Essential
Solutions

BZBGEAR®
Essential

Catalog
2026

Solutions to Amplify
Your World

bzbgear.com

BZBGEAR®
Amplify Your World™

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

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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

PRO AV BEST IN MARKET AWARDS 2025

BEST OF SHOW AWARDS AT IBC 2025

BEST OF SHOW AWARDS AT IBC 2025

CE PRO BEST PRODUCT AWARD 2025

BEST OF SHOW AWARDS AT CEDIA 2025

BEST OF SHOW AWARDS AT CEDIA 2025

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

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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.

Check out this item
on our website

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.

Check out this item
on our website

Features

HDMI 2.1 AND HDCP 2.3 COMPLIANT
Ensures compatibility with the latest HDMI standards and secure content protection

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.

Check out this item
on our website

Features

HDMI 2.1 AND HDCP 2.3 COMPLIANT
Guarantees support for the latest HDMI standards and secure content transmission

8K 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

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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.

Check out this item on our website

Features

HDR
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

BZBGEAR Essential

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

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BG-OMNITALK

USB/BLUETOOTH 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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on our website

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

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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.

4K HD TO 4K SUPPORT	NDI|HX 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.

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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
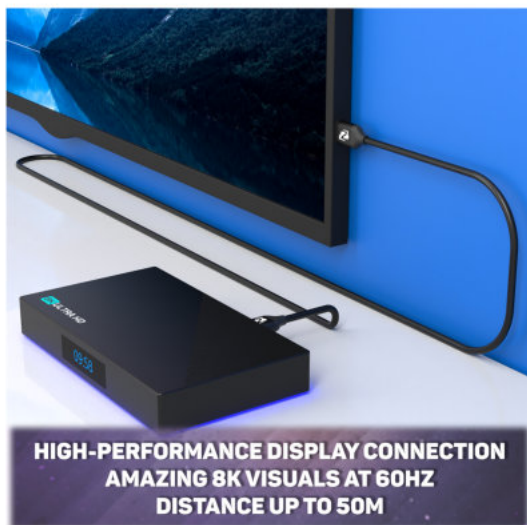
HIGH-PERFORMANCE DISPLAY CONNECTION
AMAZING 8K VISUALS AT 60HZ
DISTANCE UP TO 50M
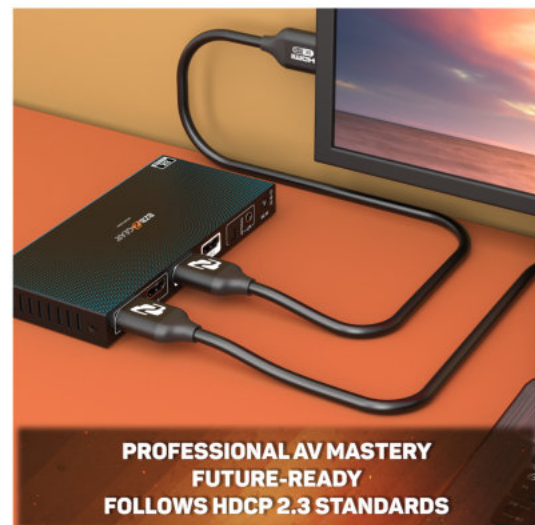
PROFESSIONAL AV MASTERY
FUTURE-READY
FOLLOWS HDCP 2.3 STANDARDS

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

4K **RESOLUTIONS UP TO 4K60**

MULTIPLE CONNECTION OPTIONS

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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.

Check out this item on our website

ZOOM

3x   10x

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.

Check out this item on our website

ZOOM

(10x) (20x) (30x)

Features

FHD
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.

NDI|HX

Check out this item on our website

ZOOM

10x   20x   30x

Features

FHD

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|HX

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

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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

(12x) (20x) (30x)

Features

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

CONTROL
IP, IR, and cascadable RS232/485 (VICSA/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

20

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

(12x) (20x) (30x)

Features

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

CONTROL
IP, IR, and cascadable 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|HX 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 cascadable 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

BZBGEAR Essential

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.

4K 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

BZBGEAR®
Essential

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

FHD 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

FHD 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

MEDIA & ENTERTAINMENT
BEST IN MARKET 2022
WINNER
SPONSORED BY tvtech

2022 BEST OF SHOW
InfoComm
TECH & LEARNING
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.

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SRT ALLIANCE
SECURE RELIABLE TRANSPORT

Check out this item on our website

Features

FHD 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

MEDIA & ENTERTAINMENT BEST IN MARKET 2022
WINNER
SPONSORED BY tvtech

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TECH & LEARNING 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.

4K 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

BZBGEAR®
Essential

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.

TAA COMPLIANT

Check out this item
on our website

Features

FHD

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

BZBGEAR®
Essential

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

4K 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

BZBGEAR VIDEO CONVERTERS

A BZBGEAR converter is a highly versatile device that seamlessly transforms signals from one format to another, ensuring flawless compatibility between different video, audio, or data systems. These essential tools bridge the gap between legacy and modern equipment, making them indispensable for professional AV setups, broadcasting environments, and home theater systems. Designed with user convenience in mind, converters offer plug-and-play functionality for effortless operation. Simply connect the input and output cables, power the device, and enjoy seamless signal conversion—no technical expertise or complex configurations are required.

BZBGEAR provides a range of converters that cater to various needs, including resolution options from HD to impressive 4K, while complying with industry standards. This ensures broad compatibility and exceptional reliability across various systems, delivering high-quality results for any application.

HIGH-QUALITY CONVERSION

PLUG AND PLAY

HD TO 4K SUPPORT

BZBGEAR®
Essential

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

FHD

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

FHD

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/DP1.1 compliant device supports output resolutions up 4K2K@30 4:4:4 with video bandwidth speeds up 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.

SVC BEST OF SHOW INFOCOMM WINNERS 2023

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
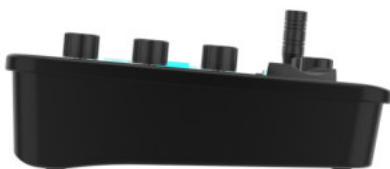7-level PTZ speed control with visual indicator

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

FLEXIBLE COMPATIBILITY
Wide compatibility allows for control of most PTZ cameras

BG-COMMANDER-ULTRAX

ALL-IN-ONE 4K IP PRODUCTION SWITCHER AND PTZ JOYSTICK CONTROLLER (4-CHANNEL/ TOUCHSCREEN/ POE/IP/RS-232)

The BG-Commander-UltraX is a professional portable 4-channel HDMI production switcher and joystick controller designed for multi-camera productions. Supporting up to 4K signal input with 1080p@60Hz output, it integrates advanced features such as picture-in-picture, chroma key, logo overlay, and multiple transition effects. With dual HDMI outputs, USB-C virtual camera capability, direct recording to USB/SD, PTZ camera control, and tally light support, this device delivers a complete live production solution for live streaming, online courses, corporate press conferences, events, or church services.

With four HDMI inputs supporting 4K@30Hz and flexible output options (HDMI, USB-C, and direct recording), the UltraX ensures uncompromised video quality. The Type-C virtual camera output makes it plug-and-play with popular live streaming and conferencing platforms, removing the need for external capture cards.

Check out this item
on our website

Features

4-IN-2-OUT SWITCHING
Four 4K HDMI inputs with two HDMI outputs for program and monitoring

TYPE-C VIRTUAL CAMERA
Direct USB-C output for seamless use with live streaming and video conferencing software

PROFESSIONAL EFFECTS
Built-in chroma key, picture-in-picture, logo overlay, and multiple transitions

DUAL RECORDING SUPPORT
Record directly to USB drives or SD cards without a PC

PTZ & TALLY INTEGRATION
Control PTZ cameras and synchronize live/on-air status

7-INCH LCD DISPLAY
High-resolution screen for monitoring, menu navigation, and settings control

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

BZBGEAR Essential

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

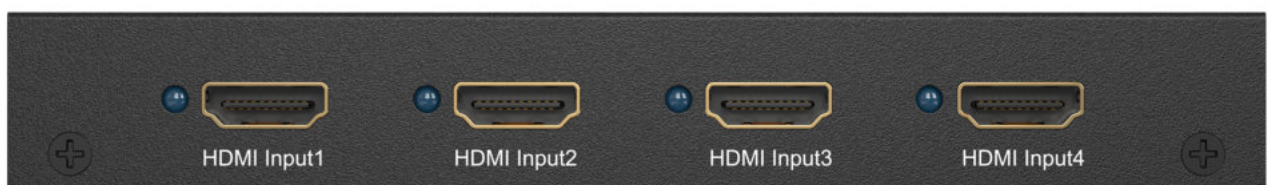**MULTIFUNCTIONAL**
Use as a seamless switcher or multiviewer

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

12V/DC, 2A   BZB GEAR®   HDMI Output   RS232   Audio   Mode   IR

HDMI Input1   HDMI Input2   HDMI Input3   HDMI Input4

BZBGEAR®
Essential

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 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)

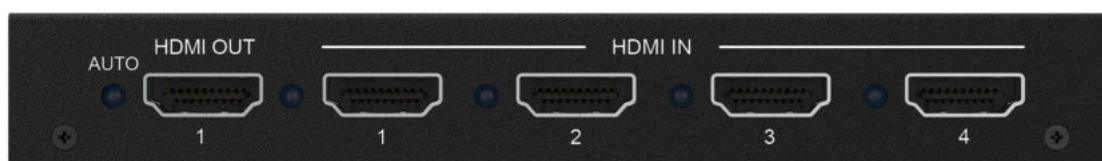**AUDIO DE-EMBEDDING**
Outputs audio via analog stereo connection

INDEPENDENT AUDIO ROUTING
Select audio sources separately from video

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

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.

| 4K | 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

4K 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.

| 4K | **HD TO 4K**
SUPPORT | | **FLEXIBLE AUDIO**
SUPPORT | | **SIGNAL EXTENSION**
OVER 200 FT |

BZBGEAR®
Essential

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

4K
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
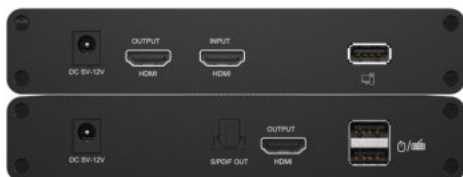
PLUG AND PLAY
No drivers needed

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

BG-AIR4KAST-MKX

4K60 UHD WIRELESS HDMI EXTENDER KIT WITH MULTI-RECEIVER SUPPORT (UP TO 4 RECEIVERS)

The BG-Air4Kast-MKX is a 4K@60Hz UHD wireless HDMI KVM extender designed to deliver ultra-stable, low-latency video and audio transmission up to 164ft (50m). With support for keyboard, mouse, and touchscreen control, it enables seamless remote operation of PCs and laptops, making it the perfect solution for conference rooms, classrooms, digital signage, and home entertainment. Equipped with channel-switchable technology, HDMI loop-out on the transmitter, and multiple receiver support, the BG-Air4Kast-MKX ensures maximum flexibility for both professional and personal applications.

The BG-Air4Kast-MKX combines ultra-HD video quality with advanced wireless control capabilities. Supporting resolutions up to 4K@60Hz, it ensures crystal-clear visuals with virtually no lag, ideal for gaming, streaming, and live presentations.

With HDMI loop-out, users can monitor content locally at the transmitter side while wirelessly extending the same signal to one or multiple receivers. The integrated KVM functionality supports real-time keyboard, mouse, and touchscreen operations over long distances, creating a smooth and responsive remote control experience.

Check out this item on our website

Features

4K@60HZ WIRELESS TRANSMISSION
Stable HDMI 2.0 signal extension up to 164ft (50m)

KVM SUPPORT
Remote control with keyboard, mouse, and touchscreen functionality

HDMI LOOP-OUT
Local monitoring at the transmitter side without signal interruption

CHANNEL SWITCHABLE
Avoids interference and maintains a stable connection

PLUG-AND-PLAY
No drivers or software required, quick and simple installation

MULTI-RECEIVER SUPPORT
Connect one transmitter to multiple receivers for versatile applications

Award Winner

BEST of SHOW
CEDIA 2025
TWICE
WINNER

CEDIA 2025 BEST OF SHOW WINNER:
CATEGORY: TWICE

BZBGEAR Essential

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.

8K   **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

BZBGEAR® Essential

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

8K 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 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

BZBGEAR®
Essential

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

8K 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

BZBGEAR®
Essential

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

4K **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

BZBGEAR
Essential

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.

| 4K | RESOLUTIONS UP TO 4K@30HZ | | SIGNAL EXTENSION UP TO 200 FEET | | FULL AUDIO SUPPORT |

BZBGEAR®
Essential

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.

Check out this item
on our website

Features

4K 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

POWER

BZBGEAR®

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.

Check out this item
on our website

Features

4K 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.

8K   **FHD VIDEO SUPPORT**

LOCKING SDI CONNECTIONS

LOSSLESS VIDEO DISTRIBUTION

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Essential

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 relocking 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.

Check out this item
on our website

Features

FHD **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

BZBGEAR®
Essential

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 relocking 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.

Check out this item
on our website

Features

FHD **1080P@60 SUPPORT**
Crystal clear images with resolutions up to 1080p@60Hz

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

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

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PORTABLE
Ideal for any on-the-go kit

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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.

8K 4K AND 8K/4K120 SUPPORT	**PLUG-AND-PLAY**	**SUPPORTS VARIOUS AUDIO FORMATS**

BZBGEAR®
Essential

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.

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

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

BZBGEAR®
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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.

Check out this item
on our website

Features

HDCP 2.3 COMPLIANT
Ensures secure and uninterrupted signal transmission

8K 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).

Check out this item
on our website

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

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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.

Check out this item
on our website

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 **HDR PASS-THROUGH**
Passes through HDR formats, including HDR, HDR10, HDR10+, Dolby Vision, and HLG

BZBGEAR® Essential

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 4K UHD SUPPORT

MULTIPLE CONTROL OPTIONS

SUPPORTS VARIOUS AUDIO FORMATS

BZBGEAR®
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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 2×2, 4×1, or 1×4 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, 1920×1200, 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

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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

BZBGEAR®
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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 | 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
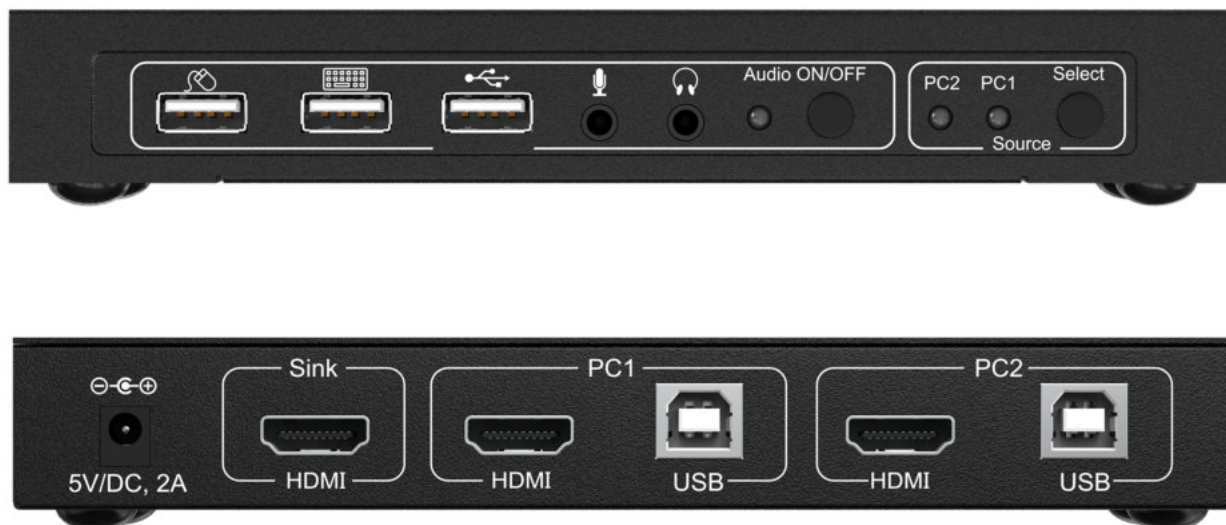Conveniently share 3 x USB 2.0 peripherals between two computers

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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on our website

Features

4K
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

BZBGEAR®
Essential

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

BZBGEAR® Essential

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.

Check out this item
on our website

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

BZBGEAR®
Essential

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.
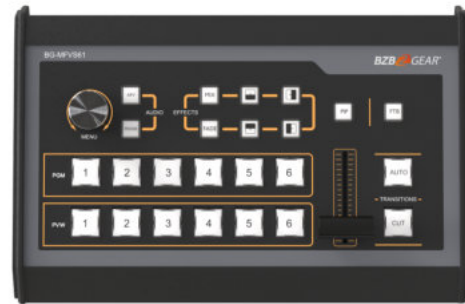
Check out this item
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Features

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

4K HIGH INPUT RESOLUTION
Input Up To 4K@60Hz 4:4:4

VIDEO WALL PROCESSOR
Spread a Source Across Multiple Displays

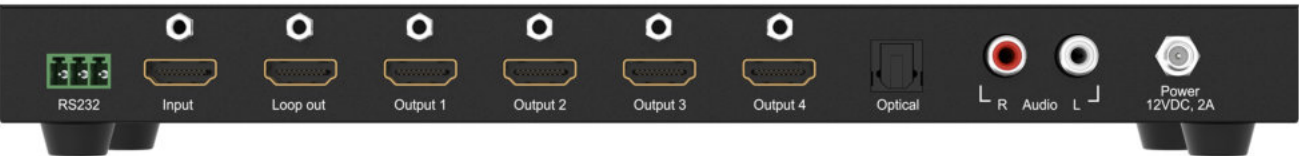**HDMI LOOP-OUT**
Additional Local Display Connectivity

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.

Check out this item
on our website

Features

4K 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 cideo 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 compatibillity 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 2×2, 4×1, or 1×4 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, 1920×1200, 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
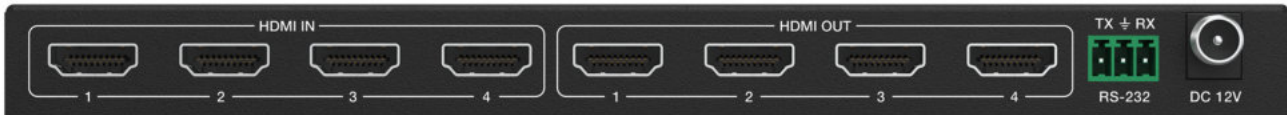Instant transitions with no delay or image loss

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
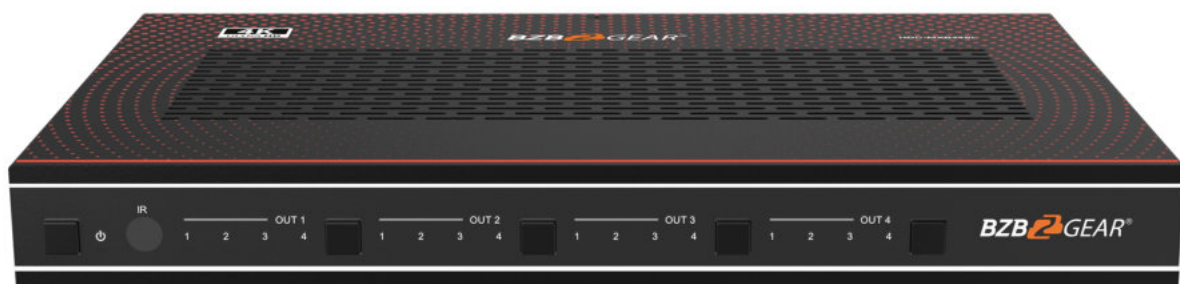Seamless communication between sources and displays

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.

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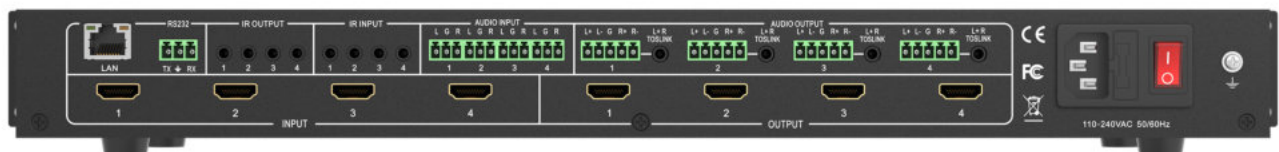Supports resolutions up to 4K@60Hz 4:4:4

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

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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