

Essential Solutions

 **BZBGear**[®]
Essential

Catalog 2025

Solutions to Amplify
Your World

bzbgear.com

ABOUT BZBGear

Founded in 2019 and headquartered in Sacramento, California, BZBGear® has quickly emerged as a global leader and one-stop manufacturer of professional AV and broadcasting solutions. Dedicated to delivering excellence, BZBGear focuses on combining innovative design, exceptional user experience, and unparalleled lifetime product support.

Each solution is meticulously crafted by a team of expert hardware and software engineers to ensure superior quality and cutting-edge functionality. Recognized for its award-winning products and industry-leading support, BZBGear has become the go-to choice for AV and broadcast applications, trusted by professionals worldwide.

WHAT BZBGear HAS TO OFFER

BZBGear delivers comprehensive professional AV and broadcasting solutions, including live streaming and video production products. Our mission extends beyond providing exceptional gear—we pride ourselves on unparalleled customer service and reliable seven-days-a-week technical support. Our team is celebrated for delivering outstanding assistance and ensuring customer satisfaction at every step.

At BZBGear, we prioritize our customers' needs and concerns, offering the highest level of professional support. By fostering relationships built on integrity and trust, we approach every interaction with honesty and fairness, always striving to place ourselves in our clients' shoes.

Our vision is to make cutting-edge AV technology accessible to everyone at a fair price. Because everyone deserves to see, hear, and experience the remarkable advancements of today's AV world

Gear up with BZBGear!



youtube.com/c/bzbtvchannel



facebook.com/bzbgear



x.com/BZBGear



linkedin.com/company/bzbgear



instagram.com/bzbgear



www.bzbgear.com

LIMITED PRODUCT WARRANTY TERMS

Pro Line: 5-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Essential Line: 3-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Cables: Lifetime Limited Product Warranty.

For complete warranty information, please visit bzbgear.com/warranty.

For questions, please call **1.888.499.9906** or email support@bzbgear.com.

BZBGear WARRANTY

Pro Line Product

5-YEAR WARRANTY

Essential Line Product

3-YEAR WARRANTY

Cables Product

LIFETIME WARRANTY

BZBGear AWARDS

BZBGear takes pride in its portfolio of award-winning products, recognized at numerous prestigious trade show events. These accolades reflect the innovation, quality, and performance that define our solutions. Explore what sets our award-winning products apart and discover why professionals worldwide trust BZBGear for their AV and broadcasting needs!

2025 AWARDS



BEST OF SHOW AWARDS
AT INFOCOMM 2025



COMMERCIAL
INTEGRATOR BEST
AWARDS 2025



2025 SCN STELLAR
SERVICE AWARDS



TOP NEW TECHNOLOGY
(TNT) AWARD 2025



BEST OF SHOW
AT ISE 2025

2024 AWARDS



SVC INNOVATIVE
PRODUCTS: READERS'
CHOICE 2024



MEDIA & ENTERTAINMENT:
BEST IN MARKET 2024
AWARDS



PRO AV BEST IN MARKET
AWARDS 2024



BEST OF SHOW - IBC2024



BEST OF SHOW - CEDIA
2024



AV AWARDS 2024 -
FINALIST



COMMERCIAL
INTEGRATOR BEST
AWARDS 2024



SCN INSTALLATION
PRODUCT AWARDS 2024



2024 SCN STELLAR
SERVICE AWARDS



BEST OF SHOW - NAB
SHOW 2024: SOUND &
VIDEO CONTRACTOR
WINNER



TOP 5 PRODUCTS FOR
CHURCHES FROM NAB
2024



2024 INAVATION AWARDS
TECHNOLOGY FINALIST -
ISE 2024



BEST OF SHOW - ISE 2024:
AV TECHNOLOGY WINNER



BEST OF SHOW - ISE 2024:
SOUND & VIDEO
CONTRACTOR WINNER



BEST OF SHOW - ISE 2024:
RESIDENTIAL SYSTEMS
WINNER



2024 TOP NEW
TECHNOLOGY (TNT)
AWARD

2023 AWARDS



2023 BEST IN MARKET
AWARDS FOR MEDIA AND
ENTERTAINMENT - TV
TECH



BEST IN-FIELD
INTEGRATOR PRODUCT -
RAVE AGENCY - CIX 2023



BEST OF SHOW - IBC 2023



PROCESSING AND
DISTRIBUTION
TECHNOLOGY OF THE
YEAR - AV AWARDS 2023
FINALIST



INFOCOMM BEST OF
SHOW - TECH & LEARNING
MAGAZINE BEST OF
SHOW INFOCOMM
WINNERS 2023



INFOCOMM BEST OF
SHOW - SVC BEST OF
SHOW INFOCOMM
WINNERS 2023



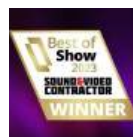
BEST MATRIX SWITCHER -
COMMERCIAL
INTEGRATOR 2023 BEST
AWARDS



MOST INNOVATIVE
STREAMING PRODUCT -
SCN INSTALLATION
PRODUCT AWARDS AT
INFOCOMM 2023



BEST SUPPORTING
CONTENT 2023 - SCN
STELLAR SERVICE
AWARDS



BEST OF SHOW AT NAB
2023 - SOUND AND VIDEO
CONTRACTOR



BEST OF SHOW AT ISE
2023 - TECH & LEARNING



BEST OF SHOW AT ISE
2023 - AV TECHNOLOGY



TOP NEW TECHNOLOGY
2023 - CEPRO &
COMMERCIAL
INTEGRATOR

TABLE OF CONTENTS

AUDIO

AUDIO CONVERTERS

BG-8K-AA	6
BG-8K-AD	7
BG-8K-SA	8
BG-8K-AE	9

CONFERENCE SPEAKERS/MICROPHONES

BG-OMNITALK	11
-------------	----

AV OVER IP

STREAMING ENCODERS / DECODERS

BG-HAVS	13
---------	----

CABLES

HDMI CABLES

BG-CAB-H21C	15
-------------	----

CAMERAS

PTZ CAMERAS

BG-BPTZ-XU	17
BG-VPTZ-HSU3	18
BG-VPTZN-HSU3	19
BG-UPTZ	20
BG-UPTZ-ND	21
BG-CAM-USB4K	22

EPTZ CAMERAS

BG-EPTZ-UH4K	24
BG-EPTZ-AF	25

BOX CAMERAS

BG-PACKSHOT-C10X	27
BG-MAESTRO	28
BG-MAESTRO-H	29

CAPTURE CARDS

BG-CAP-HA	31
BG-CHA	32
BG-CSA	33
BG-4KCH	34

CONVERTERS

BG-H3GS	36
BG-3GSH	37
BG-UHD-SCVEA	38

JOYSTICK CONTROLLERS

BG-COMMANDER-JR	40
-----------------	----

MOUNTS

BG-VPTZ-CM	42
BG-VPTZ-WM	42
BG-VPTZ-TPM	42

MULTIVIEWERS

BG-MV41A	44
BG-MV41A-G2	45
BG-MKVM41R	46

SIGNAL EXTENDERS

HDMI EXTENDERS OVER CATEGORY CABLE

BG-EXT-H70P	48
BG-EXH-150C	49

KVM/USB EXTENDERS OVER CATEGORY CABLE

BG-EXHKVM-70C	51
---------------	----

WIRELESS EXTENDERS

BG-AIR4KAST	53
-------------	----

SPLITTERS / AMPLIFIERS

HDMI SPLITTERS

BG-DA-14	55
BG-8K-DA12	56
BG-8K-DA12A-G2	57
BG-8K-DA14	58
BG-8K-DA14A-G2	59
BG-DA-18G2	60

LONG-RANGE HDMI SPLITTERS

BG-HDA-E14	62
BG-HDA-E18	63

SDI SPLITTERS

BG-3GS12	65
BG-3GS14	66

VIDEO SWITCHERS

BASIC SWITCHERS

BG-8K-HS21	68
BG-SW-41A	69
BG-8K-HS41	70
BG-8K-HS21A	71
BG-8K-HS41A	72
BG-8K-HCS41	73

MATRIX SWITCHERS

BG-UHD-42M	75
BG-MVS4X4-CV	76
BG-MVS4X4-4KL	77
BZ-MVS4X4-4K	78

KVM SWITCHES

BG-UHD-KVM21A	80
BG-UHD-KVM41A	81
BG-MKVM41R	82

PRODUCTION SWITCHERS

BG-HDVS42U	84
BG-MFVS61-G2	85

VIDEO WALL PROCESSORS

BG-UHD-VW2X2	87
BG-UHD-VW2X2A	88
BG-MVS4X4-CV	89
BG-MVS4X4-4KL	90
BZ-MVS4X4-4K	91

WHERE TO BUY

92

Audio

Audio Converters

BZBGEAR AUDIO CONVERTERS

Our advanced HDMI 2.1 audio converters are designed to optimize your AV experience by seamlessly extracting and routing high-quality audio signals. Supporting resolutions up to 8K at 60Hz, they provide enhanced compatibility for modern home theater and professional AV setups.

Whether you need to connect an amplifier, soundbar, or external audio system, these converters enable easy integration with eARC/ARC functionality, support for S/PDIF and analog audio outputs, and advanced audio standards like Dolby Atmos and DTS: X. Perfect for achieving immersive soundscapes without compromising video quality.



**IMMERSIVE
AUDIO**



CEC CONTROL



**EARC
COMPATIBILITY**

BG-8K-AA

8K60 HDMI 2.1 EARC AUDIO TO AMPLIFIER CONVERTER/ADAPTER

The BG-8K-AA 48Gbps HDMI Audio De-embedder is a cutting-edge solution engineered to extract high-fidelity audio from HDMI sources or ARC/eARC-enabled TVs without compromising video quality. With support for the latest HDMI 2.1 and HDCP 2.3 standards, it handles ultra-high-definition resolutions up to 8K@60Hz and 4K@120Hz, while also offering advanced features such as Variable Refresh Rate (VRR), Auto Low Latency Mode (ALLM), and multiple HDR formats.

Capable of delivering immersive audio formats like Dolby Atmos and DTS, this device provides direct audio extraction via ARC/eARC for seamless integration with amplifiers. Compact yet powerful, the BG-8K-AA is designed for superior performance in both home theaters and professional AV environments.

With an impressive 48Gbps FRL and 18Gbps TMDS video bandwidth, the BG-8K-AA delivers exceptional clarity at resolutions up to 8K@60Hz 4:2:0 12-bit and 4K@120Hz 4:4:4 12-bit. It also supports cutting-edge features like Variable Refresh Rate (VRR), Auto Low Latency Mode (ALLM), Quick Media Switching (QMS), Quick Frame Transport (QFT), and Source-Based Tone Mapping (SBTM), optimizing visual performance across a wide range of display technologies.



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Features



HDCP 2.3 COMPLIANT
Ensures secure and reliable content protection



8K AND 4K 120HZ SUPPORT
Delivers stunning video resolutions up to 8K@60Hz (4:2:0, 12-bit) and 4K@120Hz (4:4:4, 12-bit) for exceptional visual clarity



IMMERSIVE AUDIO
LPCM 7.1CH, Dolby TrueHD, Atmos and DTS-HD Master, DTS:X Audio pass-through



AUDIO DE-EMBEDDING
HDMI input audio or TV ARC/eARC audio de-embedded to HDMI audio output



CEC SUPPORT
Enables intuitive control from TV to source and AMP, including volume adjustments for a seamless audio experience



COMPACT DESIGN
Facilitates easy and flexible installation in various setups



BG-8K-AD

8K60 HDMI 2.1 AUDIO DE-EMBEDDER/CONVERTER/ADAPTER TO DIGITAL S/PDIF AND ANALOG L/R AUDIO

The BG-8K-AD 48Gbps HDMI Audio De-embedder is a powerful and versatile solution designed to extract high-fidelity audio from HDMI sources or ARC-compatible TVs while preserving a high-quality HDMI video feed. This device offers both analog stereo and digital S/PDIF outputs, making it ideal for advanced home theater systems and professional AV installations. Supporting the latest HDMI 2.1 and HDCP 2.3 standards, the de-embedder ensures exceptional video clarity and robust audio pass-through, providing an all-in-one solution for a seamless audiovisual experience.

With 48Gbps FRL and 18Gbps TMDS video bandwidth, this de-embedder handles ultra-high-definition resolutions up to 8K@60Hz 4:2:0 12-bit and 4K@120Hz 4:4:4 12-bit, delivering sharp, vibrant visuals. It also supports key HDMI 2.1 features such as Variable Refresh Rate (VRR), Auto Low Latency Mode (ALLM), Quick Media Switching (QMS), Quick Frame Transport (QFT), and Source-Based Tone Mapping (SBTM), ensuring smooth and responsive playback across various display technologies.



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Features



HDMI 2.1 AND HDCP 2.3 COMPLIANT

Ensures compatibility with the latest HDMI standards and secure content protection



8K STUNNING RESOLUTIONS

Supports video up to 8K@60Hz (4:2:0, 12-bit) and 4K@120Hz (4:4:4, 12-bit) for exceptional visual clarity



IMMERSIVE AUDIO

Supports LPCM 7.1CH, Dolby TrueHD, Atmos, DTS-HD Master, and DTSaudio pass-through for a superior sound experience



AUDIO DE-EMBEDDING

Extracts HDMI input audio or TV ARC audio to S/PDIF and L/R audio outputs



CEC CONTROL

Enables device control from output devices to input sources for streamlined operation



COMPACT DESIGN

Allows for easy and versatile installation in various setups



BG-8K-SA

8K60 HDMI 2.1 eARC AUDIO TO SOUNDBAR CONVERTER/ADAPTER

The BG-8K-SA HDMI eARC Audio to Soundbar Adapter is a high-performance solution designed to extract audio signals from HDMI sources or TVs with ARC/eARC functionality and seamlessly output them to a soundbar. Supporting data rates up to 48Gbps and fully compliant with HDMI 2.1 and HDCP 2.3 standards, this adapter ensures outstanding audio and video quality, making it a perfect addition to modern home theater systems.

It handles video resolutions up to 8K@60Hz 4:2:0 12-bit and 4K@120Hz 4:4:4 12-bit, delivering stunning visuals with support for high dynamic range (HDR) formats like HDR10, HDR10+, Dolby Vision, and HLG. Additionally, the adapter supports advanced HDMI 2.1 features, such as Variable Refresh Rate (VRR), Auto Low Latency Mode (ALLM), Quick Media Switching (QMS), Quick Frame Transport (QFT), and Source-Based Tone Mapping (SBTM), ensuring smooth and responsive video playback.



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Features



HDMI 2.1 AND HDCP 2.3 COMPLIANT

Guarantees support for the latest HDMI standards and secure content transmission



ULTRA-HIGH RESOLUTIONS

Supports up to 8K@60Hz (4:2:0, 12-bit) and 4K@120Hz (4:4:4, 12-bit) for superior visual quality



HIGH-FIDELITY AUDIO

LPCM 7.1CH, Dolby TrueHD, Atmos, DTS-HD Master, and DTS audio pass-through for immersive sound



VERSATILE AUDIO DE-EMBEDDING

Extracts HDMI input or TV eARC audio for output to any soundbar, supporting full audio formats including Dolby Atmos/DTS



EARC COMPATIBILITY

Delivers full audio output, including Dolby Atmos and DTS, from eARC TVs to SONOS ARC & Beam or any eARC-enabled soundbar



CEC CONTROL

Enables seamless CEC control from TV to source and soundbar, including volume adjustments



BG-8K-AE

8K HDMI 2.1 eARC AUDIO TO AV RECEIVER/SOUNDBAR/AMPLIFIER CONVERTER/ADAPTER WITH CEC/EDID SUPPORT

The BG-8K-AE is a high-performance 48Gbps eARC audio adapter engineered to extract audio from an HDMI source or a TV with ARC/eARC functionality and route it to an AV receiver, soundbar, or stereo system. It supports HDMI audio de-embedding to HDMI, digital S/PDIF, or analog L/R outputs, offering seamless audio distribution for modern AV setups.

Fully compliant with HDMI 2.1 and HDCP 2.3, this adapter supports data rates up to 48Gbps, with resolutions up to 8K@60Hz 4:2:0 12-bit and 4K@120Hz 4:4:4 12-bit. It also enables pass-through of advanced HDR formats - including HDR10, HDR10+, Dolby Vision, and HLG—as well as support for VRR, ALLM, QMS, QFT, and SBTM for enhanced video performance.

Designed for effortless integration, the BG-8K-AE includes advanced EDID management, cable equalization, and CEC control, allowing for volume and source control directly from the TV.



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Features



HDR PASS-THROUGH

Compatible with HDR, HDR10, HDR10+, Dolby Vision, and Hybrid Log-Gamma (HLG) formats



HIGH-FIDELITY AUDIO

Supports audio pass-through for LPCM 7.1-channel, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio, and DTS:X formats



AUDIO DE-EMBEDDING

Extracts audio from HDMI sources and TV eARC/ARC to S/PDIF, stereo L/R analog, and HDMI audio outputs



EARC/ARC TO SOUNDBAR

De-embeds audio from HDMI sources to eARC/ARC soundbars, including SONOS ARC and Beam, supporting full Dolby Atmos/DTS:X audio



CEC CONTROL SUPPORT

Enables CEC control from the TV to HDMI source devices



CEC VOLUME CONTROL

Allows CEC-based volume control from the TV to any connected eARC audio system



Audio

Conference Speakers/ Microphones

BZBGear CONFERENCE SPEAKERS AND MICROPHONES

Our Essential Conference Speakers and Microphones deliver exceptional audio quality, ensuring every voice is heard clearly. Designed with user convenience in mind, they feature omnidirectional audio pickup for comprehensive coverage,

Bluetooth connectivity for seamless wireless integration, and plug-and-play USB functionality for effortless setup. Perfectly suited for various conference environments, our audio solutions provide reliable performance and hassle-free compatibility with most systems.



**OMNIDIRECTIONAL
AUDIO COVERAGE**



PLUG-AND-PLAY



**WIRELESS
COMPATIBILITY**

BG-OMNITALK

USB/BLEETOOTH DESKTOP CONFERENCE SPEAKERPHONE WITH 360 AUDIO PICKUP UP TO 16FT

Experience exceptional audio quality with advanced features such as deep echo cancellation, adaptive amplification technology, and versatile wireless connectivity options. These features ensure that your communication is always crystal clear and in high definition, fostering improved collaboration among participants. The device's compact size and user-friendly design make it incredibly easy to use, and its compatibility with various operating systems adds to its adaptability and effectiveness across different scenarios.

Rest assured of its quality, as the speakerphone is certified with CE, FCC, and RoHS standards, setting a benchmark for top-tier performance. It operates via Bluetooth 5.0, and a Bluetooth dongle is included for added convenience. Connect effortlessly through USB, Bluetooth, AUX, or the included dongle – giving you a range of options to suit your preference. Regardless of your operating system – be it Windows, Mac OS, Android, or Linux – the BG-OMNITALK seamlessly adapts.



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Features



BLUETOOTH & USB TYPE-C PLUG N PLAY

5 meters pick-up range, support USB-C connection and Bluetooth connection



2 OMNIDIRECTIONAL MICROPHONES

Hear and be heard with a 360-degree microphone that picks up sounds from any angle



LED INDICATOR LIGHT

Intuitive LED indicators give you visual guidance



DIGITAL (DSP) TECHNOLOGY

DSP provides natural voice sound and echo cancellation



HD VOICE/WIDEBAND AUDIO

HD Voice offers you life-like, vibrant conversations. You will not have to struggle to hear from others



THIRD-PARTY COMPATIBILITY

It can work with most video conference applications and UC platforms, simply plug and play. To enjoy video conference immediately



AV over IP

Streaming Encoders / Decoders

BZBGEAR STREAMING ENCODERS / DECODERS

BZBGEAR video encoders and decoders are essential tools for converting and transmitting video signals in various professional and enthusiast applications. Encoders transform video signals from sources like HDMI or SDI into formats suitable for streaming over IP or USB, enabling high-quality live broadcasts to platforms such as YouTube and Twitch or integration into video conferencing systems. Decoders, on the other hand, receive live streams over IP, decode the audio and video signals, and output them as HDMI or SDI for display on monitors or large screens, making them ideal for remote viewing and monitoring.

Devices that combine both functionalities, known as encoder/decoders, offer a flexible and cost-effective solution by enabling seamless transitions between streaming and local viewing. These multifunctional units are widely used in live event production, digital signage, video distribution, and hybrid workflows, ensuring efficient content management and delivery.



HD TO 4K
SUPPORT



NDI & DANTE
SUPPORT



WEB GUI
CONTROLLABLE

BG-HAVS

1080P H.264/265 HDMI VIDEO AND AUDIO STREAMING ENCODER

The BG-HAVS is a single-channel stream encoder that takes a HDMI input/ source and converts it to an IP video stream that can be recorded to a NVR, PC, or broadcast to streaming platforms like YouTube, Twitch, or Facebook.

The BG-HAVS can transmit a maximum resolution of 1080p@60Hz. It simultaneously transmits a sub-stream with a maximum resolution of 720p. This allows a second low-bandwidth stream to be transmitted, providing the ability to stream to multiple platforms at once to reach a broader audience.

The BG-HAVS is equipped with one HDMI input as well as an HDMI loop out. The loop output allows broadcasters to monitor the input source on a separate display. Stereo audio can be embedded into the stream via the 3.5 mm input.

By utilizing the integrated logo and text overlay features, users can customize and brand their streams. A full suite of video, audio, and streaming settings are available from the intuitive web interface. The BG-HAVS utilizes H.265 and H.264 encoding, and supports RTSP, RTP, TMPS, HTTP, UDP, and SRT streaming formats.



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Features



HDMI

1 x HDMI input, 1 x HDMI loop out



AUDIO

1 x 3.5 mm analog audio input



DIRECT STREAMING

Stream directly from the device without the need of hooking up a computer



IMAGE OVERLAY

Image and text overlay to brand your streams



CRYSTAL CLEAR IMAGES

Supports resolutions up to 1080p@60fps



DURABLE

Strong metal enclosure designed to last for years of use



Cables

HIGH QUALITY

BZBGear cables are fabricated to exacting standards and thoroughly tested to ensure reliable performance at rated specifications.

HIGH RESOLUTION

Our HDMI 2.1-certified cable provides flawless transmission of 8K@60Hz, and 4K@120Hz, as well as the common 4K and 1080p formats.

FLEXIBLE LENGTH OPTIONS

You have the option to select the desired cable length ranging from 1 to 5 meters, based on your requirements.

These cables are the perfect solution for airports, hospitals, restaurants, hotels, and any place where a longer cable is needed.

BG-CAB-H21C

8K UHD HDMI 2.1 CERTIFIED 48GBPS CABLE

Unmatched Professional Quality: The BG-CAB-H21A establishes an unparalleled benchmark for professional excellence. This 8K cable flawlessly transmits 8K@60Hz signals and supports high-refresh 4K resolutions, reaching up to 4K@120Hz. Enhanced by HDR video, seamless 48Gbps bandwidth, and compatibility with various audio formats, this cable provides users with a comprehensive toolkit that caters to the demands of any project.

Elevated Gaming and Entertainment: Introducing groundbreaking features such as automatic low latency mode, rapid media switching, frame transport, and variable refresh rate, individuals can fully engage in elevated gaming and entertainment experiences that push the boundaries of enjoyment.

Future-Proof and Advanced Security: The BG-CAB-H21A excels in transmitting top-tier 8K and 4K signals, providing a forward-looking solution for all your video distribution needs. Additionally, its HDCP 2.3 compliance enhances security through advanced media encryption, ensuring an extra layer of protection.



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Available Lengths:

3.3ft/1m; 6.6ft/2m; 9.9ft/3m; 16.5ft/5m

Features



QUALITY & CLARITY

Supports HEAC, ARC, and HDR



CONTENT PROTECTION

HDCP 2.3 certified



LONG RANGE

Reliable optical fiber HDMI cable for video and audio



AUDIO SUPPORT

Compatible with DTS-HD Master Audio and Dolby True HD



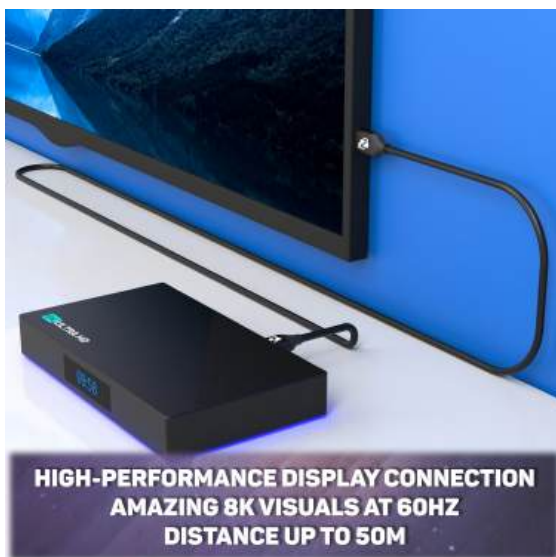
HIGH RESOLUTION

Handles 8K@60Hz, 4K@120Hz, 4:4:4 color format



SPECIAL FEATURES

Seamless, lag-free experience with VRR, ALLM, and QFT



HIGH-PERFORMANCE DISPLAY CONNECTION
AMAZING 8K VISUALS AT 60HZ
DISTANCE UP TO 50M



PROFESSIONAL AV MASTERY
FUTURE-READY
FOLLOWS HDCP 2.3 STANDARDS

Cameras

PTZ Cameras

BZBGEAR PTZ CAMERAS

BZBGEAR PTZ (Pan-Tilt-Zoom) cameras are highly versatile, offering users the ability to control the camera's movement across three axes: panning, tilting, and zooming. These cameras are perfect for a wide range of professional applications, including live streaming, broadcasting, videoconferencing, and security.

With resolutions such as 4K@60Hz and 1080p@60Hz, PTZ cameras provide flexible control through joystick controllers, software, or remote controls, eliminating the need for multiple fixed cameras. Additionally, PTZ cameras support various connection options, including Ethernet, USB, SDI, and HDMI, ensuring compatibility with different setups.



**SOFTWARE
CONTROLLABLE**



**RESOLUTIONS
UP TO 4K60**



**MULTIPLE
CONNECTION OPTIONS**

BG-BPTZ-XU

CORE 1080P FHD 3X/10X USB 2.0/RS-232 HUDDLE ROOM CAMERA

Introducing the BG-BPTZ-XU, a high-quality pan tilt zoom (PTZ) USB camera that offers excellent performance and versatility. With two configurations available - the 3x optical zoom and the 10x optical zoom variant - this camera is ideal for a range of applications, from smaller spaces to larger rooms where individual subjects are located further away but still need to fill the frame.

The BG-BPTZ-XU offers quick and easy plug and play connectivity with USB 2.0 type A, making it compatible with any video conferencing software on your laptop or desktop PC, such as Skype, Zoom, Microsoft Teams, and Google Meet. A step drive motor mechanism and precision motor drive controller ensure that the PTZ operation of the camera is smooth and quiet, avoiding any disruptions during your video conferencing calls.

The BG-BPTZ-XU has several control options available, including IR remote, RS-232, RS-485, and UVC (USB). Up to 255 preset positions are available, with 10 accessible via the IR remote. This camera can be mounted to a ceiling, wall, or tripod, increasing the potential for installation in many environments.



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ZOOM



Features



ZOOM

Available in 3x/10x Optical zoom



CONTROL

Cascadable RS232/485 (VISCA/Pelco) + 255 preset positions



USB2.0 (TYPE A) OUTPUT

Fast and Simple setup



FULL HD IMAGE

1/2.8" high quality CMOS sensor with resolutions up to 1080p@30Hz



SUPERB AUTO FOCUS

Latest auto focusing algorithms resulting in quick, accurate, and stable focus



EXTREMELY QUIET PTZ

Step drive motor mechanism and precision motor drive controller ensure PTZ works smoothly with no noise



BG-VPTZ-HSU3

COMPACT PTZ 1080P FHD 10X/20X/30X CAMERA WITH HDMI/SDI/USB 3.0/POE

Introducing the BG-VPTZ-HSU3, a versatile COMPACT PTZ 1080P FHD camera with 10X/20X/30X zoom options, multiple output interfaces (HDMI, 3G-SDI, USB 3.0, IP streaming), and a compact design perfect for offices and classrooms. With the ability to capture 1080p@60Hz video, this camera delivers exceptional image quality and supports H.264/H.265 video compression and RTMP(S) for live streaming. Offering flexible control via RS-232, RS-485, LAN, or IR remote, it also boasts 255 preset positions. Additional features include Power over Ethernet (PoE), audio embedding, and a sturdy all-aluminum chassis, making it a top choice for high-quality video capture and streaming in various settings.

It offers 10X, 20X, or 30X optical zoom lenses, which is invaluable for capturing detailed close-ups, even in large venues. For applications where synchronized audio and video are crucial, the camera features a 3.5mm audio input jack to embed audio directly into the video stream. It supports H.264 and H.265 video compression formats and can broadcast using ONVIF, RTSP, and RTMP IP streaming protocols.

The BG-VPTZ-HSU3 camera finds applications in video conferencing, live streaming, content creation, surveillance, and large venue settings. Its high-resolution imaging, audio integration, and multiple output options enhance professional video conferences and engaging webinars.



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on our website



ZOOM



Features



BROADCAST QUALITY VIDEO

Fluid motion, clear image, and accurate colors



LATEST STREAMING TECH

Supports H.264/H.265 video compression and RTMP(S) network protocol for Youtube/Facebooklive streaming



SIMULTANEOUS VIDEO OUTPUTS

3G-SDI / HDMI / USB3.0 / IP Streaming



POWER OVER ETHERNET

Delivers power directly over an ethernet cable from your PoE enabled network switch



AUDIO EMBEDDING

Connect audio mixer output or powered mic and embed audio into your live stream



FLEXIBLE INSTALLATION OPTIONS

Supports ceiling, wall, tripod, or desk mount installations



BG-VPTZN-HSU3

COMPACT PTZ 1080P FHD 10X/20X/30X CAMERA WITH NDI/
HDMI/SDI/USB 3.0/POE

The BG-VPTZN-HSU3 is a compact 1080p HD PTZ camera. Designed with a compact footprint to unobtrusively blend into offices and classrooms, this performer is equipped with simultaneous HDMI, 3G-SDI, USB 3.0, and IP streaming outputs.

The BG-VPTZN-HSU3 camera can capture images at resolutions up to 1080p@60Hz. With simultaneous HDMI, 3G-SDI, USB 3.0, and IP streaming outputs this camera can integrate seamlessly with nearly any workflow. Available with 10X, 20X, or 30X optical zoom lenses, the BG-VPTZN-HSU3 produces detailed close-ups in even large venues.

The 3.5mm audio input jack allows the BG-VPTZN-HSU3 to embed audio directly into the video stream. The camera supports H.264 and H.265 video compression formats, and can broadcast in ONVIF, RTSP, and RTMP IP streaming protocols.

This camera can be controlled using RS-232, RS-485, LAN, or IR remote control. There are various protocols supported including IP VISCA, ONVIF, and PELCO-P/D. There are 255 available preset positions that can be stored internally, with nine of those presets being available via IR remote control.




Check out this item
on our website



ZOOM

10x

20x

30x

Features



BROADCAST QUALITY VIDEO

Fluid motion, clear image, and accurate colors



LATEST STREAMING TECH

Supports H.264/H.265 video compression and RTMP(S) network protocol for Youtube/Facebooklive streaming



SIMULTANEOUS VIDEO OUTPUTS

3G-SDI / HDMI / USB3.0 / IP Streaming



NDI

Power, stream, and control all from one CAT 5e/6/7 cable



AUDIO EMBEDDING

Connect audio mixer output or powered mic and embed audio into your live stream



FLEXIBLE INSTALLATION OPTIONS

Supports ceiling, wall, tripod, or desk mount installations



BG-UPTZ

UNIVERSAL 1080P FHD PTZ 12X/20X/30X HDMI/SDI/USB 3.0/
RS-232/485 LIVE STREAMING CAMERA

The best-selling BG-UPTZ camera has been BZBGEAR's most successful camera to date. With its crisp 1080p imaging, simultaneous USB 3.0, HDMI, 3G-SDI, and IP streaming video outputs all in a handsome yet subdued design, it is easy to see why this is the camera of choice for hospitals, universities, houses of worship, and performing arts centers worldwide.

The BG-UPTZ utilizes a 1/2.8" Sony CMOS sensor to capture images in resolutions as high as 1080p@60Hz. With 12X, 20X, and 30X zoom options, it's an able performer in any size venue. The simultaneous HDMI, 3G-SDI, and USB 3.0 outputs ensure the BG-UPTZ can be integrated into any workflow. Supporting ONVIF, RTSP, and RTMP video protocols, the BG-UPTZ is compatible with most video production software and is able to stream directly to streaming platforms like YouTube, Twitch, and Facebook. A 3.5mm input jack allows external microphones and audio systems to be embedded into the video stream.

The camera can be controlled via IR remote, IP control (IP VISCA, ONVIF), and the browser interface. The RS232 and RS485 serial connections support VISCA, PELCO-D, and PELCO-P protocols. Up to 255 camera preset positions can be stored, ten of which are available via the IR remote control. This camera supports SRT, enabling high-quality, low-latency video to be sent reliably over the internet.



Check out this item
on our website



ZOOM



Features



ZOOM

Available in 12x/20x/30x optical
zoom+10x digital



CONTROL

IP, IR, and cascable RS232/485
(VISCA/Pelco) + 255 preset positions



MULTIPLE VIDEO OUTPUTS

HDMI, 3G-SDI, USB 3.0, and IP-
streaming working simultaneously



LATEST STREAMING TECH

Supports H.264/H.265 video
compression and RTMP(S)



SUPERB AUTO FOCUS

Auto focusing algorithms resulting
in quick, accurate, and stable focus



POWER OVER ETHERNET

Delivers power directly over an
ethernet cable

Available in



BLACK



SILVER



WHITE



BG-UPTZ-ND

UNIVERSAL 1080P FHD PTZ 12X/20X/30X NDI/HDMI/SDI/USB 3.0/RS-232/485 LIVE STREAMING CAMERA

One of our best-selling live streaming cameras, the BG-UPTZ-ND offers exceptional picture quality at resolutions up to 1080p@60Hz with a 12x/20x/30x optical zoom lens that enables HD image captures at various distances supported by advanced auto focus algorithms. Thanks to a variety of video outputs including HDMI, 3G-SDI, USB 3.0, and NDI|HX, the BG-UPTZ-ND is ready to power virtually any production or live streaming platform.

One of the best advantages of the BG-UPTZ-ND live streaming camera is its ease of use. Users of this device enjoy utilizing the latest NDI technology and power over ethernet (PoE) functionality. This removes the need for additional video or power cables. The camera is also equipped with a stream encoder that supports H.264/H.265 video compression and the RTMP(S) network protocol. This allows users to easily stream directly from the camera to platforms like Facebook and YouTube. Users of this popular camera also enjoy its precise motor controller for smooth and quiet movement.

The BG-UPTZ-ND owes its outstanding image quality to its optical sensor, a 1/2.8" high quality HD progressive CMOS sensor. High quality optical zoom in 12x, 20x and 30x is available with this camera, but digital zoom up to an additional 10x is also available. The camera has a field of view of up to 72.5° at 12X (56° for 20X and 65° for 30X lenses).

NDI|HX



Check out this item
on our website



ZOOM



Features



ZOOM

Available in 12x/20x/30x optical zoom+10x digital



CONTROL

IP, IR, and cascable RS232/485 (VICSA/Pelco) + 255 preset position



MULTIPLE VIDEO OUTPUTS

HDMI, 3G-SDI, USB 3.0, and IP-Streaming working simultaneously



LATEST STREAMING TECH

Supports H.264/H.265 video compression and RTMP(S) network protocol for Youtube/Facebooklive streaming



SUPERB AUTO FOCUS

Latest auto focusing algorithms resulting in quick, accurate, and stable focus



NDI

Compatible with NDI® 4.0 from NewTek

Available in



BLACK



WHITE

BG-CAM-USB4K

WIDE ANGLE FIXED LENS 4K ULTRA HD CONFERENCE ROOM USB CAMERA

This super wide-angle Pan, Tilt, and fixed zoom camera has a field of view of 138° with no video distortion. With an eight-megapixel full glass fixed lens, the BG-CAM-USB4K can achieve resolutions up to 4K@30Hz. With superior imaging and simple controls, the BG-CAM-USB4K offers a great deal of performance. With its outstanding viewing angle this camera is able to capture an entire meeting space in crystal clear 4K detail. Flexible control options make this device a great choice for any installation.

The BG-CAM-USB4K has USB 3.0 plug and play connectivity, making it a great choice for use with video conferencing apps like Skype, Zoom, Google Meet, and more. To achieve its high-quality resolution of 4K@30Hz at fixed focus, this camera utilizes a 1/2.1" HD Color 8.29MP CMOS sensor. This camera utilizes a step drive motor mechanism and precision motor drive controller to ensure that PTZ functions work smoothly and quietly to avoid being disruptive. H.264, H.265, and MJPEG video compression options are also supported by this camera.



[Check out this item on our website](#)

Features



CONTROL

IR and cascable RS232/485 (VICSA/Pelco) + 255 preset positions



SUPERB AUTO FOCUS

Latest auto focusing algorithms resulting in quick, accurate, and stable focus



CRYSTAL CLEAR IMAGE

4K30Hz max resolution



VERSATILE

Can be mounted to wall, ceiling, or tripod



USB OUTPUT

Fast and Simple setup



EXTREMELY QUIET PT

Step drive motor mechanism and precision motor drive controller ensure PT works smoothly with no noise



Cameras

EPTZ Cameras

BZBGEAR EPTZ CAMERAS

BZBGEAR Electronic Pan-Tilt-Zoom (ePTZ) cameras offer a cost-effective, compact solution for a wide range of video applications. Designed for ease of installation and operation, these cameras are perfect for casual users and small-scale conference setups. Select ePTZ models support stunning 4K resolution, enabling users to achieve higher-quality zooming.

With 4K capabilities, users can zoom up to 3x while maintaining crisp HD resolution, making these cameras ideal for video conferencing, live streaming, and other professional or personal video production needs.



RESOLUTIONS
UP TO 4K@30HZ



PLUG AND PLAY



INTEGRATED
AUDIO SUPPORT

BG-EPTZ-UH4K

4K UHD EPTZ HDMI/USB 3.0 CONFERENCE/EDUCATION CAMERA

The BG-EPTZ-UH4K is a powerful webcam in the hands of educators, students, remote employees, and other home broadcasters. This compact webcam offers users an extending degree of flexibility with simultaneous USB 3.0 and HDMI outputs while capturing images in up to 4k@30Hz resolution with 4x digital zoom. With electronic pan/tilt/zoom (ePTZ), the BG-EPTZ-UH4K is a great option for presenters who need to zoom and shift the image to focus on different subjects in a field of view of 130°. Equipped with an omnidirectional microphone, this camera has the ability to clearly pick up voices from up to 8 meters away.

Its USB 3.0 connectivity isn't just for high-speed data transmission. It also provides power to the device, making for easy setup and reducing the number of cables required to operate the webcam. With a universal mounting solution, the small BG-EPTZ-UH4K will fit perfectly in any situation, whether it be at home or in the studio on a desktop, monitor, tripod, or bracket.



[Check out this item on our website](#)

Features



4K ULTRA HD

Crystal clear image in any application



USB 3.0

High speed data transmission and power supply in one cable



INTEGRATED MICROPHONE

Omni-directional pickup up to 8 meters



WIDE ANGLE

One of the widest FOV on the market - 130°!



INTEGRATED MOUNT

Mount to desktop, monitor, tripod, or bracket



HDMI OUTPUT

Ideal for capture cards or extra monitors



BG-EPTZ-AF**4K UHD EPTZ USB 3.0 CAMERA WITH AUTO-FRAMING SUPPORT**

Whether you're running a small or large meeting, the BG-EPTZ-AF auto-framing camera offers great value by ensuring everyone in your meeting is included. This camera detects how many people are in the room and automatically zooms and reframes the image to make sure all attendees are in the frame and centered in the field of view. Thanks to its 1/2.5" 8MP CMOS sensor, the BG-EPTZ-AF can record in 4K@30Hz to capture every detail of your meeting. 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.



[Check out this item
on our website](#)

Features**AUTO FRAMING**

Camera automatically adjusts to keep subjects centered

**CRYSTAL CLEAR 4K IMAGE**

Output resolutions up to 4K@30Hz

**BUILT-IN MICROPHONE**

Ensures the sound is as clear as the picture

**WIDE ANGLE**

Capture the whole scene with no fish-eye effect

**EASY TO USE**

Plug and Play with USB 3.0

**EASY INSTALLATION**

Mount/Stand is built-in



Cameras

Box Cameras

BZBGEAR BOX CAMERAS

A BZBGEAR box camera is a versatile, stationary camera designed to capture clear, high-quality footage of a specific subject or area. Equipped with zoom functionality, it is available in various output options, including SDI, HDMI, USB, and IP Streaming, offering flexibility for a wide range of applications. Its compact, space-saving design allows for easy integration into diverse environments, from studios to classrooms.

A BZBGEAR box camera comes equipped with advanced features, such as auto-focus, automatic white balance, and cutting-edge image processing, making it user-friendly, and ensuring professional-grade results even for beginners.



**VERSATILE CONNECTION
OPTIONS**



**HD IMAGE
QUALITY**



**INTEGRATED
AUDIO SUPPORT**

BG-PACKSHOT-C10X

1080P FHD HDMI/USB 3.0 VERTICAL STREAMING BOX CAMERA

Go viral with the BG-PACKSHOT-C10X! This 1080p HD camera features fast, accurate near-field auto-focus, an integrated stereo microphone, and the ability to swap between landscape and portrait formats with the flip of a switch. Specifically designed for content creators, this camera makes it easy to create high-quality videos and streams with crisp audio and accurate color reproduction. Ideal for up-close and personal shoots, the BG-PACKSHOT-C10X is a versatile solution for capturing videos and photos meant to be viewed on both traditional monitors as well as mobile devices. This makes it possible to record not only for wide format platforms like YouTube, but also for vertical-focused content like TikTok and YouTube Shorts.

The BG-PACKSHOT-C10X camera boasts an impressive 2-megapixel sensor, delivering a remarkable output resolution of up to 1080p@30Hz, combined with the versatility of 10x optical zoom. Its advanced design offers simultaneous USB 3.0 and HDMI video outputs, making it an ideal choice for seamless direct streaming or integration into video mixing setups. The camera's intelligent auto-focus algorithm is meticulously calibrated for near-field focus, enabling exquisite close-up shots that excel in hobbyist projects and instructional videos.



[Check out this item on our website](#)

Features



CRYSTAL CLEAR IMAGE
1080p@30Hz resolution



10X ZOOM
Lens features a 10x motorized optical zoom



ADJUSTABLE ORIENTATION
Change from landscape to portrait mode at the flip of a switch



MULTIPLE OUTPUTS
Simultaneous USB 3.0 and HDMI outputs



PLUG AND PLAY
Simply connect power and USB or HDMI - no other setup needed



NEAR-FIELD FOCUS
Advanced optics provide stunning close-up shots



BG-MAESTRO

8MP SDI/USB 3.0/IP WIDE ANGLE EDUCATIONAL AUTO TRACKING CAMERA WITH POE

The BG-MAESTRO is a compact ePTZ auto-tracking camera that delivers extremely accurate tracking throughout its coverage area. Designed to be easily configurable, the Maestro requires no additional software to set the auto-tracking parameters which is completed through the web based interface.

The BG-MAESTRO can simultaneously output USB 3.0, 3G-SDI / HDMI, and IP streaming in resolutions up to 1080p@30Hz. The Maestro also utilizes a 1/2.8" high quality 4K CMOS sensor to provide low noise and a high SNR for the clearest image possible. The camera is capable of up to a 3x digital zoom and ePTZ controls automatically track subjects in its field of view. It can accomplish this task between distances of 15ft to 50ft from the camera.

With 5 simultaneous output streams the BG-Maestro allows multiple angles to be broadcast at once. This camera is ideally suited for educational purposes, lectures, fitness instructors, and hobbyists.



SRTALLIANCE
SECURE RELIABLE TRANSPORT



Check out this item
on our website

Features



CRYSTAL CLEAR IMAGES

Broadcast in 1080p@30Hz



AUTO-TRACKING

Setup auto-tracking easily from the web interface



POWER OVER ETHERNET

Only one cable needed to power and stream from the camera



AUDIO EMBEDDING

Connect your microphone to the 3.5mm mini jack to embed audio



STREAM READY

Stream directly from the camera to platforms such as YouTube, Facebook and Twitch



MULTIPLE OUTPUTS

Connect and stream via USB 3.0, SDI, or over IP



AWARD-WINNER



BG-MAESTRO-H

8MP HDMI/USB 3.0/IP WIDE ANGLE EDUCATIONAL AUTO TRACKING CAMERA WITH POE

The BG-MAESTRO is a compact ePTZ auto-tracking camera that delivers extremely accurate tracking throughout its coverage area. Designed to be easily configurable, the Maestro requires no additional software to set the auto-tracking parameters which is completed through the web based interface.

The BG-MAESTRO can simultaneously output USB 3.0, 3G-SDI / HDMI, and IP streaming in resolutions up to 1080p@30Hz. The Maestro also utilizes a 1/2.8" high quality 4K CMOS sensor to provide low noise and a high SNR for the clearest image possible. The camera is capable of up to a 3x digital zoom and ePTZ controls automatically track subjects in its field of view. It can accomplish this task between distances of 15ft to 50ft from the camera.

With 5 simultaneous output streams the BG-Maestro allows multiple angles to be broadcast at once. This camera is ideally suited for educational purposes, lectures, fitness instructors, and hobbyists.



Check out this item
on our website

Features



CRYSTAL CLEAR IMAGES

Broadcast in 1080p@30Hz



AUTO-TRACKING

Setup auto-tracking easily from the web interface



POWER OVER ETHERNET

Only one cable needed to power and stream from the camera



AUDIO EMBEDDING

Connect your microphone to the 3.5mm mini jack to embed audio



STREAM READY

Stream directly from the camera to platforms such as YouTube, Facebook and Twitch



MULTIPLE OUTPUTS

Connect and stream via USB 3.0, HDMI, or over IP



AWARD-WINNER



Capture Cards

BZBGEAR CAPTURE CARDS

A BZBGEAR capture card enables you to stream or record video and audio from an external source, such as a gaming console, camera, or media player, onto your computer. It converts signals, like HDMI, into a format compatible with your computer, typically via USB. For instance, it allows you to stream gameplay from your PS5 to your computer seamlessly.

Capture cards are easy to set up, often requiring no additional software, and they work with popular streaming platforms like OBS Studio, Streamlabs OBS, and vMix. These devices offer professional-grade capture for high-quality streaming and recording, making them an essential tool for content creators looking to produce sharp, professional content with minimal effort.



HD TO 4K
SUPPORT



SEAMLESS AUDIO
INTEGRATION



PLUG AND PLAY

BG-CAP-HA

USB 3.0 1080P FHD POWERED HDMI CAPTURE CARD

The BG-CAP-HA is a 4K capture device designed to convert an HDMI source to a USB 3.0 output for recording, editing, and/or streaming from a PC or Mac. This unit receives audio and video at resolutions up to 4K@60Hz 4:4:4 HDR10 with an output resolution of 1080P@60Hz.

Either it is live video streaming setup for the interview, or streaming of gaming process with voice over, or conference room setup with camera and microphone – this device will do the job.

Featuring an HDMI loop-out for a local display, it is also equipped with 3.5mm audio input and output ports that provide audio embedding or de-embedding for connecting microphone or external audio system.

The USB 3.0 cable also supplies power to the unit, eliminating the need for a power supply.

The BG-CAP-HA is HDCP compliant and will not capture protected content.



[Check out this item
on our website](#)

Features



LOOP-OUT

HDMI Loop-out to live view captured images



PORTABLE

Ideal for recording presentations on the go



USB DATA TRANSFER

The USB 3.0 port supplies power for the unit and transfers data to the connected device



STEREO AUDIO

Stereo audio input/output for connecting mics and local audio



EASY TO USE

Simple for anyone to learn



COMPATIBILITY

Supports Mac OS, Windows, and a wide array of third-party applications



BG-CHA

USB 3.0 1080P FHD HDMI VIDEO CAPTURE CARD WITH SCALER AND AUDIO

The BG-CHA is an HDMI video capture device. When you need to record or stream any HDMI source (like video camera, gaming console or other computer) on your PC – this device will do the job.

It supports any resolutions up to 1080P at 60fps on USB 3.0/3.1 ports. Built-in scaler gives you more flexibility for the capturing video format. Large volume image buffer ensures smooth uninterrupted video capture.

Using 3.5mm stereo audio input you can switch to the external mic or other audio signal and embed it into the video stream. All aluminum housing and power from USB port (no additional power adapter required) adds durability and portability to our setup.

BG-CHA is HDCP compliant and will not allow to record protected content.



[Check out this item on our website](#)

Features



1080P/60 SUPPORT

Crystal clear image with resolutions up to up to 1080p@60Hz



COMPACT

Ideal for recording presentations on the go



USB 3.1 DATA TRANSFER

The USB 3.1 port supplies power for the unit and transfers data to the connected device



AUDIO INPUT

Embeds audio from a microphone or other device



EASY TO USE

Logical layout allows anyone to take control



COMPATIBILITY

Supports Mac OS, Windows, and a wide array of third-party applications



BG-CSA

USB 3.0 1080P FHD 3G-SDI CAPTURE CARD WITH SCALER AND AUDIO

The BG-CSA is a 3G/HD/SD-SDI capture device. When you need to record or stream any SDI source (like video camera or video mixer output) on your PC – this device will do the job.

It supports any resolutions up to 1080P at 60fps on USB 3.0/3.1 ports. Built-in scaler gives you more flexibility for the capturing video format. Large volume image buffer ensures smooth uninterrupted video capture.

Using 3.5mm stereo audio input you can switch to the external mic or other audio signal and embed it into the video stream. All aluminum housing and power from USB port (no additional power adapter required) adds durability and portability to our setup.

If you need to set up additional local monitor or extend/split input there is an SDI loop-out port which will re-clock and mirror original signal.

This product meets the standards of the Trade Agreement Act (TAA).



[Check out this item on our website](#)

Features



3G-SDI

Crystal clear image with resolutions up to 1080p@60Hz



PORTABLE

Ideal for recording in the field or on the go



USB DATA TRANSFER

The USB 3.1 port supplies power for the unit and transfers data to the connected device



AUDIO INPUT

Embed audio from microphone or other source



EASY TO USE

Simple for anyone to learn



COMPATIBILITY

Supports Mac OS, Windows, and a wide array of third-party applications



BG-4KCH

USB-C 4K UHD HDMI VIDEO CAPTURE CARD WITH SCALER

The BG-4KCH is a 4K capture device that enables users to capture a video signal from any HDMI source and transfer it to a computer via USB-C for recording or streaming. With this conveniently sized unit, video signals from devices like gaming consoles, cameras, computers, and media players can be captured in pristine 4K quality.

This video capture device supports video resolutions up to 4K2K@30Hz. It supports USB 3.1 Gen 1 (RGB/YUY2/NV12) as well as USB 2.0 (YUY2/NV12). The USB 2.0 connection supports a max resolution of 720p@30Hz. HDMI audio is supported in 2CH 16-bit PCM format. This device supports UVC1.0/1.1/1.5 formats and has a maximum data rate of 350Mbps. Compatibility with Windows, MacOS, and Linux makes this unit versatile enough to use with almost any desktop or laptop.

The BG-4KCH is highly compact and portable for use on the go. The capture box supports video format auto-detection, enabling plug and play operations.



[Check out this item on our website](#)

Features



CRYSTAL CLEAR IMAGE CAPTURE

Capture resolutions up to 4K@30Hz



USB TYPE-C

USB 3.1 Gen 1 (RGP/YUY2/NV12)



PORTABLE

Ideal for recording in the field or on-the-go



PLUG AND PLAY

No setup required



COMPATIBILITY

Works with Windows 7 and up, Mac OS, and Linux



STREAMING

Compatible with YouTube, Twitch, Facebook, Zoom, and more



Converters

BG-H3GS

1080P FHD HDMI TO 3G-SDI LONG DISTANCE CONVERTER/ AMPLIFIER

The BG-H3GS allows HDMI signals to be shown on SDI displays while ensuring a high bit rate of 2.970 Gbit/s to provide a high-resolution signal without any loss. For professionals this means that it is now easier to convert your high-definition HDMI signal with audio to SDI for long distance transmissions and display your work on SDI displays.

The BG-H3GS supports multiple input resolutions such as 480i, 720p, 1080i, and up to 1080p60. A 1080p60 HDMI signal will convert to 3G-SDI for transmission up to 100m (328ft). For even longer range transmissions 480i will convert to SD-SDI and can be transmitted up to 300m (984ft).



[Check out this item
on our website](#)

Features



1080P/60 SUPPORT

Crystal clear images with resolutions up to 1080p@60Hz



PORTABLE

Ideal for any on-the-go kit



RIGID DESIGN

Durable metal structure built to withstand years of operation



BG-3GSH

1080P FHD 3G-SDI TO HDMI LONG DISTANCE CONVERTER/ AMPLIFIER

The BG-3GSH is a versatile signal converter designed to convert SD-SDI, HD-SDI, and 3G-SDI signals to the more commonly used HDMI interface. With a high bit rate of 2.970 Gbit/s, the unit supports transmission of video signals without any loss, ensuring a crystal-clear 1080p@60 image on HDMI displays. The BG-3GSH also supports SMPTE 425M, SMPTE 424M, SMPTE 292M, and SMPTE 259M-C standards, making it compatible with a wide range of video sources.

In addition to its signal conversion capabilities, the BG-3GSH also offers the ability to convert from SMPTE 425M Level B to Level A 1080p 50/59.94/60 4:2:2 10-bit, making it a powerful tool for professionals working with high-quality video content. The unit can accept 3G-SDI signals using long-range SDI cables, and convert it to display on consumer-grade HDMI displays.

Durability is also a key feature of the BG-3GSH. The unit is housed in a sturdy metal housing, providing protection against damage from everyday wear and tear, as well as ensuring reliable performance in demanding environments.



[Check out this item
on our website](#)

Features



1080P/60 SUPPORT

Crystal clear images with resolutions up to 1080p@60Hz



PORTABLE

Ideal for any on-the-go kit



RIGID DESIGN

Durable metal structure built to withstand years of operation



BG-UHD-SCVEA

4K UHD MULTI-FORMAT HDMI/DP/VGA/CVBS/YPBPR TO HDMI SCALER/CONVERTER

The BG-UHD-SCVEA is a multi-format 4K UHD scaler converter. This unit is designed to scale and convert multiple analog and digital formats (HDMI/DP/VGA/CVBS/YPbPr) to support HDMI devices. This HDMI 1.4/DPI.1 compliant device supports output resolutions up to 4K2K@30 4:4:4 with video bandwidth speeds up to 10.2Gbps.

Embed analog audio to the HDMI output via the 3.5mm stereo input. Operate and adjust advanced settings including resolution outputs via the front panel push buttons, IR remote, or the provided control software.

With its versatile array of inputs, the BG-UHD-SCVEA is the perfect solution for users looking to convert legacy media formats for use in a modern A/V system.



[Check out this item on our website](#)

Features



4K SUPPORT

Crystal clear images with resolutions up to 4K2K@30Hz 4:4:4



MULTIPLE CONTROL OPTIONS

Use the front panel push buttons, IR remote, or control software



EASY TO USE

Simple for anyone to learn



PORTABLE

Ideal for any on-the-go kit



RIGID DESIGN

Durable metal structure built to withstand years of operation



AUDIO EMBEDDING

Embed audio using the 3.5mm stereo input



Joystick Controllers

MANAGE MULTIPLE CAMERAS

BZBGEAR Joystick Camera Controllers offer precise control of PTZ cameras. Adding a joystick PTZ camera controller to your system greatly simplifies the task of operating your cameras. Even single camera systems benefit from the ease of use that a joystick controller provides. Recall presets at the touch of a button and control the camera movement with great precision with a software solution. Overall, these devices are perfect for those looking for an easy to use joystick controller for PTZ camera operations. Joysticks are currently the best option for those seeking a remote camera controller.

Our Joystick Controllers are compatible with most cameras on the market that operate with IP or serial control protocols. With designs for new, legacy, or hybrid camera systems, you can integrate BZBGEAR controllers with confidence.

The addition of a joystick controller to your production allows users of all skill levels to step in and take control of your PTZ cameras. Our simple and effective controllers enable entry level volunteers to control cameras. This will allow your technical staff to do more demanding tasks, increasing your overall productivity.



**SUPPORT FOR
MULTIPLE PROTOCOLS**



POE SUPPORT



**ADVANCED IMAGE
SETTINGS**

BG-COMMANDER-JR

UNIVERSAL COMPACT SERIAL AND IP PTZ CAMERA JOYSTICK CONTROLLER WITH RS-232/422 SUPPORT

Introducing the BG-Commander-Jr, the compact yet powerful professional-grade joystick controller designed to meet the demands of a variety of applications. With its 2-axis joystick and zoom bridge key design, this controller provides refined control, durability, and stability, ensuring smooth and precise camera movement.

The BG-Commander-Jr sets itself apart with its 7-level PTZ speed control, providing operators with complete control over their camera movements with a visual indicator to show the current speed level. Image parameters such as exposure and gain are easily adjustable with knob-style controls and their own small displays showing current value for easy reference.

This versatile controller is designed for simultaneous communication and system compatibility, supporting integrated VISCA, UDP, and PELCO P/D control protocols in addition to RS232, RS422/RS485, and IP(UDP) interfaces. Operators can rest assured that the BG-Commander-Jr will seamlessly integrate with their existing ecosystem, providing easy and reliable control. Whether you need to manage a single camera or a cluster of five, the BG-Commander-Jr is more than capable of accomplishing the task.



Check out this item
on our website

Features



COMPACT DESIGN
Portable and can be strategically placed



4 COLOR LED MULTI-SCREEN DISPLAY
Review settings at a glance



SIMPLIFIED CONTROLS
Separated Pan/Tilt joystick and zoom keys for better control and reliability



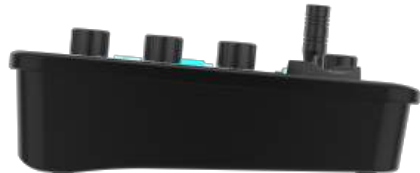
CONTROL PTZ SPEEDS
7-level PTZ speed control with visual indicator



QUICK SELECT
One-button click for auto, manual, and OPT focus modes



FLEXIBLE COMPATIBILITY
Wide compatibility allows for control of most PTZ cameras



Mounts

BZBGEAR VPTZ SERIES MOUNTS

The BZBGEAR VPTZ Series Camera Mount is crafted from heavy-gauge steel with a durable powder-coated finish, offering exceptional strength and reliability. This versatile mount provides multiple mounting options for secure attachment to drywall, masonry, or wood surfaces.

Its wall mount design allows for easy installation, while the ceiling mount configuration ensures a stable, secure base for the camera. Whether mounted on drywall, wood, or masonry, the VPTZ camera mount delivers superior support for optimal camera positioning.



**HEAVY-GAUGE
STEEL**



**WALL OR CEILING
OPTIONS**



INTUITIVE SETUP

BG-VPTZ-CM

METAL CEILING MOUNT BRACKET FOR BZBGear VPTZ SERIES CAMERAS

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.

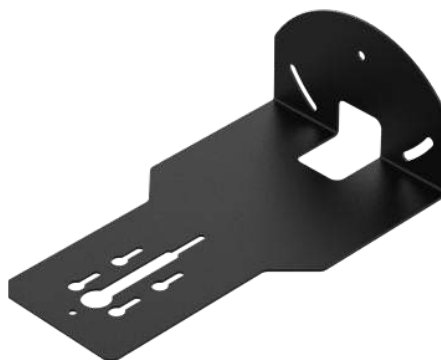


[Check out this item
on our website](#)

BG-VPTZ-WM

METAL WALL MOUNT BRACKET FOR BZBGear VPTZ SERIES CAMERAS

The BG-VPTZ-WM is a wall mount bracket for the VPTZ camera series. Multiple cut-outs allow versatile mounting and cable pass-through options. This bracket is constructed from durable heavy-gauge steel with a powder-coat finish and is designed to provide a secure and stable base for your PTZ camera. It can be mounted directly to drywall, wood, or masonry.



[Check out this item
on our website](#)

BG-VPTZ-TPM

TRIPOD MOUNT ADAPTER FOR BG-VPTZ CAMERAS

This mount adds even more versatility to our VPTZ series cameras. Simply attach this piece to the bottom of your VPTZ camera and you'll be able to mount it to a tripod, giving you the ultimate flexibility to capture that perfect shot!



[Check out this item
on our website](#)

Multiviewers

BZBGEAR MULTIVIEWERS

A multiviewer from BZBGEAR allows you to display multiple sources simultaneously on a single screen. Multiviewers are perfect solutions for presentation spaces, educators, surveillance monitoring, conference rooms, security professionals, and more! BZBGEAR multiviewers produce outstanding images that pair perfectly with the highest-quality displays on the market.

With the accompanying PC software (only available with certain models) you can create custom arrangements. Each source is fully adjustable for both size and position on the screen, allowing you to dial in the perfect setup. The BZBGEAR multiviewer control software will also allow you to manage image settings, so you can ensure the best quality is being displayed. This software is free to download and free to use.

Overall, BZBGEAR offers one of the best line-ups of multiviewers in the industry. Select products are also TAA compliant, authorizing the equipment for government use. Contact a BZBGEAR representative today and improve your system!



**SOFTWARE
CONTROLLABLE OPTIONS**



PLUG AND PLAY



AUTO-SCALING

BG-MV41A

4X1 1080P FHD HDMI SWITCHER/SCALER/MULTIVIEWER WITH IR/RS-232

The BG-MV41A is a 1080p 4x1 HDMI multiviewer. This device is a great option for anyone looking to view multiple video sources simultaneously on a single monitor with ease. The BG-MV41A is ideally suited for use in conference rooms, presentations, industrial workstations for production monitoring, and even surveillance systems for monitoring camera feeds.

With four HDMI inputs and one HDMI output, users can display up to four devices on one screen. These sources can be shown simultaneously or can be seamlessly switched between while in full-screen mode. This device is compliant with HDMI 1.3a and HDCP 1.2.

The BG-MV41A supports image upscaling and downscaling. This minimizes conflict when using multiple sources with varying resolutions on a single screen. With supported resolutions reaching up to 1080p@60Hz, this switcher provides professional quality for viewers.



[Check out this item on our website](#)

Features



HDCP 1.2
High-Bandwidth Digital Content Protection Supported



HIGH-RES INPUTS
Resolutions up to 1080p@60Hz supported



MULTIFUNCTIONAL
Use as a seamless switcher or multiviewer



MULTIVIEW
4x1 Quad Multiview (With matching resolutions)



REMOTE ADJUSTABLE RESOLUTIONS
Output resolutions can be adjusted via the IR Remote



SCALING
Upscale 720p Into 1080p And Downscale 1080p To 720p



BG-MV41A-G2

4X1 4K UHD HDMI SEAMLESS SWITCHER/SCALER/ MULTIVIEWER WITH PIP/AUDIO DE-EMBEDDING AND 8 DISPLAY MODES

The BG-MV41A-G2 is a high-performance 4x1 HDMI quad multi-viewer designed to display up to four HDMI sources on a single screen with seamless switching and flexible layouts. Supporting resolutions up to 4K@30Hz with 10.2Gbps bandwidth, it complies with HDMI 1.4b and HDCP 1.4 standards. Users can select from eight versatile viewing modes, including single view, picture-in-picture (PIP), picture-by-picture (PBP), triple-view, and quad-view - making it ideal for monitoring, control rooms, and content presentations.

Audio can be independently selected and output through the analog port with support for LPCM, Dolby Digital, Dolby Digital Plus, and DTS. Featuring auto/manual input switching, smooth transitions between views, and an on-screen display (OSD), the BG-MV41A-G2 offers both performance and control flexibility. Management is simple via front panel buttons, IR remote, or RS-232 commands, while advanced EDID management ensures reliable compatibility - all in a compact form factor built for professional AV installations.



Check out this item
on our website

Features

4K **4K RESOLUTION**
Handles input and output resolutions up to 4K@30Hz

SEAMLESS & FLEXIBLE SWITCHING
Smooth transitions with both automatic and manual input selection in single-view or multi-view modes

MULTIVIEW MODES
Offers 8 layouts including SINGLE, PIP, PBP (1/2), Triple (1/2), and Quad (1/2)

AUDIO DE-EMBEDDING
Outputs audio via analog stereo connection

INDEPENDENT AUDIO ROUTING
Select audio sources separately from video

CONTROL OPTIONS
Operate via front panel buttons, IR remote, or RS-232 commands



BG-MKVM41R

4X1 1080P FHD HDMI MULTIVIEWER WITH KVM USB 2.0 PORTS AND SUPPORT FOR UP TO 4 COMPUTERS/LAPTOPS

This seamless-switching quad KVM multiviewer is a great choice for anyone looking for an easy way to control four separate devices on one screen with one set of peripherals. With one mouse and one keyboard, a user can control up to four PCs in quad-view simply by hovering the mouse over the desktop of the computer they'd like to control on the screen to instantaneously activate control over that machine.

The BG-MKVM41R can help create a productivity enhanced workstation and also enables several PCs to share a printer, camera, or other peripherals via two USB 2.0 ports.

With four HDMI/USB 2.0 PC HOST ports and one HDMI output, connecting four devices and displaying them on one screen in quad-view is simple. They can also be shown in full screen and switched between via different control methods. The BG-MKVM41R can support HDMI output resolutions up to 1080p@60Hz.



[Check out this item on our website](#)

Features



MULTI-VIEWER

View up to 4 computers or devices on one screen simultaneously



SEAMLESS KVM CONTROL

Control connected devices in quad-view by merely hovering your mouse over the desired screen



HDCP 1.2

High-Bandwidth Digital Content Protection Supported



FULL HD

Supports 1080@60Hz for crystal clear images



USB 2.0

Supports up to 4 USB peripherals to share between connected device



COMPATIBLE

Compatible with Mac OS and Windows



Signal Extenders

HDMI Extenders Over Category Cable

RELIABLE SIGNAL EXTENDERS

Overcome the limitations of HDMI or USB cable lengths with BZBGear Essential HDMI over Category Signal Extenders. These innovative devices provide a reliable, cost-effective solution for extending signals without compromising quality.

Designed for installations where traditional cables fall short, these extenders utilize Cat5/6/7 cables to transmit HDMI signals over longer distances. Ideal for moderate extensions of up to 150 ft or more, they are a perfect choice for home theaters, conference rooms, and small office environments. With their affordability and versatility, HDMI over Category extenders are a go-to solution for seamless connectivity.



HD TO 4K
SUPPORT



FLEXIBLE AUDIO
SUPPORT



EXTENSION
OVER 150 FT

BG-EXT-H70P

4K UHD HDMI EXTENDER OVER CAT5E/6 WITH POC/IR/HDMI LOOP OUT UP TO 131FT FOR 4K30

The BG-EXT-H70P is a high-performance HDMI extender designed to deliver uncompressed, zero-latency video and audio signals over long distances using a single CAT6/5e cable. Supporting resolutions up to 4K@30Hz (YUV 4:4:4) and fully compliant with HDMI 1.4, HDCP 1.4, and DVI 1.0 standards, this extender is an ideal solution for professional AV installations in conference rooms, classrooms, and large-scale display setups.

With transmission distances up to 230 feet (70 meters) for 1080p and 131 feet (40 meters) for 4K@30Hz over CAT6, the BG-EXT-H70P ensures reliable signal extension without compromising quality. It features an HDMI loop-out for local monitoring or cascading to additional extenders, EDID copy functionality for flexible compatibility, and one-way IR pass-through for convenient remote control. Power is delivered from transmitter to receiver via PoC (Power over Cable), simplifying installation with fewer cables.



[Check out this item on our website](#)

Features



HDCP & DVI COMPLIANCE

Fully compliant with HDCP 1.4 and DVI 1.0 standards



4K VIDEO SUPPORT

Supports resolutions up to 4K@30Hz (YUV 4:4:4)



EXTENDED TRANSMISSION DISTANCE

Up to 230 ft (1080p) / 131 ft (4K30) over CAT6, and 197 ft (1080p) / 115 ft (4K30) over CAT5e



EDID MANAGEMENT

Supports EDID copy from the receiver's display or the HDMI loop-out display for reliable signal negotiation



POWER OVER CABLE (POC)

One-way PoC delivers power from the transmitter to the receiver, simplifying installation



IR PASS-THROUGH

Supports one-way IR signal transmission



BG-EXH-150C

4K UHD HDMI HDBASET LONG RANGE EXTENDER WITH BI-DIRECTIONAL IR/RS-232/CEC UP TO 490FT

This device with a help of HDBaseT technology will extend HDMI signal for up to 150M (492 ft) with resolutions for up to 4K@60Hz using single CAT6 ethernet cable. But probably this is not the only feature you are looking for. So, it can do much more – along with HDMI it will extend IR and RS-232 signal, so you can control your TV from the source side (for example, when using 3rd party control system) or you can control the source (like your cable box) from the TV side.

If you need to connect local audio system – there is a 3.5mm mini-jack connector on the receiver which provides de-embedding audio from HDMI signal. If you need to duplicate transmitted signal – there is a HDMI loop-out connector, which you can use to connect monitor or another device.

Power over category cable adds more convenience for your setup – only one side (either transmitter or receiver) needs power adapter to be connected to electrical outlet, and to make it secure it has locking connector.



[Check out this item on our website](#)

Features



EXTREME RANGE

Transmit 1080p up to 492ft and 4K up to 394ft



STUNNING IMAGE QUALITY

Supports resolutions up to 4K@60Hz



HDR SUPPORT

HDR, HDR10+, Dolby Vision, HLG



POC

Only one of the units, TX or RX, needs to be plugged into AC power



MULTIPLE TYPES OF CONTROL

Control devices with bi-directional IR, RS-232 and CEC pass-through



AUDIO DE-EMBEDDING

Receiver provides analog audio output for external audio system



Signal Extenders

KVM/USB Extenders Over Category Cable

RELIABLE SIGNAL EXTENDERS

BZBGEAR KVM (Keyboard, Video, and Mouse) extenders provide an efficient solution for remote computer control, enabling seamless transmission of KVM signals over long distances using a single category cable such as Cat5e, Cat6, or Cat7. These devices are ideal for environments where a computer needs to remain in a secure or controlled location, while the user interface is positioned elsewhere—sometimes hundreds of feet away.

What sets BZBGEAR KVM extenders apart are their advanced features designed for superior performance. They support stunning 4K UHD resolutions up to 4K@60fps, delivering crystal-clear video quality. With USB hot-plug functionality, users can effortlessly connect or disconnect USB devices without the need to restart the system, ensuring maximum convenience. Moreover, these extenders utilize low-latency technology to deliver near-zero lag, guaranteeing smooth and responsive performance even for the most demanding applications.



HD TO 4K
SUPPORT



FLEXIBLE AUDIO
SUPPORT



SIGNAL EXTENSION
OVER 200 FT

BG-EXHKVM-70C

4K UHD HDMI/KVM EXTENDER OVER CAT5E/6 WITH ZERO LATENCY AND HDR/ARC SUPPORT UP TO 230FT

With a new IPCOLOR technology (a global leading and innovative protocol for UHD video digital transmission with lossless compression) this extender is capable of transmitting HDMI and USB signals with zero latency (gamers loved it) across distances of up to 70 meters (230 ft) over a single Cat6/6a/7 cable. If your computer makes uncomfortable level of noise and you want to send it away to the basement and work peacefully in your office, or if your company policies require your workstation to be locked in server room – these are exactly why KVM extender was created. When you need to separate your PC and your Display/Keyboard&Mouse for a long distance this device will serve you well.

You can use USB connectors on the receiver not only for your mouse and keyboard, but also for other USB 2.0 devices like storage drives. S/PDIF connector on the receiver will de-embed audio signal from HDMI, so you can connect your local audio system. BG-EXHKVM-70C supports resolutions up to 4K 60fps HDR10 as well as many audio formats like LPCM/DTS-HD/DTS-Audio/Dolby Digital 5.1CH.



[Check out this item on our website](#)

Features



STUNNING IMAGE QUALITY

Supports resolutions up to 4K@60Hz



AUDIO EXTRACTION

Digital audio can be extracted via the optical audio port



LONG RANGE

Extends USB 2.0 signal up to 328 feet



PLUG AND PLAY

No drivers needed



HDMI LOOP-OUT

Connect an additional display to the transmitter



SURGE PROTECTION

Integrated surge protection increases reliability



Signal Extenders

Wireless Extenders

BZBGEAR HDMI WIRELESS EXTENDERS

BZBGEAR HDMI wireless extenders provide a seamless solution for transmitting high-quality audio and video signals from an HDMI source to a display over a wireless connection. Designed with innovation and durability in mind, these extenders deliver exceptional performance and reliability for both professional and personal applications.

Equipped with advanced wireless interference protection, they ensure stable and uninterrupted signal transmission by effectively minimizing disruptions caused by other wireless devices. Loop-out ports allow for convenient local monitoring, enabling real-time observation of the transmitted signal without additional equipment. The extenders feature durable metal housing and versatile mounting options, ensuring long-term reliability and adaptability in various environments.



**WIRELESS RANGE
OVER 100 FT**



**4K UHD VIDEO
SUPPORT**



**ADVANCED SIGNAL
PROTECTION**

BG-AIR4KAST

4K UHD HDMI WIRELESS SENDER/RECEIVER EXTENDER KIT WITH IR UP TO 164FT

The BG-Air4Kast is an advanced 4K@60Hz HDMI wireless extender solution consisting of a transmitter and a receiver. It leverages ipcolor STREAM technology for high-definition and low-latency video transmission. Operating on the 5G wireless frequency band, it delivers stability, anti-interference capabilities, and safety. The extender supports wireless transmission up to 50 meters, offering a solution for wirelessly transmitting video in applications such as video conferences, home entertainment, and multimedia education.

Key features include support for resolutions up to 3840x2160@60Hz, HDMI loop out on the transmitter, IR passback, compatibility with 5G wireless frequency bands, and interference mitigation through SSID pairing and channel switching. The extender can also be easily upgraded via a Micro USB port. It's important to note that transmission distances may vary and interference from solid structures and wireless signals may affect performance.



[Check out this item on our website](#)

Features



IPCOLOR STREAM TECHNOLOGY

Maintains HD video quality for clear visuals



4K@60HZ SUPPORT

Handles the latest content, backward compatible



WIRELESS TRANSMISSION 164FT (50M)

Flexible setup in any environment



HDMI LOOP OUT

Transmits to local and remote displays



SUPPORT 5G

Resists wireless interference



MICRO USB PORT

Future-proof firmware upgrades

Multiple-Awards Winner



BEST OF SHOW - CEDIA 2024



BEST OF SHOW - ISE 2024: RESIDENTIAL SYSTEMS WINNER



2024 TOP NEW TECHNOLOGY (TNT) AWARD



2023 BEST IN MARKET AWARDS FOR MEDIA AND ENTERTAINMENT - TV TECH



Splitters & Amplifiers

HDMI Splitters

BZBGEAR HDMI SPLITTERS

BZBGEAR HDMI splitters allow a single HDMI source to be distributed to multiple displays, simplifying installations and improving system reliability by removing the need for multiple source devices. These devices act as a central hub, streamlining your setup with centralized wiring that eliminates the clutter of extra cables and hardware. This not only creates a cleaner and more organized environment but also makes troubleshooting far easier.

Using an HDMI splitter is quick and intuitive—simply connect your HDMI source to the splitter's input and link its output ports to your desired displays. High-quality HDMI splitters ensure no loss in signal integrity, delivering an identical digital signal to all connected displays without any degradation in quality.



HD TO 8K
SUPPORT



AUTO SCALING
OPTIONS



AUDIO SUPPORT

BG-DA-14

1X4 4K UHD HDMI SPLITTER WITH HDR AND 3D SUPPORT

The BG-DA-14 is a compact powerhouse, splitting a single HDMI signal into four 4K UHD displays with support for HDMI 2.0b, HDCP 2.2, HDR, and 3D content. Enjoy stunning 4K visuals at 60Hz with vivid 4:4:4 color, coupled with exceptional audio quality featuring LPCM 7.1CH, Dolby TrueHD, and DTS-HD support.

Connectivity issues are a thing of the past, thanks to smart EDID control, all within a sleek, space-saving design. With a high-speed 18Gbps transfer rate and compatibility with multiple displays, the BG-DA-14 redefines your multimedia experience, making it a must-have for home entertainment, professional presentations, or educational setups.

An HDMI 1x4 signal splitter takes a single HDMI input signal and duplicates it into four identical HDMI output signals. Each of these output signals can be connected to separate display devices, such as TVs or monitors, allowing the same audio and video content to be shown simultaneously on multiple screens.



[Check out this item on our website](#)

Features



4K RESOLUTION

Supports resolutions up to 4K2K@60Hz 4:4:4



MULTI-CHANNEL AUDIO SUPPORT

Supports LPCM 7.1CH, Dolby TrueHD, DTS-HD



SMART EDID

Eliminates connectivity issues



COMPACT DESIGN

Easily installed in tight spaces



HI-SPEED

18Gbps transfer rate



MULTIPLE OUTPUTS

Supports up to 4 displays



BG-8K-DA12

1X2 8K UHD HDMI 2.1 SPLITTER WITH AUTO DOWNSCALING (8K60/4K120 AND VRR/ALLM/QMS/QFT/SBTM SUPPORT)

The BG-8K-DA12 1x2 HDMI Splitter is a high-performance device designed to split a single HDMI signal into two simultaneous HDMI outputs, delivering exceptional video quality with resolutions up to 8K@60Hz 4:2:0 12-bit. Engineered for demanding applications, this splitter supports data rates up to 48Gbps and complies with the latest HDMI 2.1 and HDCP 2.3 standards, ensuring seamless integration into any setup.

With advanced EDID management and cable equalization features, it's the ideal solution for gaming and high-definition video environments. Whether connected to an Xbox, PS5, or any 4K/8K-capable device, this splitter allows for 4K@120Hz output on multiple TVs or monitors, offering a seamless experience for gaming and entertainment enthusiasts alike.

The splitter also supports HDR pass-through, including HDR10, HDR10+, Dolby Vision, and HLG, ensuring vibrant and dynamic visuals across compatible displays. For audio, it delivers immersive sound quality, supporting formats such as LPCM 7.1CH, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio, and DTS pass-through.



[Check out this item
on our website](#)

Features



HDCP 2.3 COMPLIANT

Ensures secure content protection and compatibility with the latest HDMI standards



STUNNING RESOLUTION SUPPORT

Handles video resolutions up to 8K@60Hz (4:2:0, 12-bit) and 4K@120Hz (4:4:4, 12-bit) as per HDMI 2.1 specifications



HDMI 2.1 PROTOCOL

Supports VRR, ALLM, QMS, QFT, and SBTM for enhanced gaming and dynamic video performance



ADVANCED HDR COMPATIBILITY

Passes through HDR, HDR10, HDR10+, Dolby Vision, and HLG for vivid color and contrast



AUTO DOWNSCALING

Automatically downscales 8K to 4K or 8K/4K to 1080P on all outputs for compatibility with lower-resolution displays



COMPACT DESIGN

Enables easy and flexible installation in any setup



BG-8K-DA12A-G2

1X2 8K UHD HDMI 2.1 48GBPS SPLITTER WITH AUTO DOWNSCALING/AUDIO DE-EMBEDDING (8K60/4K120 AND VRR/FVA/ALLM SUPPORT)

The BG-8K-DA12A-G2 is a high-performance 1x2 HDMI 2.1 splitter designed to distribute a single HDMI source to two displays without compromising video or audio quality. Supporting resolutions up to 8K@60Hz (4:2:0, 12-bit) and 4K@120Hz (4:4:4, 12-bit) with 48Gbps FRL bandwidth, this device ensures stunning visual clarity and fluid motion for both home entertainment and professional AV setups. Its HDCP 2.3 compliance guarantees seamless content protection, making it ideal for high-definition streaming, gaming, and presentation applications.

Engineered for superior performance, the BG-8K-DA12A-G2 integrates cutting-edge technologies, including HDR, HDR10+, Dolby Vision, and HLG pass-through, to deliver deeper contrast, vibrant colors, and enhanced image quality. Gamers will benefit from VRR (Variable Refresh Rate), FVA (Fast VActive), and ALLM (Auto Low Latency Mode), ensuring smooth gameplay and reduced input lag. Additionally, built-in audio de-embedding extracts high-fidelity audio via optical (S/PDIF) and 3.5mm analog outputs, offering versatile sound output options for home theaters and professional AV setups.



[Check out this item on our website](#)

Features

8K **8K HDMI 2.1 SUPPORT**
Supports up to 8K@60Hz (4:2:0, 12-bit) and 4K@120Hz (4:4:4, 12-bit) for ultra-smooth visuals and deep color

HDCP 2.3 COMPLIANCE
Secures content protection for streaming devices, gaming consoles, and Blu-ray players

HDR **HDR & ADVANCED VIDEO**
Supports HDR, HDR10+, Dolby Vision, and HLG for enhanced brightness, contrast, and color depth

CONTENT-OPTIMIZED
Features VRR, FVA, and ALLM for reduced lag and screen tearing

AUDIO DE-EMBEDDING
Extracts audio via optical (S/PDIF) and 3.5mm analog outputs for external sound systems

ADVANCED EDID MANAGEMENT
Customizable EDID settings ensure seamless source-display communication



BG-8K-DA14

1X4 8K UHD HDMI 2.1 SPLITTER WITH AUTO DOWNSCALING (8K60/4K120 AND VRR/ALLM/QMS/QFT/SBTM SUPPORT)

Experience unparalleled video distribution with our advanced BG-8K-DA14 1x4 HDMI Splitter, designed to deliver a single HDMI signal to four outputs simultaneously with impeccable precision and quality. Supporting video resolutions up to 8K at 60Hz (4:2:0, 12-bit) and data rates up to 48Gbps, this splitter ensures an exceptional viewing experience. Compliant with HDMI 2.1 and HDCP 2.3 standards, it offers seamless integration and enhanced performance for modern entertainment systems, including gaming consoles like Xbox and PS5, enabling stunning 4K at 120Hz on your TVs or compatible monitors.

The BG-8K-DA14 1x4 HDMI Splitter is HDCP 2.3 compliant, ensuring secure content protection and seamless connectivity with the latest devices. It supports 48Gbps FRL and 18Gbps TMDS video bandwidth, providing ultra-high-speed data transmission for optimal performance. The splitter accommodates high-resolution video, supporting up to 8K at 60Hz (4:2:0, 12-bit) and 4K at 120Hz (4:4:4, 12-bit) as specified in HDMI 2.1. It also supports HDMI 2.1 protocol, including VRR (Variable Refresh Rate), ALLM (Auto Low Latency Mode), QMS (Quick Media Switching), QFT (Quick Frame Transport), and SBTM (Source-Based Tone Mapping).



Check out this item
on our website

Features



HDCP 2.3 COMPLIANT

Ensures secure content protection, enabling seamless connectivity with the latest devices



HIGH-RESOLUTION VIDEO

Supports video resolutions up to 8K@60Hz (4:2:0, 12-bit) and 4K@120Hz (4:4:4, 12-bit) as specified in HDMI 2.1



HDMI 2.1 PROTOCOL

Supports VRR (Variable Refresh Rate), ALLM (Auto Low Latency Mode), QMS (Quick Media Switching), QFT (Quick Frame Transport), and SBTM (Source-Based Tone Mapping)



ADVANCED AUDIO

Supports LPCM 7.1CH, Dolby TrueHD, Atmos, DTS-HD Master, and DTS audio formats for immersive sound



AUTO DOWNSCALING

Automatically scales 8K to 4K or 8K/4K to 1080P on all outputs for compatibility with various displays



ADVANCED EDID MANAGEMENT

Simplifies the integration process and enhances compatibility with various devices



BG-8K-DA14A-G2

1X4 8K UHD HDMI 2.1 48GBPS SPLITTER WITH AUTO DOWNSCALING/AUDIO DE-EMBEDDING (8K60/4K120 AND VRR/ALLM/QMS/QFT/SBTM SUPPORT)

The BG-8K-DA14A-G2 is a high-performance 1x4 HDMI 2.1 splitter designed to distribute a single 8K HDMI source to up to four display devices simultaneously. Supporting cutting-edge 8K@60Hz and 4K@120Hz resolutions, this splitter ensures crystal-clear visuals with HDR10+, Dolby Vision, and HLG for a truly immersive viewing experience. With a robust 48 Gbps FRL bandwidth, HDCP 2.3 compliance, and advanced gaming features like VRR and ALLM, this device is perfect for home theaters, gaming setups, and professional AV environments. Additionally, its built-in audio de-embedding capability allows seamless extraction of audio through optical S/PDIF and analog L/R outputs, offering enhanced flexibility for integrating external sound systems.

For audio enthusiasts, the BG-8K-DA14A-G2 offers high-fidelity sound formats, including Dolby Atmos, DTS-HD Master Audio, and LPCM 7.1CH, creating a cinematic sound experience.



[Check out this item on our website](#)

Features



8K HDMI 2.1 SUPPORT

Supports up to 8K@60Hz (4:2:0, 12-bit) and 4K@120Hz (4:4:4, 12-bit) for ultra-smooth visuals and deep color



HDCP 2.3 COMPLIANCE

Secures content protection for streaming devices, gaming consoles, and Blu-ray players



HDR & ADVANCED VIDEO

Supports HDR, HDR10+, Dolby Vision, and HLG for enhanced brightness, contrast, and color depth



CONTENT-OPTIMIZED

Features VRR, FVA, and ALLM for reduced lag and screen tearing



AUDIO DE-EMBEDDING

Extracts audio via optical (S/PDIF) and 3.5mm analog outputs for external sound systems



ADVANCED EDID MANAGEMENT

Customizable EDID settings ensure seamless source-display communication



BG-DA-18G2

1X8 4K UHD ULTRA SLIM HDMI SPLITTER WITH EDID MANAGEMENT

The BG-DA-18G2 HDMI splitter lets you distribute an HDMI signal to 8 separate outputs. It supports the latest HDMI 2.0 18Gbps specification, including HDR for vivid visuals. You can enjoy stunning 4K UHD resolution at 60Hz with 4:4:4 color depth, as well as all common video resolutions. This splitter also supports all HDMI audio formats, such as Dolby TrueHD, Atmos, and DTS-HD Master Audio, for superior sound quality. With advanced EDID management and HDCP 2.2 compliance, you can expect seamless compatibility with your devices. The BG-DA-18G2 is ideally used for home theater, entertainment room, lecture room, hall presentation, showroom, demo room, and public commercial display.

To use dip switches for EDID management, locate the dip switch or block on the device, determine the switch configuration for the desired EDID data, set the switches according to the configuration, power cycle the device, and verify the new EDID configuration. Consult the device manual or product specifications for specific instructions.



[Check out this item on our website](#)

Features



1X8 SWITCHING

1x HDMI input and 8x HDMI outputs



HDMI 2.0

18Gbps specification including HDR



4K@60HZ

Up to 4K UHD 60Hz 4:4:4



AUDIO FORMATS

All known HDMI audio formats including Dolby TrueHD, Atmos, and DTS-HD Master Audio transmission



EDID MANAGEMENT

Seamless scaling for the best results



HDCP COMPLIANT

HDCP 2.2 compliancy ensures copyright protection



Splitters & Amplifiers

Long-Range HDMI Splitters

BZBGEAR LONG RANGE HDMI SPLITTERS

BZBGEAR HDMI splitters are the perfect solution for distributing a single HDMI source to multiple displays over long distances, making them ideal for high-traffic venues such as sports bars, auditoriums, and large conference rooms. These splitters streamline installation by eliminating the need for multiple source devices and centralizing your wiring setup, which simplifies troubleshooting, reduces clutter, and enhances overall system efficiency.

BZBGEAR HDMI extenders take video transmission beyond the limitations of standard HDMI cables, extending signals up to 200 feet at 4K@30Hz resolution. They offer a reliable and cost-effective solution for long-distance HDMI distribution, ensuring high-quality video and audio delivery even in expansive setups.



RESOLUTIONS
UP TO 4K@30HZ



SIGNAL EXTENSION
UP TO 200 FEET



FULL AUDIO
SUPPORT

BG-HDA-E14

1X4 1080P/4K30 HDMI SPLITTER/DISTRIBUTION AMPLIFIER KIT WITH 4 RECEIVERS UP TO 230FT OVER CATEGORY CABLE

The BG-HDA-E14 is a 4K 1x4 HDMI splitter that can split a single HDMI source signal to four displays at distances up to 70 meters over CAT6 networking cable. This splitter is a great choice for users that need to output a single video source like a Blu-ray player, computer, game console, or streaming media player to multiple displays.

Ease of installation and high quality video are hallmarks of the BG-HDA-E14. The splitter supports resolutions as high as 4K2K@30Hz 4:4:4, ensuring no quality is lost when your input is split between the four outputs. The splitter has one HDMI input, one HDMI loop output, and eight CAT outputs. The signal can be extended at distances up to 50m/164ft at 4K@30Hz resolution or up to 70m/230ft at 1080p@60Hz.

A set of DIP switches on the transmitter provide access to advanced EDID management for the BG-HDA-E14. One-way IR control signal pass-through provides source control from the receivers. The IR receivers can accept and transmit a signal from up to 8 meters away.



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Features



CRYSTAL CLEAR IMAGES

Supports resolutions up to 4K@30Hz



POWER OVER CABLE (POC)

Receivers require no power supply



HDCP 1.4

High-Bandwidth Digital Content Protection Supported



HDMI LOOP-OUT

Simple for anyone to learn



MULTI-CHANNEL AUDIO SUPPORT

Dolby TrueHD, DTS-HD, Dolby Digital Plus, and LPCM 7.1



CONTROL

IR Passthrough



BG-HDA-E18

1X8 1080P/4K30 HDMI SPLITTER/DISTRIBUTION AMPLIFIER KIT WITH 8 RECEIVERS UP TO 230FT OVER CATEGORY CABLE

The BG-HDA-E18 is a 4K 1x8 HDMI splitter that can split a single HDMI source signal to eight displays at distances up to 70 meters over CAT6 networking cable. This splitter is a great choice for users that need to output a single video source like a Blu-ray player, computer, game console, or streaming media player to multiple displays.

Ease of installation and high quality video are hallmarks of the BG-HDA-E18. The splitter supports resolutions as high as 4K2K@30Hz 4:4:4, ensuring no quality is lost when your input is split between the eight outputs. The splitter has one HDMI input, one HDMI loop output, and eight CAT outputs. The signal can be extended at distances up to 50m/164ft at 4K@30Hz resolution or up to 70m/230ft at 1080p@60Hz.

A set of DIP switches on the transmitter provide access to advanced EDID management for the BG-HDA-E18. One-way IR control signal pass-through provides source control from the receivers. The IR receivers can accept and transmit a signal from up to 8 meters away.



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Features



CRYSTAL CLEAR IMAGES

Supports resolutions up to 4K@30Hz



POWER OVER CABLE (POC)

Receivers require no power supply



HDCP 1.4

High-Bandwidth Digital Content Protection Supported



HDMI LOOP-OUT

Simple for anyone to learn



MULTI-CHANNEL AUDIO SUPPORT

Dolby TrueHD, DTS-HD, Dolby Digital Plus, and LPCM 7.1



CONTROL

IR Passthrough



Splitters & Amplifiers

SDI Splitters

BZBGEAR SDI SPLITTERS

BZBGEAR HD SDI splitters allow you to distribute a single SDI source to multiple displays, making them ideal for applications like live events and houses of worship. These splitters offer a simple and reliable solution for dividing SDI connections.

BZBGEAR SDI splitters feature independently buffered and re-clocked outputs, eliminating jitter and extending SDI transmission distance. This ensures lossless signal splitting, maintaining video quality across all connected displays. BZBGEAR SDI splitters simply copy the digital signal, eliminating the possibility of quality loss.



**FHD VIDEO
SUPPORT**



**LOCKING SDI
CONNECTIONS**



**LOSSLESS VIDEO
DISTRIBUTION**

BG-3GS12

1080P FHD 3G-SDI 1X2 SPLITTER/DISTRIBUTION AMPLIFIER

The BG-3GS12 is a 1x2 3G-SDI splitter that splits one SDI input to two SDI outputs simultaneously. With a signal rellocking feature it can also extend a video signal for long distance transmission. This reliable and powerful tool provides consistent connections in a variety of different scenarios, like adding a second output for monitoring video feeds on a separate display, splitting the signal and cascading to multiple displays, or extending an SDI signal.

The BG-3GS12 supports a maximum resolution of 1080p@60Hz with 3G-SDI signal. The device also supports a wide range of data rates from 270 Mbps at the low end to a maximum bandwidth of 2.97 Gbps. There is also support for multiple deep color settings such as 8-bit, 10-bit, and 12-bit.



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Features



1080P@60 SUPPORT

Crystal clear images with resolutions up to 1080p@60Hz



LOCKING CONNECTORS

Quality and reliable locking SDI connectors ensure your cables are not accidentally unplugged



MULTIPLE OUTPUTS

Split a single SDI source up to 2 different SDI displays or devices



EASY TO USE

Simple for anyone to learn



PORTABLE

Ideal for any on-the-go kit



RUGGED DESIGN

Durable metal structure built to withstand years of operation



BG-3GS14

1080P FHD 3G-SDI 1X4 SPLITTER/DISTRIBUTION AMPLIFIER

The BG-3GS14 is a 1x4 3G-SDI splitter that splits one SDI input to four SDI outputs simultaneously. With a signal rellocking feature it can also extend a video signal for long distance transmission. This reliable and powerful tool provides consistent connections in a variety of different scenarios, like adding a multiple outputs for monitoring a video feed on different displays, splitting the signal and cascading to multiple displays, or extending an SDI signal.

The BG-3GS14 supports a maximum resolution of 1080p@60Hz with 3G-SDI signal. The device also supports a wide range of data rates from 270 Mbps at the low end to a maximum bandwidth of 2.97 Gbps. There is also support for multiple deep color settings such as 8-bit, 10-bit, and 12-bit.



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Features



1080P@60 SUPPORT

Crystal clear images with resolutions up to 1080p@60Hz



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EASY TO USE

Simple for anyone to learn



PORTABLE

Ideal for any on-the-go kit



RUGGED DESIGN

Durable metal structure built to withstand years of operation



Video Switchers

Basic Switchers

BZBGEAR BASIC HDMI SWITCHERS

BZBGEAR's Basic HDMI Switchers are engineered for simplicity and superior performance, offering an intuitive setup to easily connect multiple HDMI devices. Available in 2x1 and 4x1 configurations, these switchers support both 4K and 8K resolutions, ensuring crystal-clear video quality across a range of applications.

Perfect for home entertainment systems, these switchers enable seamless switching between streaming devices, gaming consoles, and media players. For gamers, BZBGEAR's 8K HDMI switchers feature cutting-edge technologies such as 4K120Hz, VRR (Variable Refresh Rate), and ALLM (Auto Low Latency Mode), delivering an enhanced, responsive gaming experience.

In commercial settings like retail stores, bars, and restaurants, these switchers help manage multiple media sources, supporting dynamic content display for customer engagement and advertising.

In the professional AV sector, BZBGEAR HDMI switchers are indispensable tools for AV integrators, offering reliable signal routing and easy-to-use controls for complex installations.



4K AND 8K/4K120
SUPPORT



PLUG-AND-PLAY



SUPPORTS VARIOUS
AUDIO FORMATS

BG-8K-HS21

2X1 8K UHD ULTRA SLIM HDMI 2.1 SWITCHER (8K60/4K120HZ 4:4:4 AND VRR/FVA/ALLM SUPPORT)

The 8K 2x1 HDMI 2.1 switcher is a versatile device that allows you to switch between two HDMI sources and display the selected input on a single HDMI display. It offers support for high-resolution video up to 8K at 60Hz with 4:4:4 chroma subsampling, providing crisp and detailed images with excellent color accuracy. Additionally, the switcher has a high video bandwidth of 48Gbps, which enables it to handle the large amounts of data required for high-quality 8K video.

This switcher is an ideal solution for those who want to be able to easily switch between multiple HDMI sources, such as a gaming console, Blu-ray player, or streaming device. Whether you're watching movies, playing games, or simply want to be able to easily access multiple sources of content, the 8K 2x1 HDMI 2.1 switcher can help ensure that you have access to the best possible video quality.



[Check out this item on our website](#)

Features



SECURE CONTENT

HDMI 2.1 and HDCP 2.3 compliant



8K AND 4K@120HZ

8K@60Hz 4:4:4 8/10/12-bit,
8K@60Hz 4:2:0 12-bit, 8K@ 30Hz
4:4:4 10-bit, 4K@120Hz 4:4:4 10-bit
video support



AUDIO FORMATS

LPCM 7.1CH, Dolby TrueHD, and
DTS-HD Master Audio



2X1 SWITCHING

Switch sources at the push of a
button or enable automatic
switching



EDID MANAGEMENT

Seamless scaling for the best results



COMPACT DESIGN

For easy and flexible installation



BG-SW-41A

4X1 4K UHD ULTRA SLIM HDMI SWITCHER WITH IR REMOTE CONTROL

The BG-SW-41A is a 4X1 HDMI switcher that allows users to connect up to four HDMI sources to a single HDMI display. This HDMI 2.0 and HDCP 2.2 compliant device supports signals up to 4K@60Hz at 18Gbps.

Extract HDMI audio (LPCM only) via the 3.5mm output without any loss of quality. This unit also supports HDMI High Bit Rate (HBR) audio pass through with audio sample rates up to 192kHz. Switching between sources is simple when using the front panel push button or the IR remote, and its compact design makes installation easy. The BG-SW-41A also supports automatic switching when a new source is connected, or to the last connected source when a source is disconnected.



[Check out this item on our website](#)

Features



HDCP 2.2

High-Bandwidth Digital Content Protection Supported



CRYSTAL CLEAR IMAGES

Capable of video resolutions up to 4K2K@50/60Hz (YUV444)



3.5MM AUDIO OUT

Extracts HDMI audio (LPCM only)



SIMPLE TO USE

Seamless scaling for the best results



HDR

10 bit HDR (High Dynamic Range) pass through



RELIABLE

Built to last



BG-8K-HS41

4X1 8K UHD ULTRA SLIM HDMI 2.1 SWITCHER (8K60/4K120HZ 4:4:4 AND VRR/FVA/ALLM SUPPORT)

The 8K 4x1 HDMI 2.1 switcher is a versatile device that allows you to switch between four HDMI sources and display the selected input on a single HDMI display. It offers support for high-resolution video up to 8K at 60Hz with 4:4:4 chroma subsampling, providing crisp and detailed images with excellent color accuracy. Additionally, the switcher has a high video bandwidth of 48Gbps, which enables it to handle the large amounts of data required for high-quality 8K video.

This switcher is an ideal solution for those who want to be able to easily switch between multiple HDMI sources, such as a gaming console, Blu-ray player, or streaming device. Whether you're watching movies, playing games, or simply want to be able to easily access multiple sources of content, the 8K 4x1 HDMI 2.1 switcher can help ensure that you have access to the best possible video quality.



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Features



SECURE CONTENT

HDMI 2.1 and HDCP 2.3 compliant



8K AND 4K@120HZ

8K@60Hz 4:4:4 8/10/12-bit,
8K@60Hz 4:2:0 12-bit, 8K@ 30Hz
4:4:4 10-bit, 4K@120Hz 4:4:4 10-bit
video support



AUDIO FORMATS

LPCM 7.1CH, Dolby TrueHD, and
DTS-HD Master Audio



4X1 SWITCHING

Switch sources at the push of a button or enable automatic switching



EDID MANAGEMENT

Seamless scaling for the best results



COMPACT DESIGN

For easy and flexible installation



BG-8K-HS21A

2X1 8K UHD HDMI 2.1 SWITCHER WITH AUDIO DE-EMBEDDER
(8K60/4K120HZ 4:4:4 VRR/FVA/ALLM SUPPORT)

Elevate your multimedia experience with the BG-8K-HS21A 48Gbps 2x1 HDMI Switcher. This high-performance device seamlessly switches between two HDMI sources to one HDMI display, supporting video resolutions up to 8K@60Hz 4:2:0. Perfect for a variety of applications including home entertainment, gaming, and multimedia, this versatile switcher features advanced EDID management and an audio de-embedding function, making it an ideal solution for any large-screen display scenario.

This switcher is HDCP 2.3 compliant, ensuring secure and uninterrupted signal transmission. With a video bandwidth of 48Gbps, it delivers superior video quality and performance. It supports high video resolutions up to 8K@60Hz YCbCr 4:2:0 12-bit, and 4K@120Hz RGB/YCbCr 4:4:4 12-bit, as specified in HDMI 2.1. Dynamic video enhancements such as VRR (Variable Refresh Rate), FVA (Future Video Architecture), and ALLM (Auto Low Latency Mode) provide smooth and responsive video playback.



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on our website](#)

Features



HDCP 2.3 COMPLIANT

Ensures secure and uninterrupted signal transmission



HIGH-RESOLUTION SUPPORT

Supports video resolutions up to 8K@60Hz YCbCr 4:2:0 12-bit, 4K@120Hz RGB/YCbCr 4:4:4 12-bit, as specified in HDMI 2.1



VIDEO ENHANCEMENTS

Supports VRR (Variable Refresh Rate), FVA (Future Video Architecture), and ALLM (Auto Low Latency Mode) for smooth and responsive video playback



AUDIO SUPPORT

Compatible with HDMI audio formats including LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, and DSD



ADVANCED EDID

Simplifies setup and ensures compatibility with a wide range of display devices



USER-FRIENDLY CONTROL

Easily switch sources using the IR remote control or front panel buttons



BG-8K-HS41A

4X1 8K UHD HDMI 2.1 SWITCHER WITH AUDIO DE-EMBEDDER
(8K60/4K120HZ 4:4:4 VRR/FVA/ALLM SUPPORT)

The BG-8K-HS41A 48Gbps 4x1 HDMI Switcher is a high-performance solution designed to seamlessly switch between four HDMI source signals on a single HDMI display. Capable of supporting video resolutions up to 8K@60Hz 4:2:0, this switcher is equipped with cutting-edge features to enhance your audiovisual experience. Its advanced EDID management, CEC control, ARC/eARC support, and comprehensive audio de-embedding options make it an excellent choice for home entertainment, gaming, and more.

Featuring HDCP 2.3 compliance, the BG-8K-HS41A ensures compatibility with the latest copy protection standards for secure playback. It supports high bandwidth of 48Gbps FRL and 18Gbps TMDS, accommodating resolutions up to 8K@60Hz 4:2:0 12-bit, 8K@30Hz 4:4:4 12-bit, and 4K@120Hz 4:4:4 12-bit, adhering to HDMI 2.1 specifications. The switcher also includes HDMI 2.1 protocol support, featuring Variable Refresh Rate (VRR), Auto Low Latency Mode (ALLM), Quick Media Switching (QMS), Quick Frame Transport (QFT), and Source-Based Tone Mapping (SBTM).



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Features

 **HDCP 2.3 COMPLIANT**
Ensures compatibility with the latest copy protection standards for secure playback

 **VIDEO ENHANCEMENTS**
Includes features such as Variable Refresh Rate (VRR), Auto Low Latency Mode (ALLM), Quick Media Switching (QMS), Quick Frame Transport (QFT), and Source-Based Tone Mapping (SBTM)

 **HDR AND AUDIO PASS-THROUGH**
Supports HDR, HDR10, HDR10+, Dolby Vision, and HLG pass-through, along with HDMI audio formats like LPCM 7.1CH, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio, and DTS

 **CEC CONTROL**
Facilitates control from the TV to the source device and allows volume control from the TV to any eARC sound system

 **ADVANCED EDID MANAGEMENT**
Offers sophisticated EDID management for optimal compatibility and signal quality

 **HIGH BANDWIDTH SUPPORT**
Handles 48Gbps FRL and 18Gbps TMDS video bandwidth, supporting resolutions up to 8K@60Hz 4:2:0 12-bit, 8K@30Hz 4:4:4 12-bit, and 4K@120Hz 4:4:4 12-bit, in line with HDMI 2.1 specifications



BG-8K-HCS41

4X1 8K UHD HDMI/USB-C 2.1 SWITCHER
(8K60/4K120HZ 4:4:4 VRR/ALLM/QMS/QFT/SBTM SUPPORT)

The BG-8K-HCS41 is an ultra-thin 4x1 switcher designed for high-performance AV applications. It features three HDMI 2.1 inputs, one USB-C input, and one HDMI output, supporting resolutions up to 8K@60Hz 4:2:0 12-bit (HDMI) and 8K@30Hz 4:2:2 10-bit (USB-C). This switcher is fully compliant with DP 1.4 and HDCP 2.3, and supports advanced video technologies including HDR10, HDR10+, Dolby Vision, and HLG pass-through. With support for HDMI 2.1 features such as VRR, ALLM, QMS, QFT, and SBTM, along with multichannel audio pass-through for Dolby Atmos, DTS:X, and LPCM 7.1CH, it delivers an immersive audio-visual experience.

The BG-8K-HCS41 offers easy control via front-panel buttons, IR remote, and supports both manual and auto-switching between active inputs. Built-in EDID management can be configured using a 3-pin DIP switch on the front panel, with EDID status displayed on the connected monitor.



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Features



UHD USB-C QUALITY

Supports resolutions up to 8K@30Hz (4:2:2, 10-bit) and 4K@120Hz (4:2:2, 10-bit) via USB-C



8K UHD HDMI QUALITY

Supports resolutions up to 8K@60Hz (4:2:0, 12-bit), 8K@30Hz (4:4:4, 12-bit), and 4K@120Hz (4:4:4, 12-bit)



INPUT SWITCHING OPTIONS

Supports automatic and manual input switching, controllable via front panel buttons and IR remote



CEC CONTROL FUNCTIONALITY

Enables CEC pass-through control from the display (output) to the source device (input)



AUDIO PASS-THROUGH

Supports LPCM 7.1CH, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio, and DTS:X audio formats



HDR PASS-THROUGH

Passes through HDR formats, including HDR, HDR10, HDR10+, Dolby Vision, and HLG



Video Switchers

Matrix Switchers

BZBGEAR HDMI MATRIX SWITCHERS

A BZBGEAR 4K matrix switcher is a centralized device designed to route video and audio signals from multiple HDMI sources to various displays, making it ideal for commercial applications such as sports bars, retail spaces, and church tech, as well as residential environments.

Our core matrix switchers provide support for high-resolution video up to 4K@60Hz, audio formats, and multiple control options, including a web interface, IP-based control, RS-232 commands, or third-party drivers for seamless integration into existing systems. These devices include a variety of connection ports, including HDMI inputs and outputs, analog and/or digital audio in/out, and LAN for network-based control.

Additionally, BZBGEAR matrix switchers feature EDID configuration, allowing advanced setup for video and audio compatibility to ensure optimal communication between the switcher and connected displays. The BZBGEAR 4K matrix switcher offers a professional, intuitive, and versatile solution for managing HDMI sources and displays in both commercial and home environments.



4K UHD
SUPPORT



MULTIPLE CONTROL
OPTIONS



SUPPORTS VARIOUS
AUDIO FORMATS

BG-UHD-42M

4X2 4K UHD HDMI MATRIX SWITCHER WITH AUDIO/ DOWNSCALING SUPPORT

The BG-UHD-42M is a 4K HDMI matrix switch with four HDMI inputs and two HDMI outputs. This unit can be used to route any of the four HDMI inputs to either of the two HDMI outputs. This matrix is a great choice for anyone looking to share up to four 4K sources between two TVs. Applications include conference rooms, sports bars, restaurants, and auditoriums.

The BG-UHD-42M supports a maximum resolution of 4K@60Hz 4:4:4. With 18 Gbps of uncompressed bandwidth, HDMI signals are routed with no loss of quality. All HDMI ports on this device are HDMI 2.0a and HDCP 2.2 compliant. Both HDMI outputs support downscaling from 4K to 1080p, ensuring compatibility with legacy displays.

Dolby Vision, HDR 10+, HLG, and CEC are supported. With optical and analog outputs, the BG-UHD-42M provides audio de-embedding from each HDMI input. Audio Return Channel (ARC) is supported.

The advanced EDID management of the BG-UHD-42M increases reliability and makes it easy to overcome HDMI connectivity issues. The matrix can be controlled using the front panel buttons or with the included IR remote control.



[Check out this item
on our website](#)

Features

4K **STUNNING IMAGE QUALITY**
Supports resolutions up to
4K@60Hz 4:4:4

HDCP 2.2 & HDCP 1.4
High-Bandwidth Digital Content
Protection Supported

EDID
Advanced EDID management for
rapid integration of sources and
displays

EASY TO USE
Flexible control via front panel
buttons and IR remote

4X2 MATRIX
Route any of the 4 inputs to either
of the 2 outputs

AUTO-SCALING
Supports resolution downscaling
from 4K to 1080P



BG-MVS4X4-CV

4X4 4K UHD HDMI SEAMLESS MATRIX SWITCHER AND VIDEO WALL PROCESSOR WITH SCALER/IR/AUDIO/RS-232

The BG-MVS4X4-CV is a versatile 4x4 seamless HDMI matrix switcher that doubles as a powerful video wall processor, offering flexible video routing and advanced display configurations. In matrix switcher mode, any of the four HDMI inputs can be routed to any of the four HDMI outputs with zero switching delay or image loss. In video wall mode, the unit can split a single HDMI source across 2 to 4 screens, supporting configurations such as 2x2, 4x1, or 1x4 to create an engaging large-format display.

Engineered for high-performance AV applications, the BG-MVS4X4-CV supports input resolutions up to 4K@30Hz and features seamless switching technology for smooth transitions. HDMI output resolutions can be upscaled or downscaled to 720p, 1080p, 1920x1200, or 4K@30Hz, ensuring compatibility with a wide range of display devices. Audio support includes LPCM, Dolby Digital, Dolby Digital Plus, and DTS formats.

Control is simple and flexible via front panel buttons, IR remote, or RS-232 commands. With HDCP 1.4 compliance, 10.2Gbps video bandwidth, and a compact design for easy installation, this multifunctional switcher is ideal for video conferencing, digital signage, live events, classrooms, and control rooms.



[Check out this item
on our website](#)

Features



FLEXIBLE OUTPUT SCALING

Output resolutions can be upscaled or downscaled to 1080p, 720p, 1920x1200, or 4K@30Hz



4X4 MATRIX MODE

Seamless switching of any input to any output



VIDEO WALL MODE

Supports configurations such as 2x2, 4x1, 1x4, and more



SEAMLESS SWITCHING

Instant transitions with no delay or image loss



AUDIO FORMAT SUPPORT

Compatible with LPCM, Dolby Digital (DD), Dolby Digital Plus (DD+), and DTS



VERSATILE CONTROL OPTIONS

Manage via front panel buttons, IR remote, or RS-232 commands



BG-MVS4X4-4KL

4X4 4K UHD HDMI VIDEO WALL PROCESSOR AND SEAMLESS MATRIX SWITCHER

The BG-MVS4X4-4KL 4K60 4:4:4 HDMI matrix is a versatile high-speed matrix switcher and video wall processor with multiple applications. This system can be configured for two different output modes, serving as a 4x4 seamless matrix switcher or as a 2x2, 4x1, or 1x4 video wall solution, among other possibilities.

Additionally, it is equipped with a web browser interface module for convenient control and configuration when used either as a standalone device or in conjunction with a third-party control system. Control options include front-panel push buttons, an IR remote control, RS-232 interface, and TCP/IP connectivity.



[Check out this item on our website](#)

Features



COMPLIANT

HDMI 2.0b, HDCP 2.2 and HDCP 1.4



2 OPERATIONAL MODES

4x4 Matrix (seamless switch), Video wall (2x2, 4x1 or 1x4 etc configuration)



AUDIO FORMATS

Support LPCM, DD, DD+, DTS, Dolby TrueHD, DTS HD-master pass-through



ADVANCED EDID MANAGEMENT

Seamless communication between sources and displays



WEB INTERFACE MODULE

For control and configuration of Matrix



CONTROL OPTIONS

Control via front panel, IR, RS-232, and TCP/IP



BZ-MVS4X4-4K

4X4 4K UHD HDMI VIDEO WALL PROCESSOR & SEAMLESS MATRIX SWITCHER WITH SCALER, IR AND AUDIO

The BZBGEAR BZ-MVS4X4-4K is a matrix video wall controller that seamlessly switches signals from any of the four HDMI sources to any of the four connected HDMI displays. The four outputs can be configured to create a variety of video wall displays such as a 2x2, 1x4, 1x2, 2x1, and 4x1 video wall. Ideal for integrators, professional broadcasters, restaurant owners, and home theater enthusiasts seeking to create high-end video walls, or control multiple video sources and displays with one device.

The four HDMI ports support video bandwidths of 18Gbps and resolutions up to 4K@60Hz (4:4:4). The HDMI ports are HDMI 2.0 and HDCP 2.2 compliant. Each HDMI input features stereo audio embedding via the phoenix connectors on the back panel. The device is equipped with four stereo audio outputs and four TOSLINK S/PDIF ports for analog and digital audio de-embedding.

Complete with front panel buttons for quick and handy operation, the BZ-MVS4X4-4K's flexible features make it an exceptional choice for designing outstanding video walls with flexible display control and connectivity.



[Check out this item on our website](#)

Features



VIDEO WALL PROCESSOR

Spread a Source Across Multiple Displays



VIDEO MATRIX

View Any Source on Any Display



CRYSTAL CLEAR IMAGES

Supports resolutions up to 4K@60Hz 4:4:4



MULTIPLE CONTROL OPTIONS

Front Panel, TCP/IP, RS-232, IR remote, PC Software



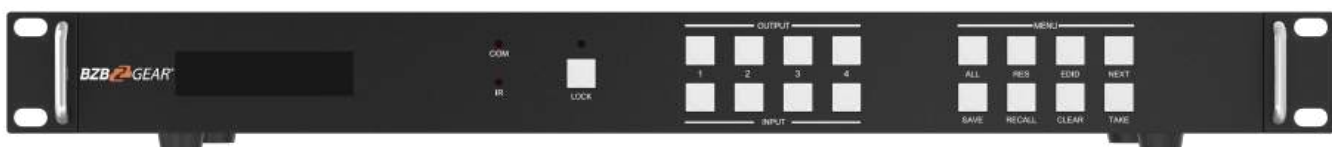
HDCP 2.2

High-Bandwidth Digital Content Protection Supported



AUDIO

Embedding and De-Embedding Supported



Video Switchers

KVM Switches

BZBGEAR KVM SWITCHES

A BZBGEAR KVM switch (Keyboard, Video, Mouse switch) is a hardware device that enables users to control multiple computers using a single set of peripherals, such as a keyboard, mouse, and monitor. This tool is particularly useful in environments where space and efficiency are important, as it allows a user to multitask on several computers from one workstation.

These switches also support high resolutions, including Full HD and up to 4K UHD, ensuring clear and fast video output. Additionally, the ability to perform USB hot-plugging makes it easy to add or remove devices without turning off the system. Many BZBGEAR KVM switches are also HDMI 2.0a and HDCP 2.2 compliant, making them compatible with high-definition video sources. Overall, KVM switches provide a practical solution for managing multiple computers in professional and home office settings, improving productivity and maximizing workspace efficiency.



4K UHD
SUPPORT



AUDIO SUPPORT



COMPATIBLE
WITH VARIOUS OS

BG-UHD-KVM21A

2X1 4K UHD KVM SWITCHER WITH USB 2.0 PORTS FOR PERIPHERALS AND AUDIO SUPPORT

The BG-UHD-KVM21A is a 4K HDMI USB 2.0 KVM switch. With support for resolutions up to 4K@30Hz, this device allows users to control two computers and share USB peripherals from a single workstation. Perfect for offices, software programmers, and technical support desks, users can easily switch between multiple operating systems without leaving their seat.

The rear panel of the BG-UHD-KVM21A is equipped with two PC connections, each including one USB 2.0 type-B host port and one HDMI 1.4 input. There is also one HDMI 1.4 output for connection to a monitor. On the front panel, there are three USB 2.0 ports for a keyboard, mouse, and a spare port for additional devices. The BG-UHD-KVM21A also provides 3.5mm audio connections for a microphone and headphones/speakers.

The BG-UHD-KVM21A is simple to operate using the front panel buttons. The source select button toggles between the two connected computers, switching the HDMI and peripheral connections. It can also be operated using hotkeys. There is also an audio toggle which enables/disables the audio in/out connections.



[Check out this item
on our website](#)

Features



4K

Supports resolutions up to 4K@30Hz



KVM

Remotely control 2 computers from a single screen



HDCP

High-Bandwidth Digital Content Protection Supported



USB 2.0

Conveniently share 3 x USB 2.0 peripherals between two computers



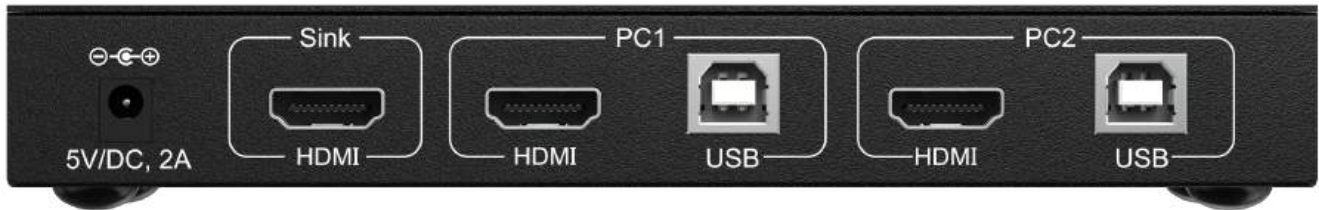
STEREO 3.5MM INPUT/OUTPUT

Share headphones and microphone between two computers



COMPATIBLE

Works with Mac OS, Windows, and Linux



BG-UHD-KVM41A

4X1 4K UHD KVM SWITCHER WITH USB 2.0 PORTS FOR PERIPHERALS AND AUDIO SUPPORT

The BG-UHD-KVM41A is a 4K HDMI USB 2.0 KVM switch. With support for resolutions up to 4K@30Hz, this device allows users to control four computers and share USB peripherals from a single workstation. Perfect for offices, software programmers, and technical support desks, users can easily switch between multiple operating systems without leaving their seat.

The rear panel of the BG-UHD-KVM41A is equipped with four PC connections, each including one USB 2.0 type-B host port and one HDMI 1.4 input. There is also one HDMI 1.4 output for connection to a monitor. On the front panel, there are three USB 2.0 ports for a keyboard, mouse, and a spare port for additional devices. The BG-UHD-KVM41A also provides 3.5mm audio connections for a microphone and headphones/speakers.

The BG-UHD-KVM41A is simple to operate using the front panel buttons. The source select button toggles between the four connected computers, switching the HDMI and peripheral connections. It can also be operated using hotkeys. There is also an audio toggle which enables/disables the audio in/out connections.



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Features



4K

Supports resolutions up to 4K@30Hz



KVM

Remotely control 4 computers from a single screen



4X HDMI INPUTS 1X HDMI OUTPUT

All HDMI ports support HDMI 2.0, HDCP 2.2, HDR 10, and Dolby Vision



USB 2.0

Conveniently share 3 x USB 2.0 peripherals



STEREO 3.5MM INPUT/OUTPUT

Share headphones and microphone between two computers



COMPATIBLE

Works with Mac OS, Windows, and Linux



BG-MKVM41R

4X1 1080P FHD HDMI MULTIVIEWER WITH KVM USB 2.0 PORTS AND SUPPORT FOR UP TO 4 COMPUTERS/LAPTOPS

This seamless-switching quad KVM multiviewer is a great choice for anyone looking for an easy way to control four separate devices on one screen with one set of peripherals. With one mouse and one keyboard, a user can control up to four PCs in quad-view simply by hovering the mouse over the desktop of the computer they'd like to control on the screen to instantaneously activate control over that machine.

The BG-MKVM41R can help create a productivity enhanced workstation and also enables several PCs to share a printer, camera, or other peripherals via two USB 2.0 ports.

With four HDMI/USB 2.0 PC HOST ports and one HDMI output, connecting four devices and displaying them on one screen in quad-view is simple. They can also be shown in full screen and switched between via different control methods. The BG-MKVM41R can support HDMI output resolutions up to 1080p@60Hz.



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Features



MULTIVIEWER

View up to 4 computers or devices on one screen simultaneously



SEAMLESS KVM CONTROL

Control connected devices in quad-view by merely hovering your mouse over the desired screen



HDCP 1.2

High-Bandwidth Digital Content Protection Supported



FULL HD

Supports 1080@60Hz for crystal clear images



USB 2.0

Supports up to 4 USB peripherals to share between connected device



COMPATIBLE

Compatible with Mac OS and Windows



Video Switchers

Production Switchers

BZBGEAR PRODUCTION SWITCHERS: ELEVATE YOUR LIVE BROADCASTS

A BZBGEAR production switcher is an essential tool for live video production, enabling seamless management of multiple camera feeds, scenes, and media sources during broadcasts. This functionality is critical in live streaming, where smooth transitions, precise scene changes, and dynamic audio control are key to delivering a professional experience.

BZBGEAR production switchers typically offer two primary connection types: HDMI and SDI. HDMI switchers are cost-effective and ideal for consumer-grade setups, making them well-suited for smaller productions or budget-conscious streamers. In contrast, SDI switchers are designed for professional environments, providing superior signal quality, enhanced reliability, and are commonly used in large-scale events and TV studios.

Integrating a production switcher into your streaming setup enhances production quality by enabling smoother camera transitions, incorporating custom graphics and logos, and elevating the overall broadcast experience. Most BZBGEAR production switchers feature intuitive physical controls, including backlit buttons for easy, real-time adjustments, offering a more user-friendly solution than software-based alternatives. Additionally, these switchers come with built-in USB capture devices, allowing for direct streaming to social media platforms, further simplifying the live broadcasting process.



**FHD VIDEO
SUPPORT**



**AUDIO MIXING
CAPABILITIES**



**VIRTUAL CONTROL
OPTIONS**

BG-HDVS42U

4-CHANNEL 1080P FHD HDMI LIVE STREAMING SWITCHER MIXER WITH HDMI/USB-C OUTPUT

Compact and versatile, the BG-HDVS42U HDMI production switcher provides users with a powerful set of features designed to deliver professional-quality results. With full audio mixing capabilities, multiple transition options, graphic overlays, PC software utility, and USB-C program output, the BG-HDVS42U provides high-performance and tremendous value.

The BG-HDVS42U's four HDMI inputs support resolutions up to 1080p@60Hz. Video outputs include one HDMI program output, one HDMI multiview output, and one USB type-C output. Audio can be de-embedded from all four HDMI sources and mixed with the two 3.5mm analog inputs. Each audio channel can be delayed to ensure proper sync with the video signal. The mixed audio is embedded to the HDMI and USB-C program outputs. The DB-15 Tally connection provides support for compatible systems.

The BG-HDVS42U includes a full-featured PC control utility, offering enhanced access to all functions including switching, mixing, luma and chroma key, PIP, and POP. DSK and Logo overlays can also be controlled.



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Features



HDMI

4 inputs, 1 PGM out, 1 multiview out



AUDIO INPUTS

USB-C output for recording or streaming via PC



MEDIA LIBRARY

Import graphics for custom logos and overlays



INTEGRATED CAPTURE

USB-C output for recording or streaming via PC



AUDIO MIXER

Mix HDMI embedded audio, analog inputs, supports audio delay function



T-BAR/AUTO/CUT

T-bar/Auto/Cut transitions; various effects: WIPE (9x2 patterns)/MIX/DIP



BG-MFVS61-G2

6-CHANNEL 1080P FHD SDI/HDMI LIVE STREAMING MULTI-FORMAT VIDEO SWITCHER MIXER WITH PIP/USB 3.0 CAPTURE CARD

The BG-MFVS61-G2 is a 3G-SDI/HDMI video switcher with four 3G-SDI inputs, two HDMI inputs, four 3G-SDI outputs, two HDMI outputs, and one USB-C output. Durable and easy to use, this switcher is ideally suited for both mobile and fixed production environments.

The BG-MFVS61-G2 supports resolutions up to 1080p@60Hz. The integrated scaler provides compatibility with a large number of display resolutions. Featuring two multiview outputs (3G-SDI & HDMI) three program outputs (2 x 3G-SDI, HDMI), and one assignable 3G-SDI output this unit fits seamlessly in almost any production environment. The USB-C output allows a connected PC to be used to record or livestream the program output. The tally port (DB-15) provides support for compatible systems.

Audio can be de-embedded from all inputs and mixed with the 3.5mm and RCA analog inputs. Mixed audio can be output from the 3.5mm and RCA analog outputs, or embedded to the program output.



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Features



INTEGRATED AUDIO MIXER
3.5mm, RCA, HDMI Audio



PICTURE IN PICTURE MODE
Adjustable size and position



COMPACT
Lightweight and portable



MULTIPLE TRANSITION OPTIONS
T-Bar, Auto, and Cut controls for Mix, Wipe, and Fade effects



MULTIVIEW OUTPUTS
1x SDI, 1x HDMI



CRYSTAL CLEAR IMAGES
Supports resolutions up to 1080p@60Hz



Video Wall Processors

BZBGEAR VIDEO WALL PROCESSORS

A BZBGEAR video wall processor is used to configure a large, visually captivating display created by combining multiple screens—such as monitors, TVs, or specialized panels—into a single, unified presentation.

Commonly found in settings like control rooms, conference halls, retail spaces, and entertainment venues, video walls deliver high-resolution content for an immersive viewing experience. These screens are designed to minimize bezels, resulting in a seamless display with exceptional clarity and detail, customizable to various layouts and sizes.



**4K UHD
SUPPORT**



**CUSTOMIZABLE
CONFIGURATIONS**



**AUDIO INTEGRATION
SUPPORT**

BG-UHD-VW2X2

2X2 4K UHD HDMI VIDEO WALL CONTROLLER WITH AUDIO DE-EMBEDDING

Video walls shouldn't be difficult to create. That's why the BG-UHD-VW2X2 video wall processor requires almost no configuration. All users need to do is plug in their devices, select the layout, and adjust for bezel correction with three simple button presses. If needed, 180° output rotation is an option available for inverted displays to help with bezel obstructions.

These features combine to make this video wall processor a great industry-compliant device with no-fuss setup. With its ease of use, this video wall processor is a great and affordable choice for any application that would benefit from an eye-catching video wall display.

Simplicity is one of the BG-UHD-VW2X2's greatest strengths. This video processor supports high resolution 4K@60Hz 4:4:4 input resolutions. The four HDMI outputs have a maximum resolution of 1080p@60Hz. This video processor is compliant with both HDCP 2.2 and HDMI 2.0. The device also supports loop out up to 4K@60Hz 4:4:4 for additional local display connectivity. For audio extraction, RCA and TOSLINK audio outputs are available.



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Features



HIGH INPUT RESOLUTION

Input Up To 4K@60Hz 4:4:4



VIDEO WALL PROCESSOR

Spread a Source Across Multiple Displays



HDMI LOOP-OUT

Additional Local Display Connectivity



AUDIO DE-EMBEDDING

1 x RCA, 1 x TOSLINK



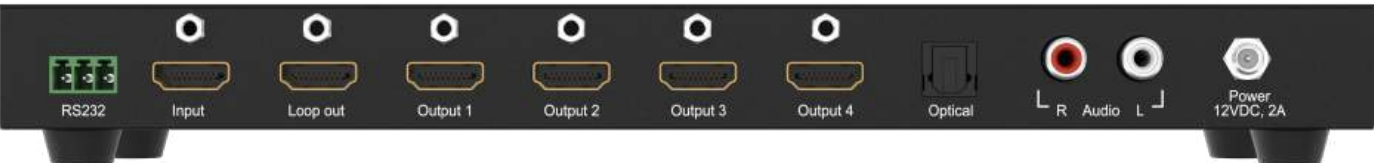
ALTERNATE LAYOUTS

Choose From a Variety Of Video Wall Configurations



MULTIPLE CONTROL OPTIONS

Front panel, IR Remote, RS232



BG-UHD-VW2X2A

2X2 4K UHD HDMI/USB-C VIDEO WALL CONTROLLER WITH AUDIO DE-EMBEDDING/IR/RS-232

The BG-UHD-VW2X2A 18Gbps Video Wall Controller is engineered to deliver exceptional performance for all your video wall needs. Designed to capture, convert, route, and distribute signals seamlessly, this controller ensures true digital signal transmission across multiple displays. It features both HDMI and USB-C inputs supporting resolutions up to 4K@60Hz 4:4:4 and provides four HDMI outputs.

This versatile controller supports multiple video wall configurations and includes advanced features like optical and L/R analog audio de-embedding. Operate it easily via front panel buttons, an IR remote, or RS-232 commands.



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Features



HIGH-RESOLUTION SUPPORT

HDMI and USB-C inputs support resolutions up to 4K@60Hz 4:4:4 for crystal-clear visuals



AUDIO DE-EMBEDDING

Extracts audio through optical and L/R analog outputs for flexible audio routing



VIDEO WALL CONFIGURATIONS

Supports 8 video wall modes including 1x1, 2x1, 3x1, 4x1, 1x2, 1x3, 1x4 and 2x2 for various display setups



EASY CONTROL OPTIONS

Operate via front panel buttons, IR remote, and RS-232 commands for convenience



PLUG&PLAY

Simple setup with no additional drivers or installation settings required



HDMI 2.0, HDCP 2.2, & DP 1.2A COMPLIANT

Ensures compatibility with the latest high-definition and digital content protection standards



BG-MVS4X4-CV

4X4 4K UHD HDMI SEAMLESS MATRIX SWITCHER AND VIDEO WALL PROCESSOR WITH SCALER/IR/AUDIO/RS-232

The BG-MVS4X4-CV is a versatile 4x4 seamless HDMI matrix switcher that doubles as a powerful video wall processor, offering flexible video routing and advanced display configurations. In matrix switcher mode, any of the four HDMI inputs can be routed to any of the four HDMI outputs with zero switching delay or image loss. In video wall mode, the unit can split a single HDMI source across 2 to 4 screens, supporting configurations such as 2x2, 4x1, or 1x4 to create an engaging large-format display.

Engineered for high-performance AV applications, the BG-MVS4X4-CV supports input resolutions up to 4K@30Hz and features seamless switching technology for smooth transitions. HDMI output resolutions can be upscaled or downscaled to 720p, 1080p, 1920x1200, or 4K@30Hz, ensuring compatibility with a wide range of display devices. Audio support includes LPCM, Dolby Digital, Dolby Digital Plus, and DTS formats.

Control is simple and flexible via front panel buttons, IR remote, or RS-232 commands. With HDCP 1.4 compliance, 10.2Gbps video bandwidth, and a compact design for easy installation, this multifunctional switcher is ideal for video conferencing, digital signage, live events, classrooms, and control rooms.



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on our website](#)

Features



FLEXIBLE OUTPUT SCALING

Output resolutions can be upscaled or downscaled to 1080p, 720p, 1920x1200, or 4K@30Hz



4X4 MATRIX MODE

Seamless switching of any input to any output



VIDEO WALL MODE

Supports configurations such as 2x2, 4x1, 1x4, and more



SEAMLESS SWITCHING

Instant transitions with no delay or image loss



AUDIO FORMAT SUPPORT

Compatible with LPCM, Dolby Digital (DD), Dolby Digital Plus (DD+), and DTS



VERSATILE CONTROL OPTIONS

Manage via front panel buttons, IR remote, or RS-232 commands



BG-MVS4X4-4KL

4X4 4K UHD HDMI VIDEO WALL PROCESSOR AND SEAMLESS MATRIX SWITCHER

The BG-MVS4X4-4KL 4K60 4:4:4 HDMI matrix is a versatile high-speed matrix switcher and video wall processor with multiple applications. This system can be configured for two different output modes, serving as a 4x4 seamless matrix switcher or as a 2x2, 4x1, or 1x4 video wall solution, among other possibilities.

Additionally, it is equipped with a web browser interface module for convenient control and configuration when used either as a standalone device or in conjunction with a third-party control system. Control options include front-panel push buttons, an IR remote control, RS-232 interface, and TCP/IP connectivity.



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Features



COMPLIANT

HDMI 2.0b, HDCP 2.2 and HDCP 1.4



2 OPERATIONAL MODES

4x4 Matrix (seamless switch), Video wall (2x2, 4x1 or 1x4 etc configuration)



AUDIO FORMATS

Support LPCM, DD, DD+, DTS, Dolby TrueHD, DTS HD-master pass-through



ADVANCED EDID MANAGEMENT

Seamless communication between sources and displays



WEB INTERFACE MODULE

For control and configuration of Matrix



CONTROL OPTIONS

Control via front panel, IR, RS-232, and TCP/IP



BZ-MVS4X4-4K

4X4 4K UHD HDMI VIDEO WALL PROCESSOR & SEAMLESS MATRIX SWITCHER WITH SCALER, IR AND AUDIO

The BZBGEAR BZ-MVS4X4-4K is a matrix video wall controller that seamlessly switches signals from any of the four HDMI sources to any of the four connected HDMI displays. The four outputs can be configured to create a variety of video wall displays such as a 2x2, 1x4, 1x2, 2x1, and 4x1 video wall. Ideal for integrators, professional broadcasters, restaurant owners, and home theater enthusiasts seeking to create high-end video walls, or control multiple video sources and displays with one device.

The four HDMI ports support video bandwidths of 18Gbps and resolutions up to 4K@60Hz (4:4:4). The HDMI ports are HDMI 2.0 and HDCP 2.2 compliant. Each HDMI input features stereo audio embedding via the phoenix connectors on the back panel. The device is equipped with four stereo audio outputs and four TOSLINK S/PDIF ports for analog and digital audio de-embedding.

Complete with front panel buttons for quick and handy operation, the BZ-MVS4X4-4K's flexible features make it an exceptional choice for designing outstanding video walls with flexible display control and connectivity.



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Features



VIDEO WALL PROCESSOR

Spread a Source Across Multiple Displays



VIDEO MATRIX

View Any Source on Any Display



CRYSTAL CLEAR IMAGES

Supports resolutions up to 4K@60Hz 4:4:4



MULTIPLE CONTROL OPTIONS

Front Panel, TCP/IP, RS-232, IR remote, PC Software



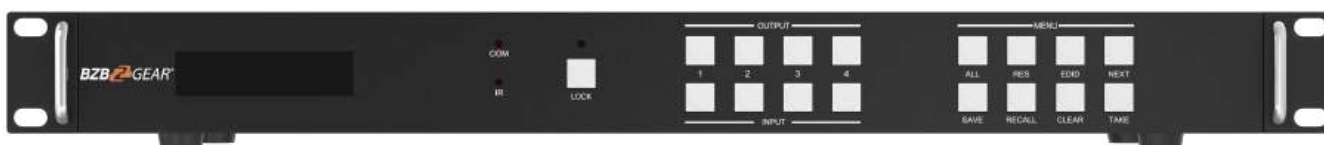
HDCP 2.2

High-Bandwidth Digital Content Protection Supported



AUDIO

Embedding and De-Embedding Supported



BZBGear has built an extensive network of Authorized Partners dedicated to helping you select, integrate, and support our industry-leading products. To ensure you receive professional service and genuine, factory-certified products, BZBGear collaborates with a carefully chosen group of Authorized Resellers and Distributors.

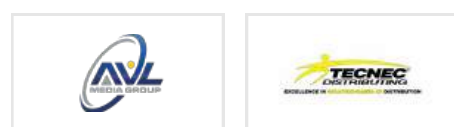
Our products are frequently used in advanced AV systems that often require detailed configuration, professional installation, and expertise in control system integration. We highly recommend contacting one of our Authorized Partners for your purchase and considering an experienced AV integration company for installation and setup to ensure optimal performance.

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bzbgear.com

1.888.499.9906

sales@bzbgear.com

support@bzbgear.com

info@bzbgear.com



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