in/out, DIP6 interfac
Power supply	USB power supply (5V/500m)
Computer environment	Windows, Mac OSX, Android
Operating environment	Operational environment: 0 ~ 40°C, Working humidity: 20 ~ 85% (no frost)
Size	180 x 180 x 42 mm
Weight	1.3 lbs / 2.6 lbs (Net/Gross weight)



BG-EXM-SM5	
Specifications	
Extension	10 meters (33 feet)
Microphone frequency	100Hz-22KHz
Microphone sound-pickup	360 degrees full range
Compatibility	Mac and PC
System Requirements	Windows 7, 8.1, 10 or 11; Mac OS X 10.7 or higher
Interface	RJ11



BG-MIC-U1

Specifications	
Capsule Type	Electret Condenser
USB Connector	B type, Digital audio interface Indicator
Indicator	USB (Mic OFF) - Green Mic ON - Red
Switch	Push control: ON/OFF
Sensitivity(at 1000Hz)	$-53 \pm 3 \text{ dB} * (2.23\text{mV}) \text{ 0dB} = 1\text{V} / \mu\text{bar}$
Max. SPL For 1% T.H.D.	125dB
Frequency Response	30~12,000 Hz
Directional Pattern	Half-Cardioid
Power consumption	0.4W
Dimension (mm)	73mm(W) * 24mm(H) * 110mm(L)
Weight	0.17 lbs
DAC	32, 44.1, 48KHz
ADC	8, 11.025, 16, 22.05, 32, 44.1, 48KHz
Bit Depth	16-Bit
USB Type	USB 1.1 / USB 2.0 / USB3.0

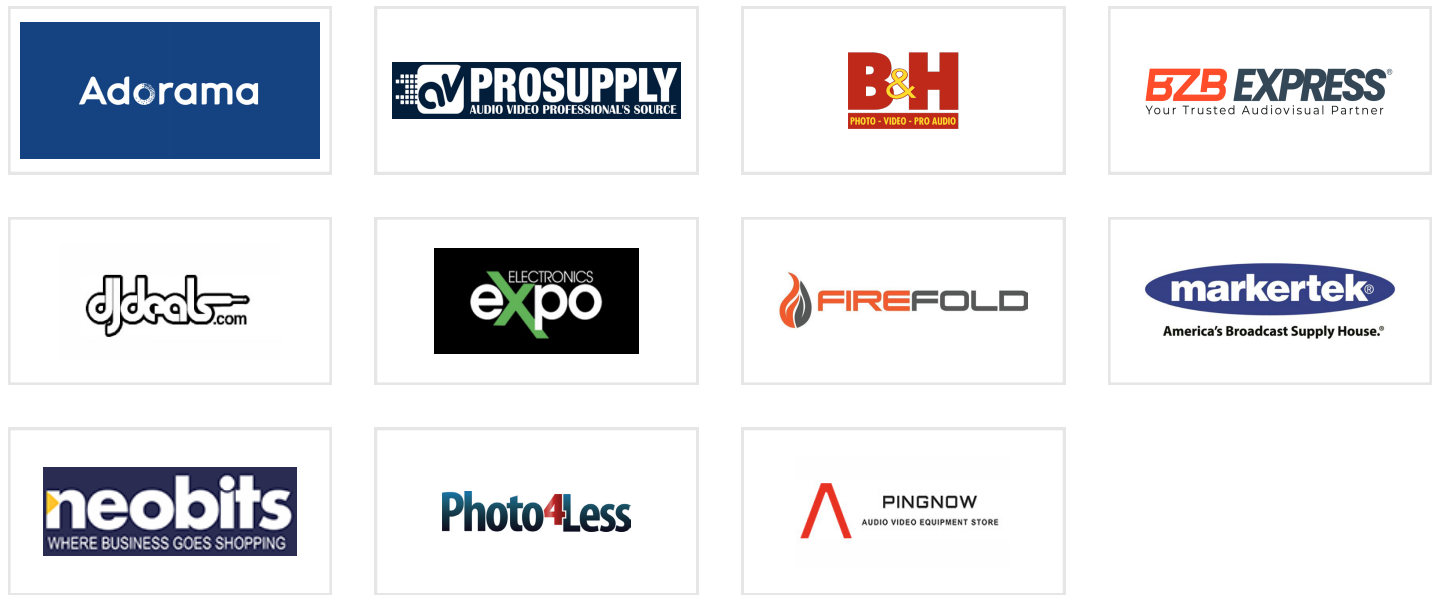
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bzbgear.com

1.888.499.9906

sales@bzbgear.com

support@bzbgear.com

info@bzbgear.com



830 National Drive, Suite 140
Sacramento, CA 95834, United States