

Pro
Solutions

2024

Catalog

Solutions to Amplify
Your World™

ABOUT BZBGEAR

Established in 2019 and headquartered in Sacramento, California, BZBGEAR® is a worldwide one-stop source manufacturer for pro AV and broadcasting products. BZBGEAR's mission is to provide top-grade AV and broadcasting solutions while giving precedence to design, user experience, and lifetime product support. Every solution is carefully designed by BZBGEAR hardware and software engineers to ensure that the quality and features are unmatched. With award-winning products and industry-leading support, BZBGEAR is the number one choice for any AV and broadcast application.

WHAT BZBGEAR HAS TO OFFER

BZBGEAR provides end-to-end pro AV and broadcasting solutions including live streaming and video production products. We pride ourselves in our unparalleled customer service and seven-days-a-week tech support. Our team excels in customer care and is recognized for providing outstanding assistance.

BZBGEAR offers the highest degree of professional support while keeping our customers' demands and concerns our top priority. Striving to nurture a lasting relationship through integrity and trust, we put ourselves in our clients' shoes and conduct the sales process with honesty and fair treatment.

Peace of mind is included with all our gear. All BZBGEAR products are backed by our stress-free three-year warranty, with a two-year extended warranty available for our camera products upon registration. Everyone deserves to see, hear, and feel the advancements made in today's AV world at a reasonable price. Gear up with BZBGEAR!

LIFETIME PRODUCT SUPPORT

PRO AV	CAMERAS
3	5
YEAR WARRANTY	YEAR WARRANTY



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www.bzbgear.com

INDUSTRY LEADING WARRANTY AND SUPPORT

BZBGEAR Pro AV products and cameras come with a three-year warranty. An extended two-year warranty is available for our cameras upon registration for a total of 5 years.

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

Technical Support

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

Saturday-Sunday 10:00 am - 3:00 pm (by appointment only) PST

AWARDS

BZBGEAR has won a number of awards from industry leading organizations and publications

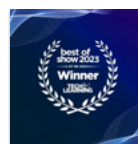
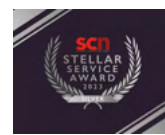


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8K Ultra HD

REVOLUTIONARY 8K EQUIPMENT

BZBGEAR offers a lineup of high-quality 8K compatible devices that are capable of efficiently transmitting resolutions up to 7680 x 4320 over HDMI 2.1 without the need for video compression. More specifically, we offer 8K compatible multiviewers, video switchers, matrix switchers, amplifiers, and specialty cables. For gaming and live-action entertainment professionals, our 8K equipment will also support resolutions up to 4K at 120Hz!

Why choose 8K over 4K or 1080p? An 8K resolution offers four times the resolution of 4K and 16 times more pixels than a 1080p full HD resolution. That means 8K users will experience sharper imagery that is more lifelike to the human eye. Additionally, with the increase in pixels, users will still get that high-quality resolution and smooth image processing experience on larger displays. If your goal is to entertain guests or audience members, you'll want to implement 8K equipment.

Overall, BZBGEAR 8K compatible equipment will transform you from a competitor into a trendsetter. All of our equipment is tested and certified, so quality is guaranteed. Contact a BZBGEAR representative today!



SOFTWARE CONTROLLABLE



8K RESOLUTION



SUPPORT FOR HIGH REFRESH RATES

BG-8K-22MA

2X2 8K UHD HDMI 2.1 MATRIX SWITCHER WITH AUDIO DE-EMBEDDER (8K60, 4K120 4:4:4 10BIT VRR, FVA, ALLM SUPPORT)

The 2x2 8K 60Hz HDMI matrix switcher is a high-performance device that allows you to switch between two HDMI input sources and send the output to two separate displays. It supports 8K resolution at 60Hz refresh rate for crystal clear picture quality. Additionally, it features audio de-embedding, allowing you to extract the audio from the HDMI signal and route it to an external audio system. The EDID management function ensures compatibility between the source and display devices by mimicking the EDID of the connected displays. This ensures optimal video and audio performance. This matrix switcher is a ideal for any professional A/V setup, home theater, and conference room.

In addition to 8K resolution at 60Hz, this 2x2 HDMI matrix switcher also supports 4K resolution at 120Hz, making it ideal for the gaming community who require the highest quality video and smooth frame rates for an immersive gaming experience. High refresh rates, such as 120Hz, can make a big difference for fast-paced games, making the image look smoother, and reducing motion blur.



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

Features



SECURE CONTENT
HDMI 2.1 and HDCP 2.3 compliant



8K AND 4K@120HZ
Video resolutions up to 8K@60Hz
4:2:0 10bit, 8K@30Hz 4:4:4 10bit,
4K@120Hz 4:4:4 10bit



AUDIO FORMATS
LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD



EDID MANAGEMENT
Seamless scaling for the best results



CONTROL OPTIONS
IR remote control and front panel button switching



COMPACT DESIGN
For easy and flexible installation



BG-8K-42MA

4X2 8K UHD HDMI 2.1 MATRIX SWITCHER WITH AUDIO DE-EMBEDDER (8K60, 4K120 4:4:4 10BIT VRR, FVA, ALLM SUPPORT)

The BG-8K-42MA 8K HDMI matrix switch is the perfect solution for users who need to share up to four HDMI sources with up to two displays. With its user-friendly interface and advanced features, this matrix switch allows you to effortlessly switch between multiple sources, or display a single source on two displays with just the press of a button.

This high-performance switch is designed for both professional and recreational use all while delivering exceptional picture and audio quality thanks to its support for 8K resolutions and a range of high-quality audio formats. Whether you're working on a demanding post-production project, need a reliable tool for sharing content in a business setting, or an easier way to manage several gaming consoles, the BG-8K-42MA has you covered.



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

Features

8K SUPPORTS 8K AND 4K120
Video resolution up to 8K@60Hz
4:2:0 10bit, 8K@30Hz 4:4:4 10bit,
4K@120Hz 4:4:4 10bit

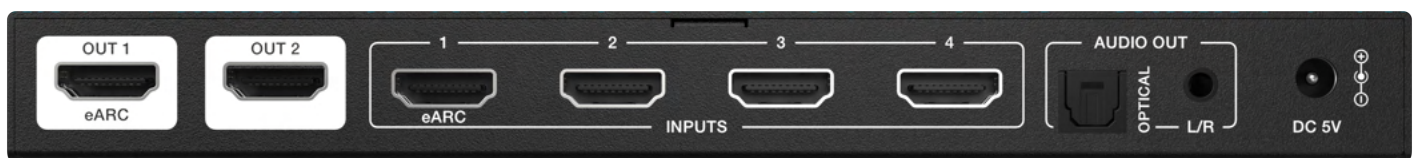
EASY CONTROL OPTIONS
IR remote control and front panel
button switching

HDMI AUDIO FORMATS
LPCM, Dolby Digital/Plus/EX, Dolby
True HD, Dolby Atmos, DTS, DTS-EX,
DTS-96/24, DTS High Res, DTS-HD
Master Audio, DSD

AUTOMATIC DOWNSCALING
8K->4K, 8K/4K->2K downscaling

HIGH QUALITY AND SECURE CONTENT
HDMI 2.1 and HDCP 2.3 compliant

COMPACT DESIGN
For easy and flexible installations



BG-8K-44MA

4X4 8K UHD HDMI 2.1 MATRIX SWITCHER WITH AUDIO DE-EMBEDDER (8K60, 4K120 4:4:4 10BIT VRR, FVA, ALLM SUPPORT)

With four HDMI 2.1a inputs and four HDMI 2.1a outputs, the BG-8K-44MA 8K HDMI matrix switch allows users to share up to four HDMI sources with up to four displays. Perfect for when you need to change multiple sources to show on various displays or even select just one source to show on all displays with the press of a button. Professional-grade picture and audio quality are achieved with support for 8K resolutions and various high-quality audio formats.

Play Games at 4K@120Hz! For gamers, the ability to display high-resolution graphics at high frame rates is crucial for a smooth and immersive gaming experience. With support for 4K resolution at 120Hz, the BG-8K-44MA can help ensure that your games are displayed with the highest level of detail and fluidity. This is particularly important for fast-paced games where a high frame rate can make a significant difference in your ability to react to in-game events.



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

Features



4X4 ROUTING

Features 4 x HDMI inputs which can be independently routed to 4xHDMI outputs



HDCP COMPLIANT

HDMI 2.1a (48Gbps) HDCP 2.3 (and all earlier versions supported)



8K AND 4K@120HZ

Up to 8K@60Hz 4:2:0, 8K@30Hz 4:4:4 and 4K@120Hz 4:4:4 8K to 4K or 8K/4K to 1080p



AUTO SCALING

Down Scaling on all outputs



CONTROL OPTIONS

Control via front panel, IR, RS-232, and TCP/IP (Web GUI)



EDID MANAGEMENT

Seamless scaling for the best results



BG-8K-88MA

8X8 8K UHD HDMI 2.1 MATRIX SWITCHER WITH AUDIO DE-EMBEDDER (8K60, 4K120 4:4:4 10BIT VRR, FVA, ALLM SUPPORT)

With eight HDMI 2.1a inputs and eight HDMI 2.1a outputs, the BG-8K-88MA 8K HDMI matrix switch allows users to share up to eight HDMI sources with up to eight displays. Perfect for when you need to change multiple sources to show on various displays or even select just one source to show on all displays with the press of a button. Professional-grade picture and audio quality are achieved with support for 8K resolutions and various high-quality audio formats.

For gamers, the ability to display high-resolution graphics at high frame rates is crucial for a smooth and immersive gaming experience. With support for 4K resolution at 120Hz, the BG-8K-88MA can help ensure that your games are displayed with the highest level of detail and fluidity. This is particularly important for fast-paced games where a high frame rate can make a significant difference in your ability to react to in-game events.



TOP NEW TECHNOLOGY 2023 -
CEPRO & COMMERCIAL
INTEGRATOR



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on our website

Features



4X4 ROUTING

Features 4 x HDMI inputs which can be independently routed to 4xHDMI outputs



HDCP COMPLIANT

HDMI 2.1a (48Gbps) HDCP 2.3 (and all earlier versions supported)



8K AND 4K@120HZ

Up to 8K@60Hz 4:2:0, 8K@30Hz 4:4:4 and 4K@120Hz 4:4:4 8K to 4K or 8K/4K to1080p



AUTO SCALING

Down Scaling on all outputs



CONTROL OPTIONS

Control via front panel, IR, RS-232, and TCP/IP (Web GUI)



EDID MANAGEMENT

Seamless scaling for the best results



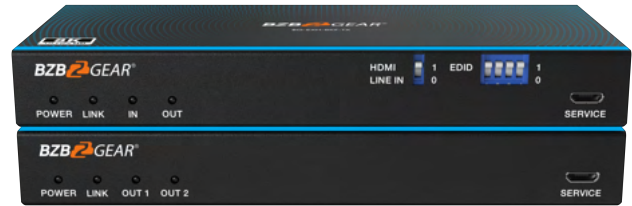
BG-EXH-8KF

8K UHD HDMI OVER FIBER EXTENDER WITH IR AND RS-232

Introducing the BG-EXH-8KF, a cutting-edge HDMI over Fiber extender that redefines your audiovisual experience. This advanced extender is HDMI 2.1 and HDCP 2.3 compliant, ensuring seamless connectivity and support for the latest technologies.

The BG-EXH-8KF HDMI over Fiber extender is a cutting-edge solution that caters to gamers, home theater enthusiasts, and professional integrators alike. With support for advanced gaming features like VRR, ALLM, QMS, QFT, and SBTM, gamers can enjoy a seamless and immersive experience. Home theater enthusiasts benefit from unparalleled video quality, including 8K@60 4:2:0 12bit and 4K@120Hz 4:4:4 12bit video transmission, along with comprehensive HDR support for vivid visuals.

Professional integrators appreciate its flexibility with compatibility across multimode fiber grades, auto-downscaling features, and versatile audio format support. Designed for hassle-free installation, the extender allows HDMI signal extension up to 300 meters, ensuring uncompromised quality and reliability.



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

Features



COMPLIANT
HDMI 2.1, HDCP 2.3 compliant



8K & 4K@120HZ
Supports 8K@60 4:2:0 12bit,
4K@120Hz 4:4:4 12bit



MULTIPLE AUDIO FORMATS
Supports HDMI audio formats including Dolby Atmos, Dolby TrueHD, Dolby



HDMI 2.1 EXCLUSIVE FEATURES
VRR, ALLM, QMS, QFT, and SBTM are supported



CONTROL OPTIONS
Bi-directional IR & RS-232 pass-through, EDID management



LONG DISTANCE
Extend your 8K or 4K@120Hz signal up to 300M



BG-EXH-8KC6

8K UHD HDMI/HDBASET 3.0 EXTENDER WITH IR/EARC/ARC/POC/RS-232/ETHERNET/USB AND AUDIO EMBEDDING/DE-EMBEDDING

The BG-EXH-8KC6 is an 8K HDMI and USB over HDBaseT Extender designed to extend the range of uncompressed HD/UHD video and audio signals, including eARC/ARC, RS-232, bi-directional IR, 1GbE Ethernet, and USB 2.0 signals, up to 295ft (90m) using a single CAT6A/7 cable.

This extender supports video resolutions up to 8K@30Hz 4:4:4 10bit, 4K@120Hz 4:4:4 10bit, and 4K@60Hz 4:4:4. Additionally, it incorporates eARC/ARC functionality, allowing the transmission of audio signals from the receiver's HDMI output pass-through to the transmitter's HDMI input or audio de-embedding to the transmitter's output port.

The device also facilitates USB 2.0 signal transmission with configurable Host/Device settings per device and bi-directional Power over Cable (POC) functionality. For home or commercial applications requiring long-distance signal transmission, the BG-EXH-8KC6 stands out as the ideal 8K signal solution.



Check out this item on our website

Features

COMPLIANT
HDMI 2.1, HDCP 2.3, and HDBaseT 3.0 compliant

8K **8K@30HZ AND 4K@120HZ**
Video resolution is up to 8K@30Hz 4:4:4 10bit, 4K@120Hz 4:4:4 10bit

8K EXCLUSIVE FEATURES
Variable Refresh Rate (VRR), Fast as Possible V-active (FVA), Auto Low Latency Mode (ALLM) support

HDR **SMOOTH IMAGE PROCESSING**
HDR, HDR10, HDR10+, Dolby Vision and HLG pass-through

HDMI AUDIO FORMATS
Dolby Atmos, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio

ADVANCED EDID
Management through EDID DIP switches



Cameras

ULTIMATE CAMERAS

BZBGEAR is the ultimate destination for: 4K PTZ cameras, auto-tracking cameras, NDI cameras, SDI IP cameras, HDMI IP cameras, USB PTZ cameras, Specialty cameras, Box cameras, webcams, and conference cameras. No matter what you are looking for, our expert sales staff can help you find the right solution for your needs. Our wide selection of cameras are always in stock and ready to ship from our facility in Sacramento, CA.

All BZBGEAR cameras are loaded with essential features and are easy to install right out of the box.



**SOFTWARE
CONTROLLABLE**



RESOLUTIONS UP TO 4K60



AUTO-TRACKING

BG-ADAMO-JR

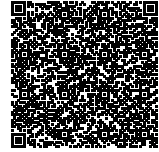
1080P FHD AUTO TRACKING HDMI/3G-SDI/USB 2.0/USB 3.0
LIVE STREAMING PTZ CAMERA WITH TALLY LIGHTS

The BG-ADAMO-JR is a brand-new Full HD PTZ camera with 3 types of lenses available: 12X optical zoom with 70.3 FOV, 20X optical zoom with 60.04 FOV, and 30X optical zoom with 58.1 FOV. It features smooth PTZ functions, advanced image processing features and flexible connection options.

Advanced Visual Performance: With the high quality 1/2.8-inch SONY CMOS image sensor, the resolution of this camera can get up to 1080@60fps. Additionally, the low noise 1/2.8-inch SONY CMOS guarantees high SNR and the advanced 3D noise reduction technology further reduces the noise while ensuring pristine image clarity. The advanced ISP processing technology and algorithms also allow the camera to deliver true-to-life image quality for the most natural and accurate viewing experiences.

The BG-ADAMO-JR supports HDMI, SDI, USB 2.0, USB 3.0 and LAN connections. It also supports IP streaming, offering flexible workflow options for users.

The BG-ADAMO-JR offers a smooth and impressively clear viewing experience. It uses advanced video and audio compression techniques to ensure the best quality content. Additionally, advanced auto focus technology allows the camera to autofocus stably, swiftly, and precisely.



Check out this item on our website



Features



1080P
Output up to 1080p@60Hz resolution



TALLY LIGHTS
Integrated red/green LED tally lights



MICROSD
Record and store up to 1TB



ZOOM
Available with 12x/20x/30x optical zoom lens



MULTIPLE VIDEO OUTPUTS
Choose from SDI, HDMI, USB 3.0, USB 2.0, or IP Streaming



POWER OVER ETHERNET
Data, power, and control over a single category cable

Available in



BLACK



WHITE

Award-winner



12x ZOOM



20x ZOOM



30x ZOOM

BG-ADAMO-JRND

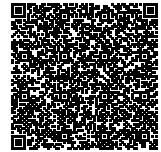
1080P FHD AUTO TRACKING HDMI/3G-SDI/USB 2.0/USB 3.0/NDI|HX LIVE STREAMING PTZ CAMERA WITH TALLY LIGHTS

The BG-ADAMO-JRND is a brand-new Full HD NDI|HX3 certified PTZ camera with 3 types of lenses available: 12X optical zoom with 70.3 FOV, 20X optical zoom with 60.04 FOV, and 30X optical zoom with 58.1 FOV. It features smooth PTZ functions, advanced image processing features and flexible connection options.

Advanced Visual Performance: With the high quality 1/2.8-inch SONY CMOS image sensor, the resolution of this camera can get up to 1080@60fps. Additionally, the low noise 1/2.8-inch SONY CMOS guarantees high SNR and the advanced 3D noise reduction technology further reduces the noise while ensuring pristine image clarity. The advanced ISP processing technology and algorithms also allow the camera to deliver true-to-life image quality for the most natural and accurate viewing experiences.

The BG-ADAMO-JRND supports HDMI, SDI, USB 2.0, USB 3.0 and LAN connections. It also supports IP streaming, offering flexible workflow options for users. The BG-ADAMO-JRND offers a smooth and impressively clear viewing experience. It uses advanced video and audio compression techniques to ensure the best quality content. Additionally, advanced auto focus technology allows the camera to autofocus stably, swiftly, and precisely.

NDI|HX



Check out this item on our website



Features



1080P
Output up to 1080p@60Hz resolution



TALLY LIGHTS
Integrated red/green LED tally lights



MICROSD
Record and store up to 1TB



NDI|HX3
Compatible with NDI® 5.5 from NewTek



MULTIPLE VIDEO OUTPUTS
Choose from SDI, HDMI, USB 3.0, USB 2.0, or IP Streaming



POWER OVER ETHERNET
Data, power, and control over a single category cable

Available in



BLACK



WHITE

Award-winner



12x ZOOM



20x ZOOM



30x ZOOM

BG-ADAMO-JRDA

1080P FHD AUTO TRACKING HDMI 2.0/12G-SDI/USB 2.0/USB 3.0 DANTE AV-H LIVE STREAMING PTZ CAMERA WITH TALLY LIGHTS

The BG-ADAMO-JRDA is a brand-new Full HD Dante AV-H certified PTZ camera with 3 types of lenses available: 12X optical zoom with 70.3 FOV, 20X optical zoom with 60.04 FOV, and 30X optical zoom with 58.1 FOV. It features smooth PTZ functions, advanced image processing features and flexible connection options.

Advanced Visual Performance: With the high quality 1/2.8-inch SONY CMOS image sensor, the resolution of this camera can get up to 1080@60fps. Additionally, the low noise 1/2.8-inch SONY CMOS guarantees high SNR and the advanced 3D noise reduction technology further reduces the noise while ensuring pristine image clarity. The advanced ISP processing technology and algorithms also allow the camera to deliver true-to-life image quality for the most natural and accurate viewing experiences.

The BG-ADAMO-JRDA offers three different optical zoom lenses that users can choose from: 12X optical zoom with 70.3 viewing angle, 20X optical zoom with 60.04 viewing angle and 30X optical zoom with 58.1 viewing angle.

The BG-ADAMO-JRDA supports HDMI, SDI, USB 2.0, USB 3.0 and LAN connections. It also supports IP streaming, offering flexible workflow options for users.



Check out this item on our website



Features



1080P
Output up to 1080p@60Hz resolution



TALLY LIGHTS
Integrated red/green LED tally lights



MICROSD
Record and store up to 1TB



ZOOM
Available with 12x/20x/30x optical zoom lens



MULTIPLE VIDEO OUTPUTS
Choose from SDI, HDMI, USB 3.0, USB 2.0, or IP Streaming



POWER OVER ETHERNET
Data, power, and control over a single category cable

Available in



BLACK



WHITE

Award-winner



12x ZOOM



20x ZOOM



30x ZOOM

BG-ADAMO-4K

4K UHD AUTO TRACKING HDMI 2.0/12G-SDI/USB 2.0/USB 3.0
LIVE STREAMING PTZ CAMERA WITH TALLY LIGHTS

The BG-ADAMO-4K is loaded with features including a full interface of video connections and immaculate 4K@60Hz resolution. The 12G-SDI connection enables long distance cable runs without compromising image quality. Compose shots ahead of time utilizing up to 255 programable presets, with 10 conveniently accessible using the IR remote. Capable of storing 1 TB of video footage with the Micro SD Card writer, start recording on the fly when other connections are inaccessible.

The lens is designed with an advanced auto-focusing algorithm that promptly snaps into focus with dependable accuracy and stability. The 3D noise reduction technology combined with the low-noise CMOS sensor ensures impeccable image clarity. Choose between the 12x optical zoom lens with an 80.4° wide-angle or the 25x optical zoom lens with a 59° wide-angle.

Packed with an array of video connections including USB 2.0, USB 3.0, LAN, HDMI, and 12G-SDI, the BG-ADAMO-4K boasts unparalleled functionality with sophistication and style. The dual stream USB facilitates concurrent main-stream and sub-stream outputs. While the HDMI, SDI, and USB 2.0 connections are capable of transmitting 4K video and audio signals simultaneously.

SRT ALLIANCE
SECURE RELIABLE TRANSPORT



Check out this item
on our website



Features



HIGH RESOLUTION

Output up to 4K@60Hz over HDMI or 12G-SDI and 4K@30Hz over USB 2.0 cabling



TALLY LIGHTS

Integrated red/green LED tally lights



MICROSD

Record and store up to 1TB of 4K video



ZOOM

Available with 12x/25x optical zoom lens



MULTIPLE VIDEO OUTPUTS

Choose from SDI, HDMI, USB 3.0, USB 2.0, or IP Streaming



POWER OVER ETHERNET

Data, power, and control over a single category cable

Available in



BLACK



WHITE



12x ZOOM



25x ZOOM

Award-winner



BG-ADAMO-4KND

4K UHD AUTO TRACKING HDMI 2.0/12G-SDI/USB 2.0/USB 3.0/
NDI|HX LIVE STREAMING PTZ CAMERA WITH TALLY LIGHTS

The BG-ADAMO-4KND is loaded with features including the latest NDI|HX3 technology, a full interface of video connections, and immaculate 4K@60Hz resolution. Integrated with NDI|HX3 technology, distribute the stream to multiple devices on the network using nothing more than a simple Ethernet connection. The 12G-SDI connection enables long distance cable runs without compromising image quality. Compose shots ahead of time utilizing the up to 255 programable presets, with 10 conveniently accessible using the IR remote. Capable of storing 1 TB of video footage with the Micro SD Card writer, start recording on the fly when other connections are inaccessible.

The lens is designed with an advanced auto-focusing algorithm that promptly snaps into focus with dependable accuracy and stability. The 3D noise reduction technology combined with the low-noise CMOS sensor ensures impeccable image clarity. Choose between the 12x optical zoom lens with an 80.4° wide-angle or the 25x optical zoom lens with a 59° wide-angle. Packed with an array of video connections including NDI|HX3, USB 2.0, USB 3.0, LAN, HDMI, and 12G-SDI, the BG-ADAMO-4KND boasts unparalleled functionality with sophistication and style. The dual stream USB facilitates concurrent main-stream and sub-stream outputs. While the HDMI, SDI, and USB 2.0 connections are capable of transmitting 4K video and audio signals simultaneously. This camera supports SRT, enabling high-quality, low-latency video to be sent reliably over the internet.

NDI|HX



Check out this item on our website



Features



HIGH RESOLUTION

Output up to 4K@60Hz over HDMI or 12G-SDI and 4K@30Hz over USB 2.0 cabling



TALLY LIGHTS

Integrated red/green LED tally lights



MICROSD

Record and store up to 1 TB of 4K video



NDI|HX3

Compatible with NDI® 5.5 from NewTek



MULTIPLE VIDEO OUTPUTS

Choose from SDI, HDMI, USB 3.0, USB 2.0, or IP Streaming



POWER OVER ETHERNET

Data, power, and control over a single category cable

Available in



BLACK



WHITE



12x ZOOM



25x ZOOM

Award-winner

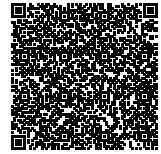


BG-ADAMO-4KDA

4K UHD AUTO TRACKING HDMI 2.0/12G-SDI/USB 2.0/USB 3.0 DANTE AV-H LIVE STREAMING PTZ CAMERA WITH TALLY LIGHTS

The BG-ADAMO-4KDA is loaded with features including the latest Dante AV-H technology by Audinate, a full interface of video connections, and immaculate 4K@60Hz resolution. The integration with Dante AV-H technology enables the BG-ADAMO-4KDA to distribute the stream to multiple devices on the network using nothing more than a simple Ethernet connection. The 12G-SDI connection enables long distance cable runs without compromising image quality. Compose shots ahead of time utilizing the up to 255 programmable presets, with 10 conveniently accessible using the IR remote. Capable of storing 1 TB of video footage with the Micro SD Card writer, start recording on the fly when other connections are inaccessible.

The lens is designed with an advanced auto-focusing algorithm that promptly snaps into focus with dependable accuracy and stability. The 3D noise reduction technology combined with the low-noise CMOS sensor ensures impeccable image clarity. Choose between the 12x optical zoom lens with an 80.4° wide-angle or the 25x optical zoom lens with a 59° wide-angle. Packed with an array of video connections including Dante AV-H, USB 2.0, USB 3.0, LAN, HDMI, and 12G-SDI, the BG-ADAMO-4KDA boasts unparalleled functionality with sophistication and style. The dual stream USB facilitates concurrent main-stream and substream outputs. While the HDMI, SDI, and USB 2.0 connections are capable of transmitting 4K video and audio signals simultaneously.



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



Features



HIGH RESOLUTION

Output up to 4K@60Hz over HDMI or 12G-SDI and 4K@30Hz over USB 2.0 cabling



TALLY LIGHTS

Integrated red/green LED tally lights



MICROSD

Record and store up to 1TB of 4K video



ZOOM

Available with 12x/25x optical zoom lens



MULTIPLE VIDEO OUTPUTS

Choose from SDI, HDMI, USB 3.0, USB 2.0, or IP Streaming



POWER OVER ETHERNET

Data, power, and control over a single category cable

Available in



BLACK



WHITE



12x ZOOM



25x ZOOM

Award-winner



BG-UPTZ

UNIVERSAL 1080P FHD PTZ HDMI/SDI/USB 3.0 RS232/485 LIVE STREAMING CAMERA



Check out this item on our website

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.



ZOOM



Features



ZOOM

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



CONTROL

IP, IR, and cascaded 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



BG-UPTZ-ND

UNIVERSAL 1080P FHD PTZ NDI/HDMI/SDI/USB 3.0 RS232/485 LIVE STREAMING CAMERA

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

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

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

NDI|HX



Check out this item on our website



ZOOM



Features



ZOOM

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



CONTROL

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



MULTIPLE VIDEO OUTPUTS

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



LATEST STREAMING TECH

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



SUPERB AUTO FOCUS

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



NDI

Compatible with NDI® 4.0 from NewTek

Available in



BLACK



WHITE

BG-MAESTRO

8MP SDI OR HDMI USB 3.0 IP POE WIDE ANGLE EDUCATIONAL AUTO TRACKING CAMERA

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

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

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



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

Features

FHD CRYSTAL CLEAR IMAGES
Broadcast in 1080p@30Hz

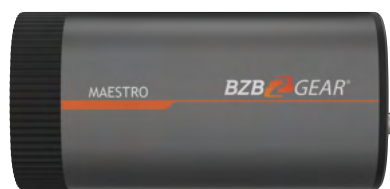
AUTO-TRACKING
Setup auto-tracking easily from the web interface

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



BG-MAESTRO-H 8MP SDI OR HDMI USB 3.0 IP POE WIDE ANGLE EDUCATIONAL AUTO TRACKING CAMERA

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

Features

FHD CRYSTAL CLEAR IMAGES
Broadcast in 1080p@30Hz

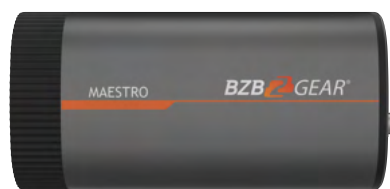
AUTO-TRACKING
Setup auto-tracking easily from the web interface

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



BG-B20SHA/BG-B30SHA 1080P FHD 20X/30X ZOOM HDMI/SDI/IP STREAMING BOX CAMERA WITH AUDIO INPUT

The BG-B20SHA/BG-B30SHA 20X/30X optical zoom IP-streaming camera utilizes a high-quality CMOS sensor to deliver crisp HD video signals. Its compact design provides versatile placement options and ease-of-use in a sleek low-profile housing. This camera is well-suited for a wide variety of broadcast and professional A/V applications including lecture streaming, education, room monitoring, studios, and more.

With a 1/2.8" Sony CMOS sensor, the BG-BSHA series provides crystal clear imaging at resolutions up to 1080p@60Hz. The 20X/30X optical zoom lens allows the camera to capture tight close-ups, even at a distance.

The BG-BSHA series features simultaneous 3G-SDI, HDMI, and IP streaming outputs. By utilizing the 3.5mm audio input, audio can be embedded into your livestreams and recordings with ease.



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

Features



CRYSTAL CLEAR OUTPUT
Full HD output delivers up to 1080p@60Hz video



MULTIPLE OUTPUTS
Outputs simultaneously from HDMI/3G-SDI/ IP



ZOOM
20X/30X Optical Zoom Lens



EXTERNAL AUDIO INPUT
Add a microphone or other audio source



POWER OVER ETHERNET
Power and connect to the camera using just one CAT cable



MULTIPLE CONTROL PROTOCOLS
Supports ONVIF, PELCO-D, PELCO-P, VISCA



BG-B20SHAN/BG-B30SHAN 1080P FHD 20X/30X ZOOM HDMI/SDI/IP/NDI|HX STREAMING BOX CAMERA WITH AUDIO INPUT

NDI|HX

The BG-B20SHAN/BG-B30SHAN 20X/30X optical zoom IP-streaming camera utilizes a high-quality CMOS sensor to deliver crisp HD video signals. Its compact design provides versatile placement options and ease-of-use in a sleek low-profile housing. This camera is well-suited for a wide variety of broadcast and professional A/V applications including lecture streaming, education, room monitoring, studios, and more.

With a 1/2.8" Sony CMOS sensor, the BG-BSHAN series provides crystal clear imaging at resolutions up to 1080p@60Hz. The 20X/30X optical zoom lens allows the camera to capture tight close-ups, even at a distance.

The BG-BSHAN series features simultaneous 3G-SDI, HDMI, and IP streaming outputs. By utilizing the 3.5mm audio input, audio can be embedded into your livestreams and recordings with ease.



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

Features

FHD **CRYSTAL CLEAR OUTPUT**
Full HD outputs delivers up to 1080p@60Hz video

NDI|HX **NDI**
Power, stream, and control all from 1 CAT 5e/6/7 cable

ZOOM
20X/30X Optical Zoom Lens

EXTERNAL AUDIO INPUT
Add a microphone or other audio source

VERSATILE
Set the perfect shooting angle in Lecture halls, studios, surveillance and more

MULTIPLE CONTROL PROTOCOLS
Supports ONVIF, PELCO-D, PELCO-P, VISCA



Medical Cameras

EXPLORING THE BENEFITS OF MEDICAL-GRADE CAMERAS

Medical-grade cameras offer distinct advantages tailored to both inpatient and outpatient monitoring and recording applications. Crucially, these specialized cameras must meet rigorous safety certifications for their hardware and electrical components, especially when patient interaction is involved.

Enter the BG-NUTRIX by BZBGEAR, an IEC-60601 certified medical-grade PTZ camera. This cutting-edge camera encompasses a comprehensive feature set, including night vision, 2-way audio, 4K UHD video quality, and remote management capabilities, making it the ideal choice for your facility's imaging needs.

BG-NUTRIX

MEDICAL GRADE INTELLIGENT 4K UHD 30X NDI|HX PTZ CAMERA WITH NIGHT VISION/SPEAKERS/MICROPHONE/ MOTION DETECTION (IEC 60601 CERTIFIED)

EC Medical Certification, Night Vision, and Stereo Speakers: These features make the BG-NUTRIX ideal for various medical applications. The IEC 60601 medical certification ensures that the camera meets safety standards for medical environments. The IEC 60601 certification is a mandatory requirement for medical devices to be sold in most countries worldwide. It is designed to ensure the safety and reliability of medical equipment, particularly concerning the electrical and electronic components that make up the device.

The night vision feature allows the camera to function in low-light conditions, which can be essential for remote patient monitoring and medical procedures. The stereo speakers and microphone provide clear audio, which is important for communication during remote consultations, telemedicine, and live medical procedures.



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

Features



2-WAY AUDIO

Communicate effectively without the need for additional audio equipment



NIGHT VISION

See clearly in low light conditions



CONNECTION OPTIONS

HDMI/USB 3.0/LAN



4K AT 60HZ

Output up to 4K@60Hz resolution



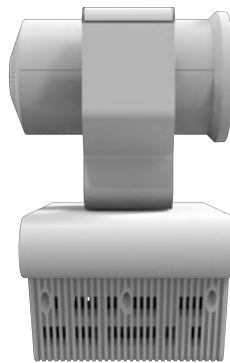
30X OPTICAL ZOOM

Zoom in and out 30X without interrupting image clarity



MEDICAL GRADE

IEC 60601 Medical Certified



Videobars

ALL-IN-ONE AUDIO/VIDEO SOLUTION

Videobars are a must have tool for every corporate and office setting. A videobar is an all-in-one audio/video solution that significantly improves videoconferencing. These devices integrate audio and video into a single unit, while providing the same level of functionality as single-purpose built equipment.

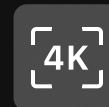
BZBGEAR videobars come with special features such as auto-framing, automatic privacy covers, multiple embedded microphones, and auto-tracking. You can also expect resolutions up to 4K and high quality audio output.



AUTO-FRAMING



EMBEDDED MICROPHONES



4K RESOLUTION

BG-CYCLOPS-4K

INTELLIGENT 4K UHD ALL-IN-ONE AUTO TRACKING VIDEO BAR WITH HDMI/USB-C AND 20W SPEAKERS/6-MEMS MICROPHONES

The BG-Cyclops-4K's all-in-one design consolidates several devices into one streamlined, user-oriented video conferencing solution.

With a powerful 4K UHD camera and high-end 0.8M CMOS sensor, the BG-Cyclops-4K captures pristine lifelike images. The advanced auto-tracking functionality is bolstered by facial recognition software. The distortion-less 120° wide angle lens automatically tailors the image size based on the number of participants in the frame, eliminating the need to manually adjust the camera before each meeting.

The BG-Cyclops-4K's built-in dual 10W studio speaker ensures every participant can hear and be heard clearly. The sophisticated 6 MEMS microphone array features voice localization and tracking that detects the presenter's position in real time and locks in for a focused shot, removing any confusion as to who is currently speaking. Complete with a privacy cover, the BG-Cyclops-4K automatically shields the lens when no output device or software is detected for and security and comfort.



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

Features

4K CRYSTAL CLEAR IMAGES
Stunning image quality at 4K2K

AUTOMATIC PRIVACY COVER
Camera lens cover automatically closes when there is no output stream detected

WIDE ANGLE LENS
120° wide angle lens ensures every participant is captured in frame

6 MICROPHONES
Multiple microphones enable the current speaker to be tracked in real time up to 6 meters

AUTO FRAMING
Face detection algorithm automatically detects participants to provide the optimal shot

COMPATIBLE
Works with Windows, Mac OS, and major conferencing software such as Zoom, Skype, etc.

Available in Black and White



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

UNIVERSAL ADVANCED SERIAL AND IP PTZ JOYSTICK CONTROLLER WITH POE (IP/RS232/422/485)

The BG-Commander PTZ joystick controller delivers precise control for both IP and serial PTZ cameras. With high-quality backlit buttons, the BG-Commander offers a pleasing user experience - even in low-light conditions. The solid metal chassis provides a durable, stable platform and is designed to stand up to years of heavy use, regardless of the setting. This controller is a great choice for live events, houses of worship, and broadcasting scenarios.

Capable of controlling over 250 cameras, the BG-Commander provides a clean and uncluttered platform with 7 camera hot keys for your favorite devices and the capability to select other cameras by pressing and holding zero (0) for an extended selection makes this unit ideally suited for small to medium-scale productions.

Control for either IP or serial based PTZ cameras is provided by a LAN port or RS232, RS422, and RS485 connections. The BG-Commander supports IP VISCA, ONVIF, VISCA, PELCO-D, and PELCO-P control protocols.



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

Features



IP-CONTROL
Easily control any compatible IP camera



POE ENABLED
Single cable installation



SIMPLE TO USE
Logical layout allows anyone to take control with minimal training



VARIABLE SPEED
Adjust PTZ speed to get the perfect shot every time



FOUR CONTROL MODES
IP VISCA, ONVIF, RS422, and RS232



INTEGRATED LCD SCREEN
Review settings at a glance



BG-COMMANDER-PRO

PROFESSIONAL SERIAL AND IP JOYSTICK CONTROLLER WITH TOUCHSCREEN

The BG-COMMANDER-PRO is a versatile PTZ camera joystick controller featuring a 7" touch screen, real-time video previews, and Android 11 OS. It supports simultaneous viewing of 4 RTSP streams or a single full-screen image. With H.265/H.264 decoding, it offers efficient video processing.

The BG-COMMANDER-PRO also facilitates HDMI projection and can output 4 additional RTSP streams to an external display for simplified monitoring. It provides seamless PTZ control for preset positions, focus, zoom, and exposure settings, and can even access a camera's web interface. Designed for BG-ADAMO cameras, the unit offers quick access to red/green tally lights control and auto tracking activation.



BEST OF SHOW - IBC 2023



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Features



IP-CONTROL
Easily control any compatible IP camera



POE ENABLED
Single cable installation



SIMPLE TO USE
Logical layout allows anyone to take control with minimal training



7" TOUCHSCREEN
The large touchscreen makes video viewing and management simple



MULTIPLE CONTROL MODES
RS232, RS422/485, ONVIF, IP VISCA, PELCO-P, PELCO-D, and NDI



HDMI PROJECTION
Transmit audio and video signals from the controller to a larger display device, such as a projector or a TV



AV over IP

REVOLUTIONARY AV OVER IP SYSTEMS

BZBGEAR Audio/video over IP systems enable users to effectively stream their audio and video with a network connection. The possibilities are endless – everything from creating a virtual A/V Matrix system, a Video Wall, or even KVM extension – all while utilizing your existing network infrastructure! There are a variety of AV over IP solutions available including: AV over IP for home application and AV over IP for commercial use.

BZBGEAR's AVoIP systems are designed to be fast to install, easy to configure, and simple to operate. BZBGEAR offers one of the best AV over IP control and management systems with the ultra smart yet simple browser interface and our iOS App.

Upgrading to an AV over IP system can provide massive savings in labor and materials. Rather than running all new cabling and dedicating valuable shelf or closet space for legacy video switchers, these systems allow you to add our simple software and equipment to your pre-existing set-up. Additionally, PoE support eliminates the need for power supplies, resulting in less connections and a faster, cleaner installation!



CONTROL MULTIPLE TRANSCEIVERS



WEB INTERFACE AND MOBILE APP



BI-DIRECTIONAL IR

BG-VOP-MT

4K UHD AV OVER IP MULTICAST TRANSCEIVER WITH VIDEO WALL, KVM & POE SUPPORT

The BG-VOP-MT Transceiver performs both encoding and decoding for BZBGEAR's IPGEAR-4K system. The device offers outstanding 4K UHD HDMI video transmission over IP and has support for PoE. This device is a keystone in providing digital signage, video walls, and video distribution in commercial settings.

With the ability to function as a transmitter or receiver at the flip of the switch, this device is one of the easiest video over IP solutions to implement on the market. The BG-VOP-CB controller can auto-discover each BG-VOP-MT on the network, making for a painless setup process.

Unlike most other video over IP solutions from competing manufacturers, the BG-VOP-MT is TAA compliant, making this device an attractive choice for government use. It also provides a scalable solution so that you can easily add additional BG-VOP-MT units to your network at any time. This enables operators to create fully customized HDMI matrix switching over IP.



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

Features



POE
Delivers power directly over an ethernet cable



4K ULTRA HD
Output supports resolutions up to 4K2K@30Hz



HDCP 2.2
High-Bandwidth Digital Content Protection Supported



BI-DIRECTIONAL IR
Control IR sources or display devices remotely with IR pass-through



VIDEO WALL
Spread a source across multiple displays



VIDEO MATRIX
View any source on any display



BG-VOP-CB

SMART CONTROLLER FOR VOP-MT AV OVER IP SERIES

The BG-VOP-CB Smart Controller provides system management for BZBGEAR's BG-VOP-MT transceivers. In addition to managing devices and serving as the gateway for the web interface, this TAA-Compliant unit allows users to monitor the IP-based BG-VOP-MT transceivers in real time. This device allows the system to be highly expandable and can manage up to 1024 transceivers at the same time.

With a web-based GUI users can drag and drop any source to any connected display, build video walls, and create custom on-screen displays (OSD).

The BG-VOP-CB is capable of continuous system monitoring and self-recovery. This includes real-time event notifications and alerts. A free iOS app is available for mobile control as well. With a simple and easy to use interface, this app allows easy control of basic system functions such as mapping and preset recall.

This unit uses a 5V DC power adapter, an HDMI connector, and an Ethernet port for system connectivity. The simple connections allow stress-free installation and servicing.



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

Features



GRAPHICS OVERLAY

Add your own custom graphics to overlay displayed images or create Menu Boards



WEB INTERFACE AND MOBILE APP

Use the Web Interface or Mobile app to easily control devices remotely



HDCP 2.2

High-Bandwidth Digital Content Protection Supported



CONTROL MULTIPLE TRANSCEIVERS

Control up to 1024 BG-VOP-MT transceivers over a wide area



VIDEO WALL

Spread a source across multiple displays



VIDEO MATRIX

View any source on any display



BG-IPGEAR-PRO-R

4K UHD AV OVER IP MULTICAST RECEIVER WITH VIDEO WALL, KVM & POE SUPPORT

The BG-IPGEAR-PRO-R is a high-performance Receiver/Decoder that is an essential component in the BZBGEAR IPGEAR-PRO AV over IP system. It provides decoding of 4K 60Hz UHD HDMI video transmission over IP networks, and also has support for Power over Ethernet (PoE). This system is ideal for digital signage, video walls, and video distribution in commercial installations.

The BG-IPGEAR-PRO-R offers various features and functionalities, such as audio embedding and de-embedding, HDCP 2.2 compliance, PoE, bi-directional IR extension, and RS-232 extension. It also has a USB 2.0 hub that enables KVM extension and remote management, allowing users to expand the range at which they can use peripherals to interact with host devices. Point-to-point, point-to-many, and multicasting broadcasting formats are supported, meaning one HDMI source can be broadcasted to as many displays as necessary. Moreover, it also has a feature for creating custom video walls, that can be controlled via a user-friendly web interface or a free iOS control app - BG-AVOIP-CONTROL.



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Features



POE
Delivers power directly over an ethernet cable



4K ULTRA HD
Output supports resolutions up to 4K2K@30Hz



HDCP 2.2
High-Bandwidth Digital Content Protection Supported



BI-DIRECTIONAL IR
Control IR sources or display devices remotely with IR pass-through



VIDEO WALL
Spread a source across multiple displays



VIDEO MATRIX
View any source on any display



BG-IPGEAR-PRO-T

4K UHD AV OVER IP MULTICAST TRANSMITTER WITH VIDEO WALL, KVM & POE SUPPORT

The BG-IPGEAR-PRO-T is a high-performance transmitter/encoder that is an essential component in the BZBGEAR IPGEAR-PRO AV over IP system. It provides outstanding 4K 60Hz UHD HDMI video transmission over IP networks, and also has support for Power over Ethernet (PoE). This system is ideal for digital signage, video walls, and video distribution in commercial installations.

The BG-IPGEAR-PRO-T offers various features and functionalities, such as audio embedding and de-embedding, HDCP 2.2 compliance, PoE, bi-directional IR extension, and RS-232 extension. It also has a USB 2.0 hub that enables KVM extension and remote management, allowing users to expand the range at which they can use peripherals to interact with host devices. Point-to-point, point-to-many, and multicasting broadcasting formats are supported, meaning one HDMI source can be broadcasted to as many displays as necessary. Moreover, it also has a feature for creating custom video walls, that can be controlled via a user-friendly web interface or a free iOS control app - BG-AVOIP-CONTROL.



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Features



POE
Delivers power directly over an ethernet cable



4K ULTRA HD
Output supports resolutions up to 4K2K@30Hz



HDCP 2.2
High-Bandwidth Digital Content Protection Supported



BI-DIRECTIONAL IR
Control IR sources or display devices remotely with IR pass-through



VIDEO WALL
Spread a source across multiple displays



VIDEO MATRIX
View any source on any display



BG-IPGEAR-PRO-C

SMART CONTROLLER FOR IPGEAR-PRO AV OVER IP SERIES

The BG-IPGEAR-PRO-C Smart Controller provides system management for BZBGEAR's IPGEAR-PRO transmitters and receivers. In addition to managing devices and serving as the gateway for the web interface, this TAA-Compliant unit allows users to monitor the IP-based BG-IPGEAR-PRO-T transmitters in real time. This device allows the system to be highly expandable and can manage up to 1024 devices at the same time.

With a web-based GUI users can drag and drop any source to any connected display, build video walls, and create custom on-screen displays (OSD).

The BG-IPGEAR-PRO-C is capable of continuous system monitoring and self-recovery. This includes real-time event notifications and alerts. A free iOS app is available for mobile control as well. With a simple and easy to use interface, this app allows easy control of basic system functions such as mapping and preset recall.

This unit uses a 5V DC power adapter, an HDMI connector, and an Ethernet port for system connectivity. The simple connections allow stress-free installation and servicing.



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Features



AUTO-DETECTION

Easily find transceiver units on the network



CONTROL OPTION

Includes web interface and Mobile App support



ADVANCED SETTINGS

Schedule time for audio/video mapping, cycle play, and mute/resume



SIMPLE SWITCHING

Drag and drop matrix switching



VIDEO WALLS

Create multiple video walls with ease



CUSTOMIZABLE GRAPHICS

Custom graphic and text overlays



Video Wall Processors

CUTTING EDGE VIDEO WALL PROCESSORS

BZBGEAR Video wall processors allow users to create high-quality large-scale video wall arrangements for a variety of applications. Large-format displays can be expensive and ineffective in the long run. Combining several smaller displays with a video wall processor can create an even larger display for less! Additionally, combining multiple smaller displays will allow the user to maintain image quality due to the greater pixel density per unit.

Managing and monitoring BZBGEAR video wall processors is made easy with our dedicated software which gives users instant access to important settings like display grouping, layouts, and bezel correction. This software is free to download and free to use. Furthermore, you can manage most BZBGEAR video wall processors using basic control methods including front panel controls, IR remote control, RS-232, or IP control.

Implement a BZBGEAR video wall processor today and start creating attention-grabbing displays! Contact a BZBGEAR representative to get started.



SCALABILITY



SOFTWARE CONTROLLABLE



ULTRA-HD

BG-UHD-VWP-1X4

4-PORT 4K UHD VIDEO WALL PROCESSOR WITH SCALER, AUDIO AND 1X3/1X4/2X2/4X1 LAYOUT



The BG-UHD-VWP-1X4 4K 1x4 Video Wall Processor is a high-quality video processor that is perfect for multiple flat panel displays or projectors. It is designed to support HDMI/DisplayPort signals up to 4K2K@60Hz 4:4:4, providing you with crisp, clear images that are ideal for digital signage, broadcasting, education, and surveillance systems. The embedded scaler technology ensures that video signals are converted to match the native resolution of monitors, flat panel displays, and projectors, while user-selectable output settings up to WUXGA (1920x1200) allow for customized display options.



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BG-UHD-VWP-1X4 unit is extremely versatile and can be controlled via USB, push buttons, Ethernet, webGUI, and IR remote control. With the image parameters saved in flash memory, you can easily recall your preferred settings without the hassle of reconfiguring the unit every time. It is HDCP 2.2 compliant, ensuring that it is compatible with the latest content protection standards.

Features



ACCEPTS HIGH RESOLUTION INPUTS

HDMI And Display Port Inputs Up To 4K2K@60Hz 4:4:4



EASY TO CONTROL

Options Include Front Panel, LAN, IR, And USB Virtual Com



HDCP

High-Bandwidth Digital Content Protection Supported



REMOTE ACCESS

Control using IntriCloud Service (www.intri.cloud)



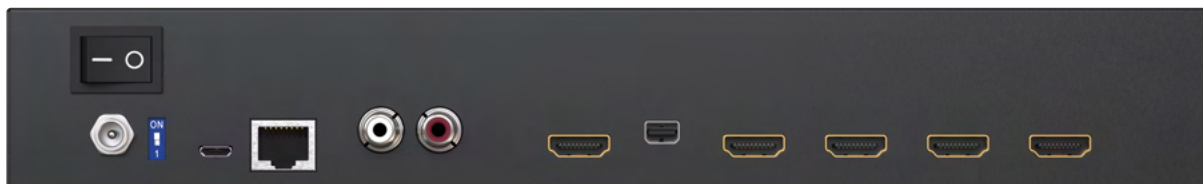
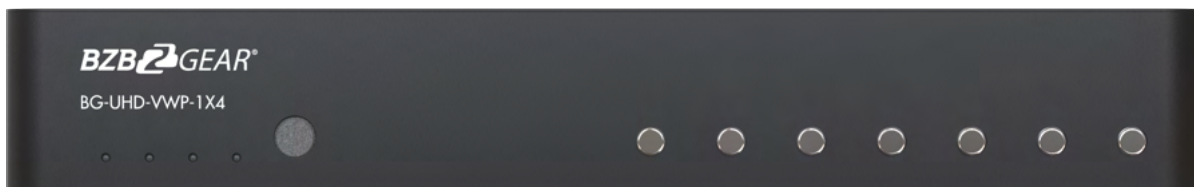
COMPLIANT PORTS

HDMI 2.0a And DisplayPort 1.2a Inputs



SCALABILITY

Resize, Position, and Zoom Each Individual HDMI Output



BG-UHD-VW2X2

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

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.

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.

Operators have access to multiple control options for the BG-UHD-VW2X2, including an IR remote control, front panel buttons, and RS-232. On the IR remote, five preset bezel adjustments are available. Operators can also rotate the display 180° for inverted displays if needed. These configurations work for both commercial displays and for consumer-based TVs.



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Features

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

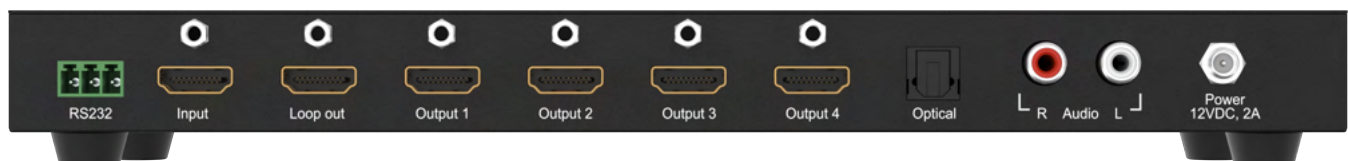
VIDEO WALL PROCESSOR
Spread a source across multiple displays

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-VW24

2X2 4K UHD HDMI VIDEO WALL PROCESSOR WITH IP/RS232 CONTROL (SUPPORTS 1X3/1X4/2X2/4X1 LAYOUT)

Introducing the BG-UHD-VW24 HDMI 2.0 video wall controller from BZBGEAR, an innovative solution for all your video wall processing needs. This powerful controller features 2 HDMI inputs and 2 HDMI loop outs, as well as 4 HDMI scaling outputs, providing seamless and efficient video processing.

With support for resolutions up to 3840x2160@60Hz, this HDMI 2.0 device ensures stunning video quality and optimal viewing experience. The BG-UHD-VW24 also supports HDCP 2.2, ensuring that it is fully compatible with the latest content protection standards.

One of the unique features of the BG-UHD-VW24 is its ability to compensate for bezels in two modes, allowing for optimal display of content across multiple displays. Ability to control resolutions of the output displays and configure the brightness, contrast, saturation, and sharpness of each output further enhancing the viewing experience. Additionally, the controller provides the flexibility of 180° display rotation.



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

Features

4K HIGH RESOLUTION INPUTS
Inputs Support Up To 4K@60Hz

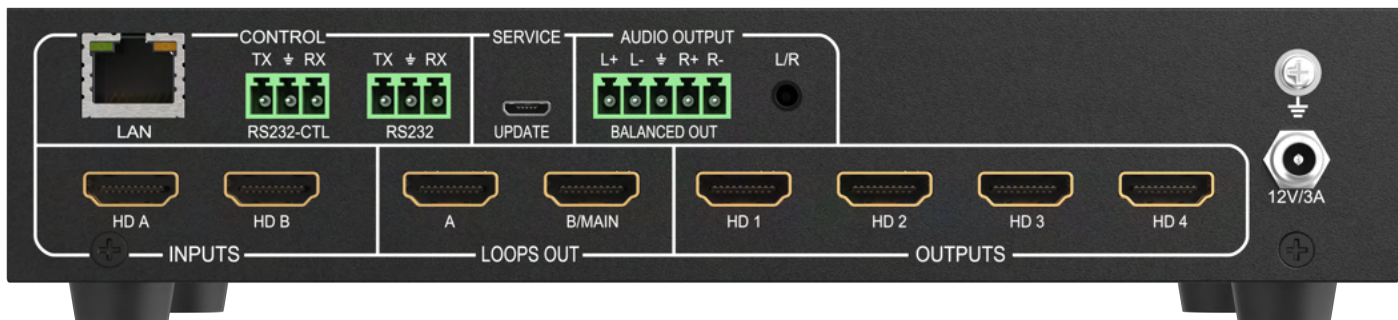
CONTROL
Options Include TCP/IP, RS-232, HDMI CEC, and PC Software

HDCP 2.2
High-Bandwidth Digital Content Protection Supported

MULTIPLE INPUTS
Supports up to two HDMI inputs

AUDIO EXTRACTION
3.5mm and Balanced Analog Audio Outputs

VERSATILE
180° Rotation and Dual-Mode Bezel Compensation



BG-UHD-VW29

3X3 4K UHD HDMI VIDEO WALL PROCESSOR WITH IP/RS232 CONTROL (SUPPORTS 1X3/1X4/2X2/2X3 UP TO 3X3 LAYOUT)

Introducing the BG-UHD-VW29 HDMI 2.0 video wall controller from BZBGEAR, an innovative solution for all your video wall processing needs. This powerful controller features 2 HDMI inputs and 2 HDMI loop outs, as well as 9 HDMI scaling outputs, providing seamless and efficient video processing.

With support for resolutions up to 3840x2160@60Hz, this HDMI 2.0 device ensures stunning video quality and optimal viewing experience. The BG-UHD-VW29 also supports HDCP 2.2, ensuring that it is fully compatible with the latest content protection standards.

One of the unique features of the BG-UHD-VW29 is its ability to compensate for bezels in two modes, allowing for optimal display of content across multiple displays. Ability to control resolutions of the output displays and configure the brightness, contrast, saturation, and sharpness of each output further enhancing the viewing experience. Additionally, the controller provides the flexibility of 180° display rotation.



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Features



HIGH RESOLUTION INPUTS
Inputs Support Up To 4K@60Hz



CONTROL
Options Include TCP/IP, RS-232, HDMI CEC, and PC Software



HDCP 2.2
High-Bandwidth Digital Content Protection Supported



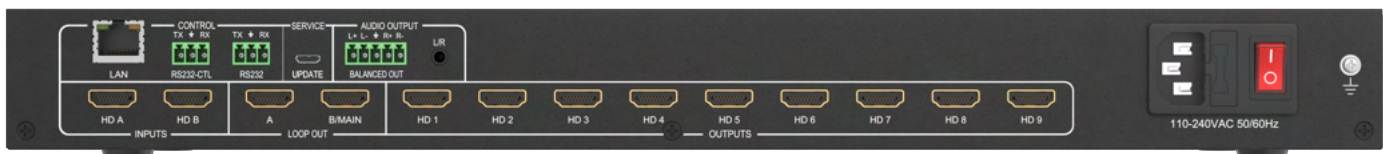
MULTIPLE INPUTS
Supports up to two HDMI inputs



AUDIO EXTRACTION
3.5mm and Balanced Analog Audio Outputs



VERSATILE
180° Rotation and Dual-Mode Bezel Compensation



BG-MVS4X4-4KL

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

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

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



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Features

COMPLIANT
HDMI 2.0b, HDCP 2.2 and HDCP 1.4

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

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

ADVANCED EDID MANAGEMENT
Seamless communication between sources and displays

WEB INTERFACE MODULE
For control and configuration of Matrix

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



BZ-MVS4X4-4K

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

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

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

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



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Features



VIDEO WALL PROCESSOR
Spread a Source Across Multiple Displays



VIDEO MATRIX
View Any Source on Any Display



4K CRYSTAL CLEAR IMAGES
Supports resolutions up to 4K@60Hz 4:4:4



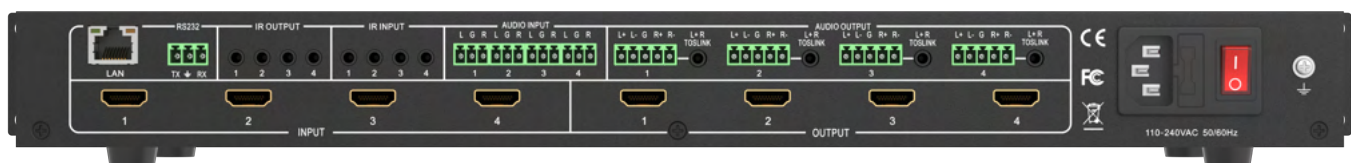
MULTIPLE CONTROL OPTIONS
Front Panel, TCP/IP, RS-232, IR remote, PC Software



HDCP 2.2
High-Bandwidth Digital Content Protection Supported



AUDIO
Embedding and De-Embedding Supported



BG-4K-VP44

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

The BG-4K-VP44 is a powerful video processor and supports four HDMI inputs that can be independently routed to HDMI Outputs. This unit can create video walls, act as a multi-viewer and perform matrix functions! The BG-4K-VP44 supports Video Wall configurations of up to 7 different modes with each monitor. It can also display four pictures on the same screen and has multiple split display modes.

With max resolutions up to 4K@60HZ 4:4:4, the BG-4K-VP44 is capable of producing high-quality imagery with pristine detailing and rich color. All HDMI ports on this unit are HDCP 2.2 compliant. This device also supports analog audio extraction, and audio channels can be switched independently.

The BG-4K-VP44 offers multiple control methods including front panel controls, IR remote control, RS-232, or IP control. The included IR receiver allows the unit to be controlled with the included remote while located out of sight for a clean installation.



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



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Features



4X4 MATRIXING

4x HDMI Inputs that can be independently routed to 4 HDMI Outputs



VIDEO WALL

Supports Video Wall up to 7 different modes with each monitor



MULTIVIEW CAPABILITIES

It can display 4 pictures on the same screen and has multiple split display modes



HDCP COMPLIANT

HDCP 2.2 compliancy ensures copyright protection



CONTROL OPTIONS

Control via panel button, Remote Control, RS232 Control, TCP/IP Control



4K@60HZ

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



BG-4K-VP44PRO

4X4 4K UHD SEAMLESS HDMI MATRIX SWITCHER/VIDEO WALL PROCESSOR/MULTIVIEWER OVER CAT5/6/7 WITH 4XRECEIVER KIT

Introducing the BG-4K-VP44PRO: Your Ultimate 4x4 HDMI 2.0 CAT5/6/7 Seamless Matrix. Experience the next level of video distribution with the BG-4K-VP44PRO, a versatile all-in-one solution that's redefining the audiovisual landscape. Packed with advanced features like video wall and multi-view modes, this device unleashes a new era of flexibility, empowering your audiovisual setup with unmatched signal extension capabilities for even the most expansive spaces. Its sophisticated audio matrixing ensures crystal-clear sound, while the Power over Cable (PoC) functionality eliminates cable clutter, streamlining your setup and providing a cleaner, more efficient solution. Upgrade your AV setup today with the BG-4K-VP44PRO and elevate your entertainment experience to new heights.



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Features



SIGNAL EXTENSION

Extent your HDMI signals up to 70m (229ft) over CAT5



AUDIO MATRIXING

Analog audio embedded & extraction - the audio can be independently routed



POC

Power over Cable enables devices to be powered and centralized via a single cable connection



MULTIVIEW MODE

Display 4 different sources on the same screen



VIDEO WALL MODE

Supports up to a 2X2 video wall - Up to 7 different modes built-in and supports cascading



4K UHD

Support for 4K@60Hz 4:4:4 8bit, HDCP 2.2



BZ-MVS8X8-4K

8X8 4K UHD HDMI VIDEO WALL PROCESSOR & SEAMLESS MATRIX SWITCHER WITH SCALER, IR AND AUDIO

The BZ-MVS8X8-4K video wall processor and matrix switcher is an incredible tool that supports up to eight inputs and eight outputs. The unit can support multiple commercial-grade video walls with 4K HDR quality simultaneously in various configurations such as 1x2, 2x2, or 3x2 up to 8 displays total.

The BZ-MVS8X8-4K is HDMI 2.0 and HDCP 2.2 compliant with bandwidth speeds up to 18Gbps. These features enable this unit to support eight HDMI inputs and outputs with resolutions up to 4K@60Hz. Users can also embed or extract two channel audio onto each HDMI input and output respectively using 3.5mm mini stereo audio cables.

IR matrix routing is available on this unit via the included IR extenders with 8 IR in and 8 IR out connections. The superior connectivity features and image quality of the BZ-MVS8X8-4K make it an incredible choice for those looking to create beautiful video walls or matrix multiple displays for advertising, events, and more.



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Features



VIDEO WALL PROCESSOR
Spread a source across multiple displays



VIDEO MATRIX
View any source on any display



4K CRYSTAL CLEAR IMAGES
Supports resolutions up to 4K@60Hz on all inputs and outputs



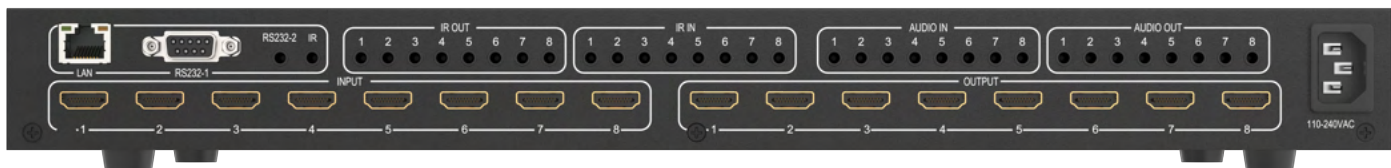
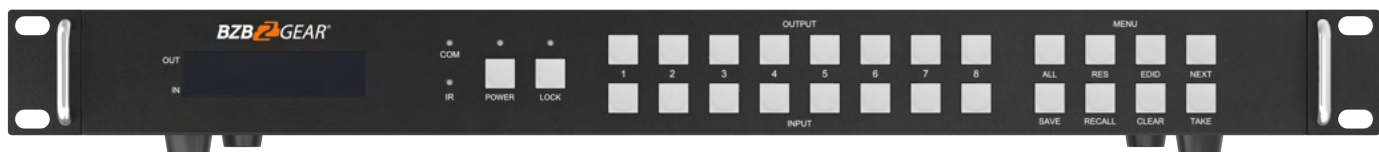
MULTIPLE CONTROL OPTIONS
Utilize the physical buttons, RS232, Bi-Directional IR, or Web interface to manage your devices and display layouts



HDCP 2.2
High-Bandwidth Digital Content Protection Supported



AUDIO EMBEDDING AND EXTRACTION
Embed or extract audio on each HDMI input or output



BG-4K-VP88

8X8 4K UHD SEAMLESS HDMI MATRIX SWITCHER/VIDEO WALL PROCESSOR/MULTIVIEWER WITH SCALER/IR/AUDIO/IP AND RS-232

The BG-4K-VP88 supports eight HDMI inputs that can be independently routed to HDMI Outputs. This unit can create video walls, act as a multi-viewer and perform matrix functions! The BG-4K-VP88 supports video wall configurations of up to 7 different modes with each monitor. It can also display eight pictures on the same screen and has multiple split display modes.

With max resolutions up to 4K@60Hz 4:4:4, the BG-4K-VP88 is capable of producing high-quality imagery with pristine detailing and rich color. All HDMI ports on this unit are HDCP 2.2 compliant. This device also supports analog audio extraction, and audio channels can be switched independently.

The BG-4K-VP88 provides various control methods, including front panel controls, IR remote control, RS-232, and IP control. With the included IR receiver, the unit can be controlled using the provided remote even when placed out of sight, ensuring a neat installation.



SVC BEST OF SHOW
INFOCOMM WINNERS 2023



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Features



4X4 MATRIXING

4x HDMI Inputs that can be independently routed to 4 HDMI Outputs



VIDEO WALL

Supports Video Wall up to 7 different modes with each monitor



MULTIVIEW CAPABILITIES

It can display 8 pictures on the same screen and has multiple split display modes



HDCP COMPLIANT

HDCP 2.2 compliancy ensures copyright protection



CONTROL OPTIONS

Control via panel button, Remote Control, RS232 Control, TCP/IP Control



4K@60HZ

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



BG-4K-VP99PRO

9X9 4K UHD SEAMLESS HDMI MATRIX SWITCHER/VIDEO WALL PROCESSOR/MULTIVIEWER OVER CAT5/6/7 WITH 8XRECEIVER KIT

Introducing the BG-4K-VP99PRO 9x9 HDMI 2.0 over CAT5/6/7 matrix switcher with 3x3 Video Wall and 9 source multiview capabilities. Experience the pinnacle of versatility and cutting-edge technology with this advanced HDMI matrix switcher, perfect for a wide range of professional AV installations.

The BG-4K-VP99PRO offers an impressive array of connectivity options to cater to your diverse needs. With 9 HDMI inputs, 9 HDMI loop outs, 9 HDMI outputs, and 9 DSC outputs featuring Power over Cable (POC) support, seamless integration with multiple sources, displays, and audio systems is guaranteed. Additionally, for large-scale AV projects and installations, all HDMI sources can be extended up to 70m(229ft) over CAT5/6/7.

Delivering stunning visuals with exceptional clarity and color reproduction, the BG-4K-VP99PRO supports resolutions up to 4K60Hz 4:4:4. Its impressive bandwidth of 18Gbps ensures the smooth transmission of high-quality content.



BEST MATRIX SWITCHER -
COMMERCIAL INTEGRATOR 2023
BEST AWARDS



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Features



SIGNAL EXTENSION
Extend your HDMI signals up to 70m (229ft) over CAT5



AUDIO MATRIXING
Analog audio embedded & extraction - the audio can be independently routed



POC
Power over Cable enables devices to be powered and centralized via a single cable connection



MULTIVIEW MODE
Display 9 different sources on the same screen



VIDEO WALL MODE
Supports up to a 3x3 video wall - supports cascading



4K UHD
4K@30Hz



Multiviewers

TOP-OF-THE-LINE 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



PLUG AND PLAY



AUTO-SCALING

BG-UHD-MVS21A

2X1 4K UHD HDMI SEAMLESS SWITCHER MULTIVIEWER WITH AUDIO DE-EMBEDDER

The 4K@60 2x1 Multiviewer Seamless UHD Video Switcher is designed to allow you to display multiple video sources at 4K resolution on a single screen. It combines two video signals and allows you to manage each input, create combinations of the two inputs, and adjust their positions on the display.

Besides instant switching between 2 sources the BG-UHD-MVS21A has the ability to display the two video inputs in a Picture-in-Picture (PIP) or Picture-by-Picture (PBP) mode. In PIP mode, one of the video inputs is displayed as a small inset window on top of the other input, which takes up the majority of the screen. In PBP mode, the two video inputs are displayed side-by-side, taking up equal or partial amounts of screen space.

This device supports a wide range of input resolutions up to 4096x2160p 60Hz. It also could de-embed audio from any of the sources in different formats for your external audio system. Supported audio formats are LPCM, AC3, DD+, DTS, DTS- HD. User can control the volume of audio in LPCM format. Multiple control options are available for the BG-UHD-MVS21A. It can be controlled through the front panel buttons, an IR remote, or RS-232 commands. EDID control is available through the RS-232 interface.



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

Features



SECURE CONTENT
HDMI 2.0b, HDCP 2.2, and HDCP 1.x compliant



4K RESOLUTION
Input and output resolutions support up to 4K2K@60 4:4:4



AUDIO MANAGEMENT
Volume control and independent audio selection



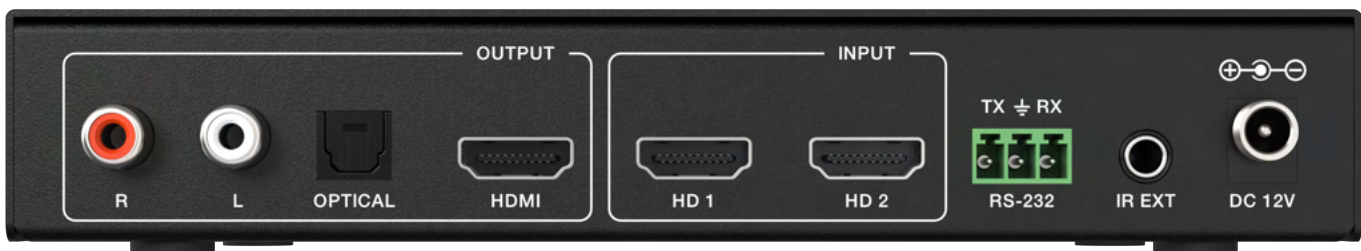
EDID MANAGEMENT
Seamless scaling for the best results



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



COMPACT DESIGN
For easy and flexible installation



BG-UHD-MVS41A

4x1 4K UHD HDMI SEAMLESS SWITCHER QUAD MULTIVIEWER WITH AUDIO DE-EMBEDDER

The 4K@60 4x1 Multiviewer Seamless UHD Video Switcher is designed to allow you to display multiple video sources at 4K resolution on a single screen. It combines four video signals and allows you to manage each input, create combinations of the four inputs, and adjust their positions on the display.

Besides instant switching between 4 sources the BG-UHD-MVS41A has the ability to display the four video inputs in a Picture-in-Picture (PIP) or Picture-by-Picture (PBP) mode. In PIP mode, one of the video inputs is displayed as a small inset window on top of the other input, which takes up the majority of the screen. In PBP mode, the four video inputs are displayed side-by-side, taking up equal or partial amounts of screen space.

This device supports a wide range of input resolutions up to 4096x2160p 60Hz. It also could de-embed audio from any of the sources in different formats for your external audio system. Supported audio formats are LPCM, AC3, DD+, DTS, DTS- HD. User can control the volume of audio in LPCM format.



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

Features



SECURE CONTENT

HDMI 2.0b, HDCP 2.2, and HDCP 1.x compliant



4K RESOLUTION

Input and output resolutions support up to 4K2K@60 4:4:4



AUDIO MANAGEMENT

Volume control and independent audio selection



EDID MANAGEMENT

Seamless scaling for the best results



CONTROL OPTIONS

Control via front panel buttons, IR remote, RS-232 commands



COMPACT DESIGN

For easy and flexible installation



BG-UMV-HA41

4X1 4K UHD HDMI SEAMLESS SWITCHER SCALER AND MULTIVIEWER WITH IP/RS232 CONTROL AND AUDIO DE-EMBEDDING

Introducing the BG-UMV-HA41: the ultimate 4K multi-view switcher for seamless presentation and video switching. This innovative device lets you view up to four video sources on a single HDMI output simultaneously, with the option to switch between full-screen mode or multi-view windows with just a push of a button. The result is a dynamic viewing experience that's perfect for conferences, presentations, and more.

Thanks to its 4K resolution, the BG-UMV-HA41 captures every detail from each video source, delivering stunning picture quality that's sure to impress. And with two audio outputs that support audio de-embedding.

The BG-UMV-HA41 is designed with connectivity and control in mind, featuring auto video scaling for each of the four HDMI inputs to ensure compatibility with 4K displays. The device also supports audio embedding via its dual audio input, allowing you to use external audio source as microphone or audio player for background music.



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

Features



HIGH RESOLUTION INPUTS
Input Up To 4K@30Hz 4:4:4 Chroma



CONTROL OPTIONS
IR remote, RS-232, Web GUI, or Front Panel Buttons



SEAMLESS SWITCHING
Quick And Easy Source Switching



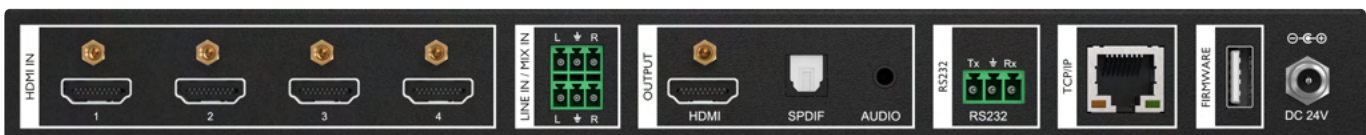
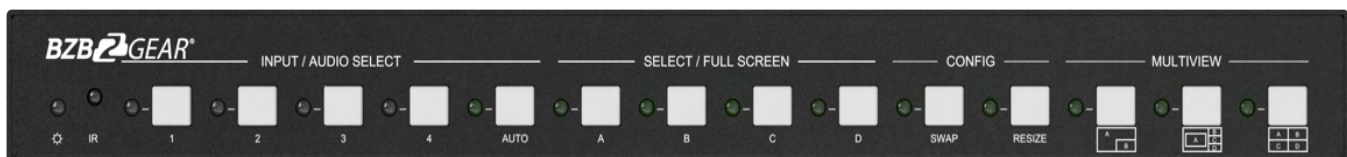
AUDIO EMBEDDING
3-Pin Line-In And Mix Inputs



AUDIO DE-EMBEDDING
3.5mm Analog And TOSLINK Digital Outputs



MULTI-VIEW
Simultaneously Display Multiple Inputs On A Single Monitor



BG-UHD-MVS42MA

4X2 4K UHD HDMI SEAMLESS SWITCHER QUAD MULTIVIEWER WITH AUDIO DE-EMBEDDER

The 4K@60 4x2 Multiviewer Seamless UHD Video Matrix Switcher is designed to allow you to display multiple video sources at 4K resolution on two screens. It combines four video signals and allows you to manage each input, create combinations of the four inputs, and adjust their positions on the displays.

Besides instant switching between 4 sources and routing to two displays the BG-UHD-MVS42MA has the ability to display the four video inputs in a Picture-in-Picture (PIP) or Picture-by-Picture (PBP) mode. In PIP mode, one of the video inputs is displayed as a small inset window on top of the other input, which takes up the majority of the screen. In PBP mode, the four video inputs are displayed side-by-side, taking up equal or partial amounts of screen space.

This device supports a wide range of input resolutions up to 4096x2160p 60Hz. It also could de-embed audio from any of the sources in different formats for your external audio system. Supported audio formats are LPCM, AC3, DD+, DTS, DTS- HD. User can control the volume of audio in LPCM format.

It can be controlled through the front panel buttons, an IR remote, or RS-232 commands. EDID control is available through the RS-232 interface.



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

Features



SECURE CONTENT

HDMI 2.0b, HDCP 2.2, and HDCP 1.x compliant



4K

Input and output resolution up to 4K2K@60 4:4:4



AUDIO FORMATS

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



CONTROL OPTIONS

Control via front panel buttons, IR remote, RS-232 commands



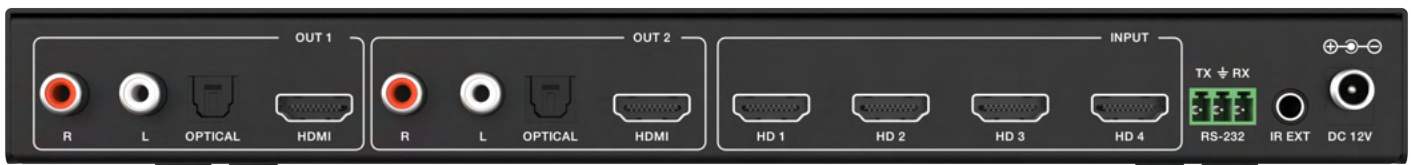
EDID MANAGEMENT

Seamless scaling for the best results



COMPACT DESIGN

For easy and flexible installation



BG-4K-VP44

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

The BG-4K-VP44 is a powerful video processor and supports four HDMI inputs that can be independently routed to HDMI Outputs. This unit can create video walls, act as a multi-viewer and perform matrix functions! The BG-4K-VP44 supports Video Wall configurations of up to 7 different modes with each monitor. It can also display four pictures on the same screen and has multiple split display modes.

With max resolutions up to 4K@60HZ 4:4:4, the BG-4K-VP44 is capable of producing high-quality imagery with pristine detailing and rich color. All HDMI ports on this unit are HDCP 2.2 compliant. This device also supports analog audio extraction, and audio channels can be switched independently.

The BG-4K-VP44 offers multiple control methods including front panel controls, IR remote control, RS-232, or IP control. The included IR receiver allows the unit to be controlled with the included remote while located out of sight for a clean installation.



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



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Features



4X4 MATRIXING

4x HDMI Inputs that can be independently routed to 4 HDMI Outputs



VIDEO WALL

Supports Video Wall up to 7 different modes with each monitor



MULTIVIEW CAPABILITIES

It can display 4 pictures on the same screen and has multiple split display modes



HDCP COMPLIANT

HDCP 2.2 compliancy ensures copyright protection



CONTROL OPTIONS

Control via panel button, Remote Control, RS232 Control, TCP/IP Control



4K@60HZ

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



BG-UHD-QVP-4X2

4X2 4K UHD SEAMLESS SWITCHER, SCALER MULTIEWER WITH AUDIO DE-EMBEDDER AND BUILT IN USB CAPTURE CARD



The BG-UHD-QVP-4X2 is a powerful video processor that provides users with flexible and cost-effective solutions for routing ultra-high definition video from any of the four UHD HDMI sources to two remote displays simultaneously. With 4K2K@60 4:4:4 video resolution, this video processor delivers top-notch video quality with rich, vivid colors and crisp images.



One of the most impressive features of the BG-UHD-QVP-4X2 is its built-in USB 3.0 capture & auto scaling down features that allow users to record video or broadcast up to 1080p video & 2ch audio through real-time software such as Skype or Zoom.



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With adjustable size & position of the image, the BG-UHD-QVP-4X2 provides users with complete control over how their content is displayed. Additionally, the processor supports PIP, PBP, POP, full screen & quad-view display, allowing users to create dynamic layouts and presentations that capture their audience's attention. The BG-UHD-QVP-4X2 also supports titles, borders, and colored backgrounds, which can be used to enhance the presentation's visual appeal.

Features



HIGH RESOLUTION INPUTS
Input Up To 4K@30Hz 4:4:4 Chroma



SEAMLESS SWITCHING
Quick And Easy Source Switching



CONTROL OPTIONS
IR remote, RS-232, Web GUI, or Front Panel Buttons



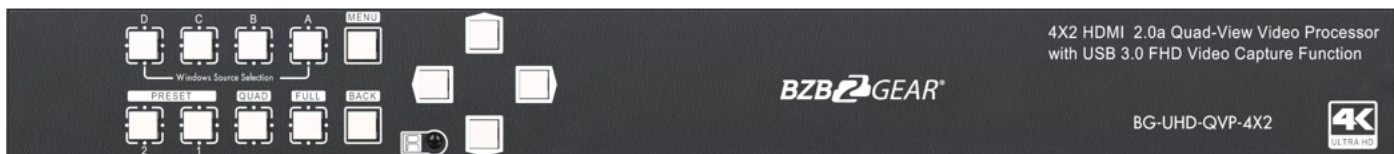
USB CAPTURE
Convert HDMI Sources And Output Via USB 3.0 At Up To 1080p@60Hz



LOOP OUT
UVC1.0 Monitor Output



AUDIO OUTPUT
Extract Audio From Current HDMI Input



BG-4K-VP44PRO

4X4 4K UHD SEAMLESS HDMI MATRIX SWITCHER/VIDEO WALL PROCESSOR/MULTIVIEWER OVER CAT5/6/7 WITH 4XRECEIVER KIT

Introducing the BG-4K-VP44PRO: Your Ultimate 4x4 HDMI 2.0 CAT5/6/7 Seamless Matrix. Experience the next level of video distribution with the BG-4K-VP44PRO, a versatile all-in-one solution that's redefining the audiovisual landscape. Packed with advanced features like video wall and multi-view modes, this device unleashes a new era of flexibility, empowering your audiovisual setup with unmatched signal extension capabilities for even the most expansive spaces. Its sophisticated audio matrixing ensures crystal-clear sound, while the Power over Cable (PoC) functionality eliminates cable clutter, streamlining your setup and providing a cleaner, more efficient solution. Upgrade your AV setup today with the BG-4K-VP44PRO and elevate your entertainment experience to new heights.



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Features



SIGNAL EXTENSION

Extend your HDMI signals up to 70m (229ft) over CAT5



AUDIO MATRIXING

Analog audio embedded & extraction - the audio can be independently routed



POC

Power over Cable enables devices to be powered and centralized via a single cable connection



MULTIVIEW MODE

Display 4 different sources on the same screen



VIDEO WALL MODE

Supports up to a 2X2 video wall - Up to 7 different modes built-in and supports cascading



4K UHD

Support for 4K@60Hz 4:4:4 8bit, HDCP 2.2



BG-4K-VP88

8X8 4K UHD SEAMLESS HDMI MATRIX SWITCHER/VIDEO WALL PROCESSOR/MULTIVIEWER WITH SCALER/IR/AUDIO/IP AND RS-232

The BG-4K-VP88 supports eight HDMI inputs that can be independently routed to HDMI Outputs. This unit can create video walls, act as a multi-viewer and perform matrix functions! The BG-4K-VP88 supports video wall configurations of up to 7 different modes with each monitor. It can also display eight pictures on the same screen and has multiple split display modes.

With max resolutions up to 4K@60Hz 4:4:4, the BG-4K-VP88 is capable of producing high-quality imagery with pristine detailing and rich color. All HDMI ports on this unit are HDCP 2.2 compliant. This device also supports analog audio extraction, and audio channels can be switched independently.

The BG-4K-VP88 provides various control methods, including front panel controls, IR remote control, RS-232, and IP control. With the included IR receiver, the unit can be controlled using the provided remote even when placed out of sight, ensuring a neat installation. Additionally, users have the option to utilize the BG-SWITCH-CONTROL app, a proprietary matrix switcher control and management application available for Windows, iOS, Mac, and Android platforms.



SVC BEST OF SHOW
INFOCOMM WINNERS 2023



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Features



4X4 MATRIXING

4x HDMI Inputs that can be independently routed to 4 HDMI Outputs



VIDEO WALL

Supports Video Wall up to 7 different modes with each monitor



MULTIVIEW CAPABILITIES

It can display 8 pictures on the same screen and has multiple split display modes



HDCP COMPLIANT

HDCP 2.2 compliancy ensures copyright protection



CONTROL OPTIONS

Control via panel button, Remote Control, RS232 Control, TCP/IP Control



4K@60HZ

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



BG-4K-VP99PRO

9X9 4K UHD SEAMLESS HDMI MATRIX SWITCHER/VIDEO WALL PROCESSOR/MULTIVIEWER OVER CAT5/6/7 WITH 8XRECEIVER KIT

Introducing the BG-4K-VP99PRO 9x9 HDMI 2.0 over CAT5/6/7 matrix switcher with 3x3 Video Wall and 9 source multiview capabilities. Experience the pinnacle of versatility and cutting-edge technology with this advanced HDMI matrix switcher, perfect for a wide range of professional AV installations.

The BG-4K-VP99PRO offers an impressive array of connectivity options to cater to your diverse needs. With 9 HDMI inputs, 9 HDMI loop outs, 9 HDMI outputs, and 9 DSC outputs featuring Power over Cable (POC) support, seamless integration with multiple sources, displays, and audio systems is guaranteed. Additionally, for large-scale AV projects and installations, all HDMI sources can be extended up to 70m(229ft) over CAT5/6/7.

Delivering stunning visuals with exceptional clarity and color reproduction, the BG-4K-VP99PRO supports resolutions up to 4K60Hz 4:4:4. Its impressive bandwidth of 18Gbps ensures the smooth transmission of high-quality content.



BEST MATRIX SWITCHER -
COMMERCIAL INTEGRATOR 2023
BEST AWARDS



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Features



SIGNAL EXTENSION

Extend your HDMI signals up to 70m (229ft) over CAT5



AUDIO MATRIXING

Analog audio embedded & extraction - the audio can be independently routed



POC

Power over Cable enables devices to be powered and centralized via a single cable connection



MULTIVIEW MODE

Display 9 different sources on the same screen



VIDEO WALL MODE

Supports up to a 3x3 video wall - supports cascading



4K UHD

4K@30Hz



Presentation Switchers

INNOVATIVE PRESENTATION SWITCHERS

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



ULTRA-HD



AUTO-SCALING

BG-CONNEXIO

4K UHD WIRELESS BYOD CONFERENCE ROOM PRESENTATION COLLABORATION SOLUTION WITH AIRPLAY/ MIRACAST/CHROMECAST SUPPORT

BG-Connexio is a revolutionary wireless conference product that was specifically designed to meet the needs of today's hybrid workforce. It allows for seamless local presentations as well as collaborations with remote participants by connecting the room camera, microphone, speakers, and display with the attendees' own laptops wirelessly.

This powerful device supports wireless connectivity standards such as Miracast, Chromecast and Airplay, so you can connect to any device you prefer, whether it's a laptop, smartphone or tablet. The device also supports multiple simultaneous connections, so multiple participants can share their screens in the same meeting.

With BG-Connexio, you can control the room A/V system from your personal device, allowing you to adjust the volume, change the source, or even control the camera and microphone as needed.



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Features



BYOD
No cables are required for participants



WIRELESS CONNECTION
Between your laptop and room USB peripherals like a camera, mic, and speakers for easy video conferencing



DATA SECURITY
Best-in-class data security with dual network and high-standard encryption



POE
Provide power and a connection with a single-category cable



INTERACTIVE
Supports whiteboard and annotation



CENTRALIZED MANAGEMENT
Central management platform available



BG-PS21-4K

2-PORT 4K UHD AND PRESENTATION SWITCHER WITH HDMI, USB-C AND USB 3.0

Built for flexible digital presentations, the BG-PS21-4K is a KVM switcher that enables two devices to be connected to the same display at output resolutions of up to 4K@60Hz. Thanks to its USB-A ports, users can control two connected devices with one mouse and keyboard. These USB peripherals can be shared between the HDMI/Host connections and the USB-C connection. The device will also automatically switch inputs when a signal is detected via HDMI.

With the ability to de-embed audio and support for audio formats such as LPCM 7.1 audio, Dolby Digital® Plus, and DTS-HD® Master Audio™, you'll be able to capture crystal clear audio from your presentations.

Using the two USB 3.0/2.0 type-A ports, peripherals like mice and keyboards can be connected to control active content. The unit itself can be controlled via front panel buttons of the RS-232 interface. A 4-pin DIP switch is also provided for EDID settings. A balanced audio output is also included for audio de-embedding.



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

Features

4K HIGH RESOLUTION INPUTS
Input Resolutions Up To 4K2K@60Hz

PLUG AND PLAY
Easy To Install And Use

MULTICHANNEL AUDIO SUPPORTED
LPCM 7.1, Dolby Atmos®, TrueHD, Digital® Plus, DTS: X™, And DTS-HD® Master Audio™ Pass-Through

EDID
Eliminates Connection Issues

AUTO-SWITCHING
Automatically Selects Input When Change In Signal Is Detected

HDCP 2.2
High-Bandwidth Digital Content Protection Creates A Secure Source To Display Connection



BG-UHD-KVM41

4-PORT 4K UHD KVM AND CONFERENCE ROOM SWITCHER WITH HDMI AND USB 3.0

This conference room presentation switcher is a great option for users looking to efficiently manage up to 4 computers from a single workstation using one keyboard, one mouse, and one monitor. This 4X1 HDMI 2.0 KVM switch can support video resolutions up to 4Kx2K@60Hz (4:4:4).

The BG-UHD-KVM41 is a brilliant option for conference room systems when paired with the optional BG-SC-GRHU table grommets. These grommets can be installed in a tabletop and provide USB and HDMI connections along with local source selection and video mute buttons. The grommets can be purchased separately or as a bundle with the BG-UHD-KVM41-KIT.

This KVM switch has four HDMI video inputs and one HDMI output, allowing you to connect multiple computers and switch between them on one display. There are four type-B USB 3.0 host ports as well and three type-A ports for KVM management with peripherals like a mouse and keyboard.

The BG-UHD-KVM41 supports Windows, MacOS, and Linux devices. A 3.5 mm stereo audio output is also included for audio de-embedding.



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

Features



4K
Supports resolutions up to 4K@60Hz



KVM
Remotely control 4 computers from a single screen



HDMI
HDMI 2.0, HDCP 2.2, HDR 10, and Dolby Vision



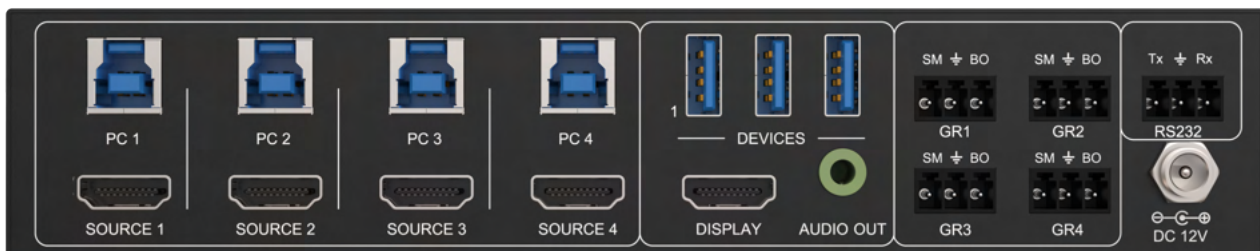
USB 3.0
Conveniently share 3 x USB 3.0 peripherals



3.5MM OUTPUT
Stereo audio de-embedding via 3.5mm jack



CONTROL
Controllable via front panel buttons, RS-232, and BG-SC-GRHU table grommets



BG-PS41-BYOD-4K 4-PORT 4K UHD CONFERENCE ROOM WIRELESS PRESENTATION SWITCHER WITH HDMI/USB-C/SOFT CODEC

The BG-PS41-BYOD-4K is a powerhouse, enabling users to connect several devices to one display with 4K@30Hz 4:4:4 resolution. This 4x1 presentation switcher is the perfect fit for small businesses and private conference rooms thanks to its wireless Bring Your Own Device (BYOD) features - removing the need for a dedicated device for this presentation switcher. It also has four wired inputs including two HDMI, one USB-C, and one HDMI output. Wireless connectivity provides support for both Airplay and Miracast, making it easier than ever to quickly connect multiple devices for a conference, meeting, or presentation.

The BG-PS41-BYOD-4K is a smart presentation switcher that's able to automatically switch inputs. This is done based on signal detection from connected devices. In addition to the wireless connectivity, two HDMI inputs, and one USB-C port, there are two USB type-A ports (USB 3.0/2.0). These enable peripherals to be connected to the switcher such as keyboards, mice, and webcams. These will be shared between the HDMI/host connections and the USB-C connection.



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

Features



4K
Outputs resolutions up to 4K@30Hz 4:4:4



RS-232
Provides support for third-party control systems



AUTO SWITCHING
Automatically selects new source devices



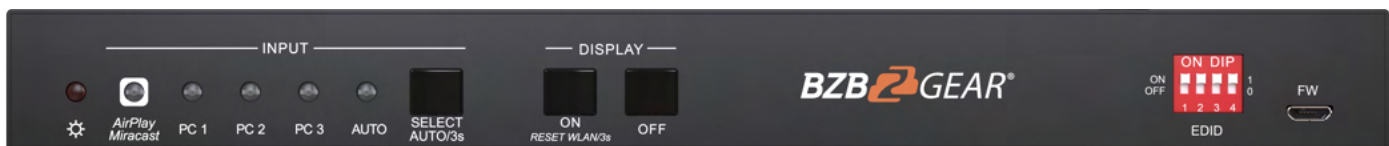
BYOD
Simple wireless connection via Airplay and Miracast



EDID
Smart EDID management



FLEXIBLE CONNECTION OPTIONS
Connect and broadcast using self contained wireless, USB Type-C, or USB together with HDMI



BG-PSC6X2-4K

6X2 4K UHD CONFERENCE ROOM PRESENTATION SWITCHER SCALER W/HDMI/VGA/USB-C/DP & AUDIO

The BG-PSC6X2-4K multi-function 4K@60Hz presentation switcher provides users with a variety of inputs, allowing numerous devices to be displayed on a 4K HDMI display. The powerful integrated scaler allows resolutions as low as 640 x 480 to be displayed in multiple aspect ratios at resolutions up to 4096x2160@60Hz 4:4:4.

Featuring audio embedding, de-embedding, and a MIC level input, the BG-PSC6X2-4K is an effective solution for use in auditoriums, classrooms, and conference rooms.

The BG-PSC6X2-4K is equipped with six inputs including three 18 Gbps HDMI 2.0, one DisplayPort, one USB-C, and one VGA. The VGA input is paired with a 3.5mm audio input. A three-way selectable input with phantom power allows users to connect microphones or line input sources for audio embedding. Two mirrored HDMI outputs provide connections for dual displays. Equipped with one digital coax and one RCA line output, the BG-PSC6X2-4K provides audio de-embedding for connection to external audio systems.



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

Features



STUNNING IMAGE QUALITY

Supports Resolutions up to 4K@60 4:4:4



MICROPHONE INPUT

48V phantom power



MULTIPLE CONTROL OPTIONS

Front panel, IR, RS-232, TCP/IP



AUDIO SUPPORT

Embed or De-Embed audio signals



MULTIPLE INPUTS

3xHDMI, 1xVGA w/audio, 1xUSB-C, 1xDisplayPort



MULTI-DISPLAY SUPPORT

2x HDMI mirrored outputs



BG-PSC7X2

7X2 4K UHD PRESENTATION SWITCHER SCALER W/HDMI/ VGA/COMPONENT/COMPOSITE VIDEO & AUDIO

The BG-PSC7X2 multi-function presentation switcher provides users with a variety of inputs, allowing numerous devices to be displayed on a single HDMI display. Supporting input signals up to 4K@30Hz, this unit is also equipped with an integrated scaler which allows resolutions as low as 640 x 480 to be scaled up to 1920x1080@60Hz.

The powerful dual-switcher mode allows the BG-PSC7X2 to simultaneously function as a 4x1 4K HDMI switcher and a 7x1 1080P multi-format switcher. Featuring audio embedding, de-embedding, and supporting variety of input connections, this unit is an effective solution for use in auditoriums, classrooms, and conference rooms.

The BG-PSC7X2 is equipped with seven inputs including four HDMI, one VGA, one component (YPbPr), and one composite A/V. The VGA input is paired with a 3.5mm audio input. Two mirrored HDMI outputs provide connections for dual displays. Equipped with one digital coax and one RCA line output, the BG-PSC7X2 provides audio de-embedding for connection to external audio systems. The digital bypass circuit allows 4K@30Hz 4:4:4 sources to be displayed.



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

Features



LEGACY INPUT DEVICE SUPPORT

4x HDMI, 1x VGA with audio, 1xYPbPr (Component) and 1x Composite RCA



MULTI-DISPLAY SUPPORT

2x HDMI mirrored outputs



MULTIPLE CONTROL OPTIONS

Front panel, IR, RS-232, TCP/IP



AUDIO SUPPORT

Embed via 3.5mm line in or de-embed audio signals Coaxial S/PDIF or 3.5mm



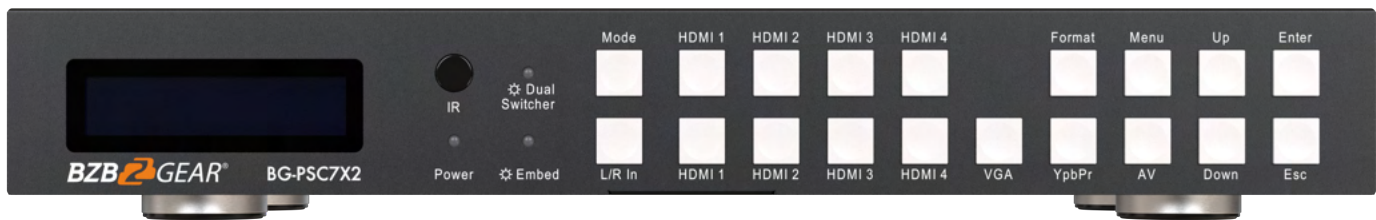
CRYSTAL CLEAR IMAGES

Supports image resolutions up to 4K2K@30Hz 4:4:4



LCD DISPLAY

LCD to easily view system status at a glance



BG-PSC8X2HDB

8X2 4K UHD SEAMLESS PRESENTATION SWITCHER WITH HDBASET

The BG-PSC8X2HDB is an 18Gbps 8x2 seamless 4K presentation switcher. Equipped with 8 video inputs including 6 HDMI ports, 1 Display Port, and 1 VGA port, this HDMI 2.0, HDCP 2.2 and DP 1.2 compliant unit supports multi-format signal processing for seamless switching between all sources. It features automatic input scaling at resolutions up to 4K@60Hz 4:4:4.

Video output is available via simultaneous HDMI and HDBaseT ports. The HDBaseT output extends signal up to 70 meters at 1080P, or 45 meters at 4K.

Third-party control is supported with bi-directional IR and RS-232 connections and the equipped EDID management helps eliminate video compatibility issues.

Easily embed audio with any of the 8 stereo inputs. The integrated microphone mixer supports adjustable trim and 48V phantom power. Extract audio from the balanced output or power 2 speakers with the 20W stereo output.



Check out this item on our website

Features

4K CRYSTAL CLEAR IMAGES
Stunning image quality in 4K@60 4:4:4

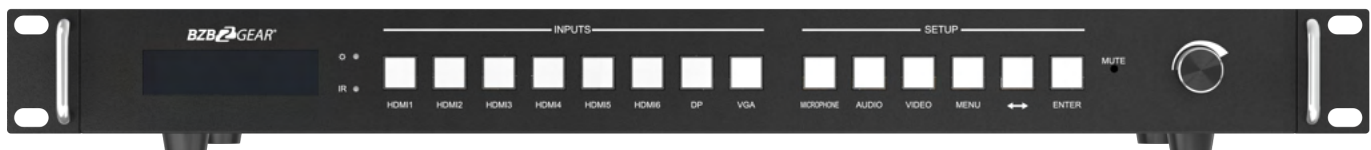
INTEGRATED MICROPHONE MIXER
Features adjustable trim and 48V Phantom Power

HDBASET OUTPUT
Extend signal up to 70 meters at 1080P, or 45 meters at 4K

INTEGRATED AUDIO AMPLIFIER
Power 2 speakers via 20W stereo outputs

EDID MANAGEMENT
Eliminates video compatibility issues

MULTIPLE CONTROL OPTIONS
Bi-Directional IR, RS232, and IP Control



BG-PSC11X2-HDBT

11X2 4K UHD PRESENTATION SCALER SWITCHER W/VGA/HDMI/YPBPR/CV/HDBASET INPUT AND OUTPUT

The BG-PSC11X2-HDBT is an eleven input multi-format video presentation switcher with two HDMI outputs. This versatile switcher supports resolutions up to 4K@30Hz and is designed for use in control centers, auditoriums, and other situations requiring both current and legacy devices to be connected to 4K displays.

With HDBaseT inputs and outputs, the BG-PSC11X2-HDBT can connect to distant sources and displays. The integrated scaler can take resolutions as low as 640x480 and convert them to 1920x1080@60Hz for compatibility with modern displays.

The BG-PSC11X2-HDBT has eleven video inputs, including four HDMI, one HDBaseT, four VGA, one component (YPbPr), and one composite AV. All inputs are paired with 3.5mm stereo audio inputs. Outputs include one HDMI, one HDBaseT, one digital coax, and one 3.5mm stereo audio.



Check out this item on our website

Features

4K 4K SUPPORT
Transmit resolutions up to 4K@30Hz

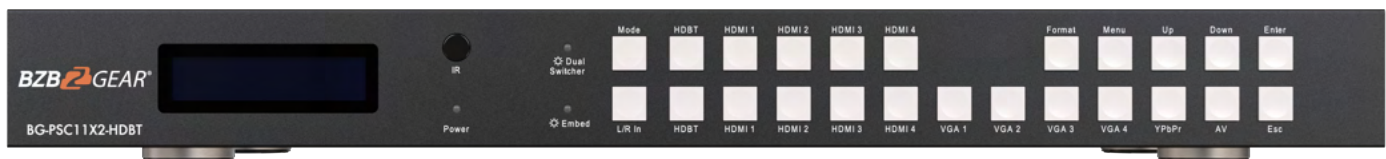
HDBASET
1x input, 1x output, transmits up to 330ft/100m over Cat6

11 INPUTS
4x HDMI, 4x VGA, 1x Component, 1x Composite, 1x HDBaseT

MULTIPLE CONTROL OPTIONS
Controllable via front panel, IR, TCP/IP or RS-232

AUDIO EMBEDDING/ EXTRACTING
Output audio via analog or S/PDIF connections

SCALING
Able to scale from 640x480 to 1920x1080@60Hz



BG-PSC8X2-REC

70 METER HDBASET EXTENDER FOR BG-PSC8X2HDB

The BG-PSC8X2-REC is an HDBaseT extender designed to work with BZBGEAR's BG-PSC8X2HDB presentation switcher. By taking advantage of the switcher's HDBaseT output, users can extend the output signal at distances up to 230 feet at 4K@30Hz, and distances up to 328 feet at 1080p@60Hz.

Equipped with PoE (Power over Ethernet), this unit requires no power supply to function. The compact housing eases installation, while bi-directional IR passthrough and RS-232 connections extend control to distant displays.



Check out this item on our website

Features

4K CRYSTAL CLEAR IMAGES
Supports 4K@30Hz 4:4:4

THIRD PARTY CONTROL
Bi-directional IR, RS232, and IP control signals

POWER OVER CABLE
Receivers need no power supply

LONG-DISTANCE
Transmit signal up to 100 meters (328 feet)

COMPACT DESIGN
Slim components make a clean installation easy

EDID CONTROL
Multiple selectable EDID modes ensure reliable connectivity



Matrix Switchers

BEST IN MARKET MATRIX SWITCHERS

BZBGEAR matrix switchers allow users to send an audio, video, and control signal to any display that is connected to the switcher. Keeping all of your devices in a single location connected to a matrix switch can greatly simplify the connection and operation of complex systems. If your organization needs to run multiple video components at once, then a matrix switcher is going to be necessary! We offer a variety of matrix switchers that support different configurations and features. That way, you can find exactly what you need.

With the accompanying PC software (only available with certain models), advanced configuration and management features will be available at your convenience. Organize your devices, clean up messy wires, and control everything from one PC!

Overall, BZBGEAR offers an advanced line-up of full-featured matrix switchers that are budget-friendly. Ask one of our representatives how you can upgrade your business or home with a BZBGEAR matrix switcher today!



SOFTWARE
CONTROLLABLE



ULTRA-HD



HDBaseT

BG-8K-22MA

2X2 8K UHD HDMI 2.1 MATRIX SWITCHER WITH AUDIO DE-EMBEDDER (8K60, 4K120 4:4:4 10BIT VRR, FVA, ALLM SUPPORT)

The 2x2 8K 60Hz HDMI matrix switcher is a high-performance device that allows you to switch between two HDMI input sources and send the output to two separate displays. It supports 8K resolution at 60Hz refresh rate for crystal clear picture quality. Additionally, it features audio de-embedding, allowing you to extract the audio from the HDMI signal and route it to an external audio system. The EDID management function ensures compatibility between the source and display devices by mimicking the EDID of the connected displays. This matrix switcher is a ideal for any professional A/V setup, home theater, and conference room.

In addition to 8K resolution at 60Hz, this 2x2 HDMI matrix switcher also supports 4K resolution at 120Hz, making it ideal for the gaming community who require the highest quality video and smooth frame rates for an immersive gaming experience. High refresh rates, such as 120Hz, can make a big difference for fast-paced games, making the image look smoother, and reducing motion blur.



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Features



SECURE CONTENT
HDMI 2.1 and HDCP 2.3 compliant



8K AND 4K@120HZ
Video resolutions up to 8K@60Hz
4:2:0 10bit, 8K@30Hz 4:4:4 10bit,
4K@120Hz 4:4:4 10bit



AUDIO FORMATS
LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD



EDID MANAGEMENT
Seamless scaling for the best results



CONTROL OPTIONS
IR remote control and front panel button switching



COMPACT DESIGN
For easy and flexible installation



BG-8K-42MA

4X2 8K UHD HDMI 2.1 MATRIX SWITCHER WITH AUDIO DE-EMBEDDER (8K60, 4K120 4:4:4 10BIT VRR, FVA, ALLM SUPPORT)

The BG-8K-42MA 8K HDMI matrix switch is the perfect solution for users who need to share up to four HDMI sources with up to two displays. With its user-friendly interface and advanced features, this matrix switch allows you to effortlessly switch between multiple sources, or display a single source on two displays with just the press of a button.

This high-performance switch is designed for both professional and recreational use all while delivering exceptional picture and audio quality thanks to its support for 8K resolutions and a range of high-quality audio formats. Whether you're working on a demanding post-production project, need a reliable tool for sharing content in a business setting, or an easier way to manage several gaming consoles, the BG-8K-42MA has you covered.



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

Features

8K SUPPORTS 8K AND 4K120
Video resolution up to 8K@60Hz
4:2:0 10bit, 8K@30Hz 4:4:4 10bit,
4K@120Hz 4:4:4 10bit

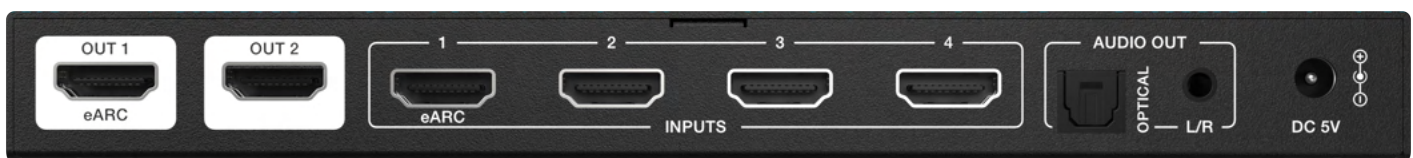
EASY CONTROL OPTIONS
IR remote control and front panel
button switching

HDMI AUDIO FORMATS
LPCM, Dolby Digital/Plus/EX, Dolby
True HD, Dolby Atmos, DTS, DTS-EX,
DTS-96/24, DTS High Res, DTS-HD
Master Audio, DSD

AUTOMATIC DOWNSCALING
8K->4K, 8K/4K->2K downscaling

HIGH QUALITY AND SECURE CONTENT
HDMI 2.1 and HDCP 2.3 compliant

COMPACT DESIGN
For easy and flexible installations



BG-UHD-44M

4X4 4K UHD HDMI MATRIX SWITCHER WITH AUTO DOWNSCALING AND RS-232/IP/CLOUD



With four HDMI 2.0a inputs and four HDMI 2.0a outputs, the BG-UHD-44M 4K HDMI matrix switch allows users to share up to four HDMI sources with up to four displays. Perfect for when you need to change multiple sources to show on multiple displays or even select just one source to show on all displays with the press of a button. Professional-grade picture and audio quality are achieved with support for 4K resolutions and a variety of high quality audio formats.



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The BG-UHD-44M supports a maximum resolution of 4K@60Hz 4:4:4 with HDR. With 18 Gbps of uncompressed bandwidth, HDMI signals are routed with no loss of quality. All HDMI ports on this matrix are HDCP 2.2, HDCP 1.x, and DVI compliant. This device is also equipped with auto Downscaling on all outputs, ensuring compatibility with legacy displays.

The BG-UHD-44M supports up to 7.1 channels of high-quality audio including Dolby Digital®, DTS-HD®, and Dolby TrueHD® audio formats.

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

Features

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

MULTIPLE WAYS TO CONTROL
Take control using the front panel buttons, IR, RS-232, or Web Gui

4X4 MATRIX
Route any of the 4 inputs to any of the 4 outputs

AUTO-SCALING
Supports downscaling from 4K to 1080P

HDCP 2.2
High-Bandwidth Digital Content Protection Supported

EDID
Advanced EDID management for rapid integration of sources and displays



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 BZ-MVS4X4-4K can be configured and controlled using the PC Tool software via the LAN or RS-232 connections. Smart EDID management via the front panel buttons or web interface eliminate HDMI handshake issues for fast and reliable input switching. The HDMI CEC provides power and volume control of compatible monitors. Access basic control of the matrix switcher and network settings with the conveniently built-in WebGUI interface.



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Features



VIDEO WALL PROCESSOR
Spread a Source Across Multiple Displays



VIDEO MATRIX
View Any Source on Any Display



4K CRYSTAL CLEAR IMAGES
Supports resolutions up to 4K@60Hz 4:4:4



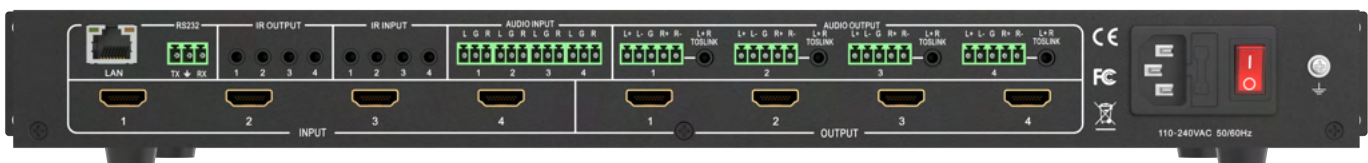
MULTIPLE CONTROL OPTIONS
Front Panel, TCP/IP, RS-232, IR remote, PC Software



HDCP 2.2
High-Bandwidth Digital Content Protection Supported



AUDIO
Embedding and De-Embedding Supported



BG-4K-VP44

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

The BG-4K-VP44 is a powerful video processor and supports four HDMI inputs that can be independently routed to HDMI Outputs. This unit can create video walls, act as a multi-viewer and perform matrix functions! The BG-4K-VP44 supports Video Wall configurations of up to 7 different modes with each monitor. It can also display four pictures on the same screen and has multiple split display modes.

With max resolutions up to 4K@60HZ 4:4:4, the BG-4K-VP44 is capable of producing high-quality imagery with pristine detailing and rich color. All HDMI ports on this unit are HDCP 2.2 compliant. This device also supports analog audio extraction, and audio channels can be switched independently.

The BG-4K-VP44 offers multiple control methods including front panel controls, IR remote control, RS-232, or IP control. The included IR receiver allows the unit to be controlled with the included remote while located out of sight for a clean installation.



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



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Features



4X4 MATRIXING
4x HDMI Inputs that can be independently routed to 4 HDMI Outputs



VIDEO WALL
Supports Video Wall up to 7 different modes with each monitor



MULTIVIEW CAPABILITIES
It can display 4 pictures on the same screen and has multiple split display modes



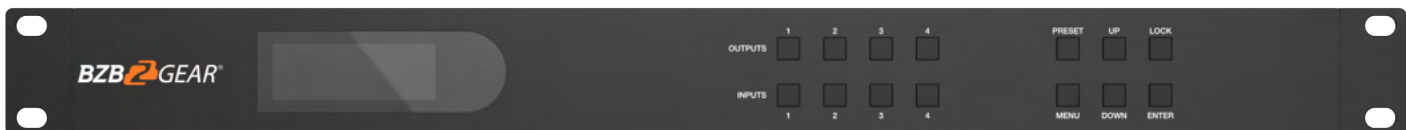
HDCP COMPLIANT
HDCP 2.2 compliancy ensures copyright protection



CONTROL OPTIONS
Control via panel button, Remote Control, RS232 Control, TCP/IP Control



4K@60HZ
Supports resolution up to 4K@60Hz 4:4:4



BG-8K-44MA

4X4 8K UHD HDMI 2.1 MATRIX SWITCHER WITH AUDIO DE-EMBEDDER (8K60, 4K120 4:4:4 10BIT VRR, FVA, ALLM SUPPORT)

With four HDMI 2.1a inputs and four HDMI 2.1a outputs, the BG-8K-44MA 8K HDMI matrix switch allows users to share up to four HDMI sources with up to four displays. Perfect for when you need to change multiple sources to show on various displays or even select just one source to show on all displays with the press of a button. Professional-grade picture and audio quality are achieved with support for 8K resolutions and various high-quality audio formats.

For gamers, the ability to display high-resolution graphics at high frame rates is crucial for a smooth and immersive gaming experience. With support for 4K resolution at 120Hz, the BG-8K-44MA can help ensure that your games are displayed with the highest level of detail and fluidity. This is particularly important for fast-paced games where a high frame rate can make a significant difference in your ability to react to in-game events. The 8K HDMI 4x4 matrix switcher's support for 4K at 120Hz can help you get the most out of your favorite games.



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Features



4X4 ROUTING

Features 4 x HDMI inputs which can be independently routed to 4 x HDMI outputs



HDCP COMPLIANT

HDMI 2.1a (48Gbps) HDCP 2.3 (and all earlier versions supported)



8K AND 4K@120HZ

Up to 8K@60Hz 4:2:0, 8K@30Hz 4:4:4 and 4K@120Hz 4:4:4 8K to 4K or 8K/4K to 1080p



AUTO SCALING

Down Scaling on all outputs



CONTROL OPTIONS

Control via front panel, IR, RS-232, and TCP/IP (Web GUI)



EDID MANAGEMENT

Seamless scaling for the best results



BG-4K-VP44PRO

4X4 4K UHD SEAMLESS HDMI MATRIX SWITCHER/VIDEO WALL PROCESSOR/MULTIVIEWER OVER CAT5/6/7 WITH 4XRECEIVER KIT

Introducing the BG-4K-VP44PRO: Your Ultimate 4x4 HDMI 2.0 CAT5/6/7 Seamless Matrix. Experience the next level of video distribution with the BG-4K-VP44PRO, a versatile all-in-one solution that's redefining the audiovisual landscape. Packed with advanced features like video wall and multi-view modes, this device unleashes a new era of flexibility, empowering your audiovisual setup with unmatched signal extension capabilities for even the most expansive spaces. Its sophisticated audio matrixing ensures crystal-clear sound, while the Power over Cable (PoC) functionality eliminates cable clutter, streamlining your setup and providing a cleaner, more efficient solution. Upgrade your AV setup today with the BG-4K-VP44PRO and elevate your entertainment experience to new heights.



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Features



SIGNAL EXTENSION

Extend your HDMI signals up to 70m (229ft) over CAT5



AUDIO MATRIXING

Analog audio embedded & extraction - the audio can be independently routed



POC

Power over Cable enables devices to be powered and centralized via a single cable connection



MULTIVIEW MODE

Display 4 different sources on the same screen



VIDEO WALL MODE

Supports up to a 2X2 video wall - Up to 7 different modes built-in and supports cascading



4K UHD

Support for 4K@60Hz 4:4:4 8bit, HDCP 2.2



BG-UM-88ANS

8X8 4K UHD HDMI 18GBPS MATRIX SWITCHER WITH AUDIO DE-EMBEDDER

The BG-UM-88ANS is an 8x8 4K HDMI matrix switch, supporting resolutions up to 4K@60Hz 4:4:4 is HDCP 1.4 & 2.2 compliant. Featuring 8 HDMI 2.0b inputs and 8 HDMI 2.0b outputs, this device offers 18Gbps uncompressed bandwidth on all HDMI ports.

This matrix can quickly route any of the eight inputs to any of the eight outputs utilizing either the front panel menu, IR remote control, RS-232, or web interface. The control software, connected via RS-232 or the web interface, allows full control with the ability to adjust advanced features including mapping, network settings, and EDID management for easy integration.

Audio de-embed from any of the 8 coax audio outputs, which all provide multi-channel digital audio (up to 7.1-channel). The supported various audio formats include LPCM, Dolby TrueHD, and DTS-HD® Master Audio.



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

Features

HDMI
Compliant with HDMI 2.0b and HDCP 2.2

4K CRYSTAL CLEAR IMAGES
Supports resolutions up to 4K@60Hz 4:4:4 HDR

MULTI-CHANNEL AUDIO
Supports LPCM, Dolby TrueHD, and DTS-HD Master Audio

AUDIO DE-EMBEDDING
Each HDMI output features a digital coax audio output

EDID
Features smart EDID management for easy integration

MULTIPLE CONTROL OPTIONS
Take control using the front panel, IR, RS-232, CEC, Web UI





BG-UHD-88M

8X8 4K UHD HDMI 18GBPS MATRIX WITH AUDIO EXTRACTION/ARC/DOWNSCALING SUPPORT

The BG-UHD-88M is an 8x8 4K HDMI matrix switch with audio extraction and ARC support. This versatile matrix can handle resolutions up to 4K2K@60Hz 4:4:4 as well as HDR (4K2K@60 4:2:0 10 bits). This HDCP 2.2 compliant unit is equipped with 8 HDMI 2.0a inputs and 8 HDMI 2.0a outputs. It quickly routes any of the eight inputs to any of the eight outputs including one-to-one or one-to-many configurations.

The unit allows control via front panel push buttons, IR remote control, RS-232, a Web Interface, or IP control. 3rd party control system drivers for Crestron, Control 4, AMX, and RTI are also available to encompass a wider array of system compatibility.

The smart EDID management also allows for easy integration with legacy displays and to ensure the best image possible. The BG-UHD-88M supports various audio formats including PCM2, Dolby 5.1, and DTS 5.1. Audio can be de-embedded by utilizing the 8 coax S/PDIF ports and HDMI ARC capabilities.



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

Features



VIDEO MATRIX

Connect any of the 8 inputs to any of the 8 outputs



MULTIPLE CONTROL OPTIONS

Take control by utilizing front panel buttons, IR remote, RS232, Web Interface, and Control 4



AUDIO DE-EMBEDDING

De-embed audio from any of the 8 Coax S/PDIF outputs up to 7.1 channel



HDCP 2.2

High-Bandwidth Digital Content Protection Supported



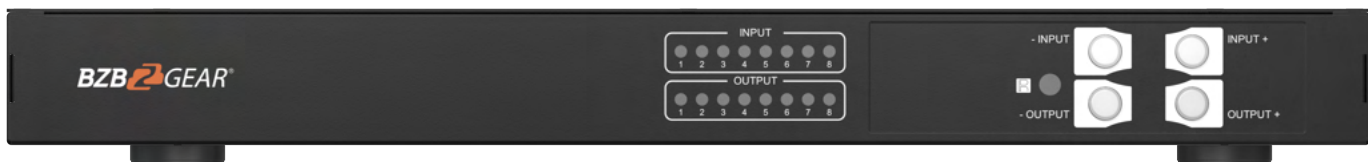
4K CRYSTAL CLEAR IMAGES

Stunning image quality up to 4K@60Hz 4:4:4



EDID MANAGEMENT

Smart EDID to ensure reliable signal quality



BZ-MVS8X8-4K

8X8 4K UHD HDMI VIDEO WALL PROCESSOR & SEAMLESS MATRIX SWITCHER WITH SCALER, IR AND AUDIO

The BZ-MVS8X8-4K video wall processor and matrix switcher is an incredible tool that supports up to eight inputs and eight outputs. The unit can support multiple commercial-grade video walls with 4K HDR quality simultaneously in various configurations such as 1x2, 2x2, or 3x2 up to 8 displays total.

The BZ-MVS8X8-4K is HDMI 2.0 and HDCP 2.2 compliant with bandwidth speeds up to 18Gbps. These features enable this unit to support eight HDMI inputs and outputs with resolutions up to 4K@60Hz. Users can also embed or extract two channel audio onto each HDMI input and output respectively using 3.5mm mini stereo audio cables.

IR matrix routing is available on this unit via the included IR extenders with 8 IR in and 8 IR out connections. The superior connectivity features and image quality of the BZ-MVS8X8-4K make it an incredible choice for those looking to create beautiful video walls or matrix multiple displays for advertising, events, and more.



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Features



VIDEO WALL PROCESSOR
Spread a source across multiple displays



VIDEO MATRIX
View any source on any display



4K CRYSTAL CLEAR IMAGES
Supports resolutions up to 4K@60Hz on all inputs and outputs



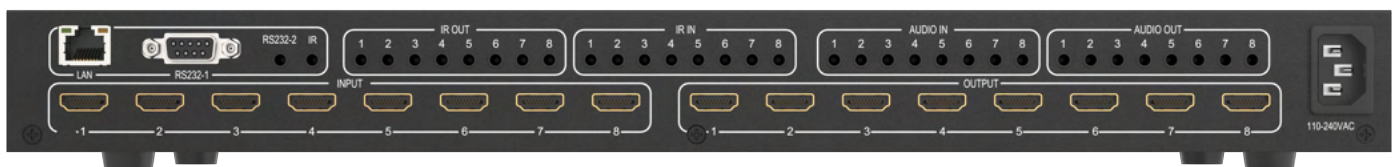
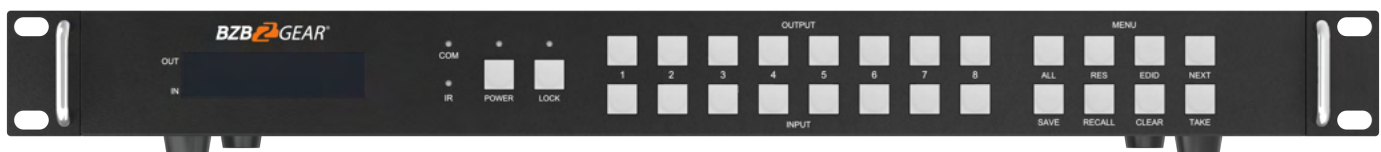
MULTIPLE CONTROL OPTIONS
Utilize the physical buttons, RS232, Bi-Directional IR, or Web interface to manage your devices and display layouts



HDCP 2.2
High-Bandwidth Digital Content Protection Supported



AUDIO EMBEDDING AND EXTRACTION
Embed or extract audio on each HDMI input or output



BG-4K-VP88

8X8 4K UHD SEAMLESS HDMI MATRIX SWITCHER/VIDEO WALL PROCESSOR/MULTIVIEWER WITH SCALER/IR/AUDIO/IP AND RS-232

The BG-4K-VP88 supports eight HDMI inputs that can be independently routed to HDMI Outputs. This unit can create video walls, act as a multi-viewer and perform matrix functions! The BG-4K-VP88 supports video wall configurations of up to 7 different modes with each monitor. It can also display eight pictures on the same screen and has multiple split display modes.

With max resolutions up to 4K@60Hz 4:4:4, the BG-4K-VP88 is capable of producing high-quality imagery with pristine detailing and rich color. All HDMI ports on this unit are HDCP 2.2 compliant. This device also supports analog audio extraction, and audio channels can be switched independently.

The BG-4K-VP88 provides various control methods, including front panel controls, IR remote control, RS-232, and IP control. With the included IR receiver, the unit can be controlled using the provided remote even when placed out of sight, ensuring a neat installation.



SVC BEST OF SHOW INFOCOMM WINNERS 2023



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Features



8X8 MATRIXING

4x HDMI Inputs that can be independently routed to 4 HDMI Outputs



VIDEO WALL

Supports Video Wall up to 7 different modes with each monitor



MULTIVIEW CAPABILITIES

It can display 8 pictures on the same screen and has multiple split display modes



HDCP COMPLIANT

HDCP 2.2 compliancy ensures copyright protection



CONTROL OPTIONS

Control via panel button, Remote Control, RS232 Control, TCP/IP Control



4K@60HZ

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



BG-8K-88MA

8X8 8K UHD HDMI 2.1 MATRIX SWITCHER WITH AUDIO DE-EMBEDDER (8K60, 4K120 4:4:4 10BIT VRR, FVA, ALLM SUPPORT)

With eight HDMI 2.1a inputs and eight HDMI 2.1a outputs, the BG-8K-88MA 8K HDMI matrix switch allows users to share up to eight HDMI sources with up to eight displays. Perfect for when you need to change multiple sources to show on various displays or even select just one source to show on all displays with the press of a button. Professional-grade picture and audio quality are achieved with support for 8K resolutions and various high-quality audio formats.

For gamers, the ability to display high-resolution graphics at high frame rates is crucial for a smooth and immersive gaming experience. With support for 4K resolution at 120Hz, the BG-8K-88MA can help ensure that your games are displayed with the highest level of detail and fluidity. This is particularly important for fast-paced games where a high frame rate can make a significant difference in your ability to react to in-game events. The 8K HDMI 8x8 matrix switcher's support for 4K at 120Hz can help you get the most out of your favorite games.



TOP NEW TECHNOLOGY 2023
- CEPRO & COMMERCIAL INTEGRATOR



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Features



8X8 ROUTING

Features 8 x HDMI inputs which can be independently routed to 8 x HDMI outputs



HDCP COMPLIANT

HDMI 2.1a (48Gbps) HDCP 2.3 (and all earlier versions supported)



8K AND 4K@120HZ

Up to 8K@60Hz 4:2:0, 8K@30Hz 4:4:4 and 4K@120Hz 4:4:4 8K to 4K or 8K/4K to 1080p



AUTO SCALING

Down Scaling on all outputs



CONTROL OPTIONS

Control via front panel, IR, RS-232, and TCP/IP (Web GUI)



EDID MANAGEMENT

Seamless scaling for the best results



BG-UHD-1616M

16X16 4K UHD HDMI MATRIX WITH ADVANCE EDID, AUDIO DE-EMBEDDING, DOWNSCALING AND CEC

Introducing the BG-UHD-1616M, a cutting-edge 4K HDMI matrix switcher that delivers unparalleled control over multiple displays simultaneously. With support for up to 16 sources and 16 HDMI displays, this matrix offers an advanced solution for managing your video and audio needs.

The BG-UHD-1616M supports HDMI 2.0b and HDCP 2.2/1.x, enabling you to enjoy resolutions as high as 4K2K@60Hz (YUV 4:4:4) on all HDMI ports. The maximum video bandwidth of 18Gbps and the ability to downscale 4K video to 1080p ensure that your video quality remains crystal-clear on any display.

In addition, the BG-UHD-1616M supports HDMI audio pass-through up to 7.1 CH HD audio (LPCM, Dolby TrueHD, and DTS-HD Master Audio).

With multiple control options, the BG-UHD-1616M provides a customizable experience for any use case. You can switch inputs using front panel buttons, an IR remote, RS-232, IP commands, or the web interface, or use free BZBGEAR's Switching Control Application on any device.



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

Features

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

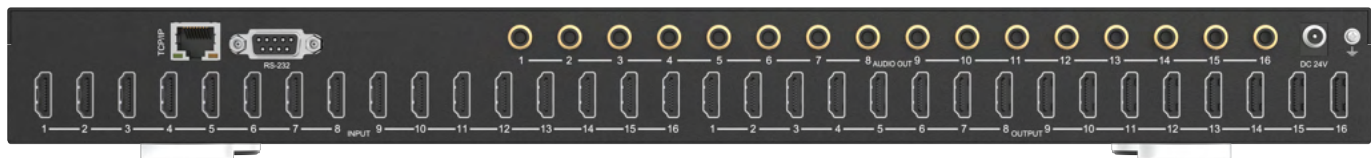
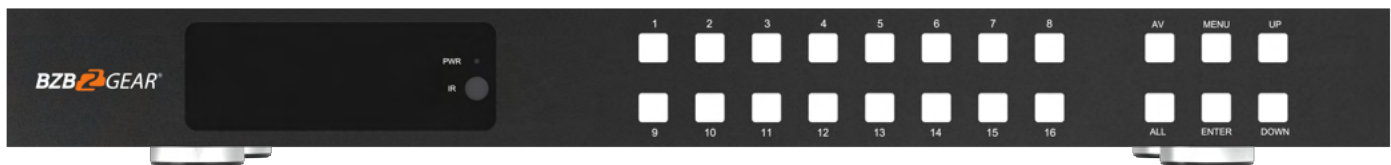
16X16 VIDEO MATRIX
View any source on any display

HDCP 2.2
High-Bandwidth Digital Content Protection Supported

HDR HDR
Dolby Vision, HDR10+, and HLG support

AUDIO EXTRACTION
De-Embed audio using S/PDIF Digital Coax

MULTIPLE CONTROL OPTIONS
Front panel buttons, RS232, IR, CEC, IP, and Web GUI



Long-Range Matrix Kits

HIGH-QUALITY PRODUCTION SWITCHER TO YOUR STREAMING SETUP

A production switcher is a device that enables the user to switch between multiple cameras while actively live streaming. A production switcher will also allow you to launch different types of media, switch between scenes and adjust audio levels. We have a 4-channel HDMI production switcher and a 6 input 3G-SDI production switcher. The HDMI production switcher will give you more flexibility with access to consumer based equipment. The SDI production switcher will be geared towards more professional applications.

Adding a high-quality production switcher to your streaming setup can elevate your profile and expand your reach. The ability to smoothly transition between camera angles and add touches like custom graphics and logos will help separate you from your competitors. If you're seeking a high quality live production switcher for your next project, look no further! A production switcher gives you a single device to host all your sources, letting you quickly and easily switch between them at the touch of a button. Faster and simpler to use than a software-based switcher, a standalone switcher with backlit buttons lets you review settings at a glance and quickly adjust them as needed.



SOFTWARE
CONTROLLABLE



AUTO-SCALING



AUDIO DE-EMBEDDING

BG-UM44-150L-KIT

4X4 4K UHD 18GBPS HDMI AND HDBASET MATRIX SWITCH WITH BI-DIRECTIONAL IR/ADVANCE EDID AND DOWNSCALING

Introducing BG-UM44-150L-KIT HDMI Matrix Switcher and Extender - a powerful device that lets you easily connect up to four HDMI sources to four displays! With four HDMI outputs mirrored to four HDBaseT outputs, the extender allows you to transmit video signals over longer distances than a standard HDMI cable. For instance, with 1080p resolution, the signal can travel up to 492ft / 150m, and 394ft / 120m at 4K, giving you plenty of flexibility when it comes to your setup.

This matrix is packed with features that ensure an exceptional viewing experience. It supports a maximum resolution of 4K@60Hz (YUV 4:4:4) on all HDMI and HDBaseT ports and has a maximum bandwidth of 18Gbps, guaranteeing a pure signal transfer for maximum image quality. The device also utilizes HDMI 2.0b and HDCP 2.2 / HDCP 1.x compliant. The device's HDMI audio pass-through capability enables you to handle high-quality sound up to 7.1 CH HD audio. With support for various audio codecs, including LPCM, Dolby TrueHD, and DTS-HD Master Audio, you can rest assured that your audio will be as crisp and clear as your video.



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

Features

4K **CRYSTAL CLEAR IMAGES**
Supports resolutions up to 4K@60Hz 4:4:4

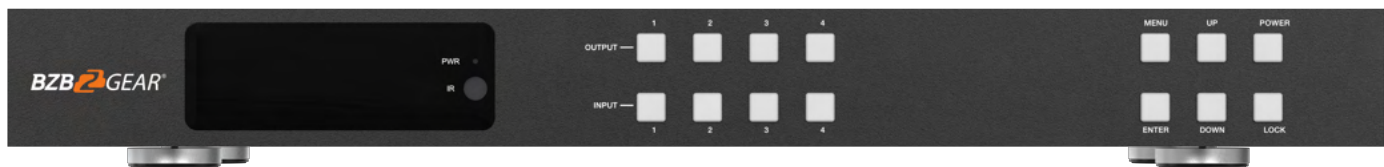
HDCP 2.2
High-Bandwidth Digital Content Protection Supported

4X4 VIDEO MATRIX
View Any Source on Any Display

HDBASET
Extend 4K signals up to 394 feet (120m)

MULTIPLE CONTROL OPTIONS
Front panel buttons, RS232, IR, CEC, IP, and Web GUI

HDR
Dolby Vision, HDR10+, and HLG support



BG-UM88-150L-KIT

8X8 4K UHD 18GPBS HDMI AND HDBASET MATRIX SWITCH WITH BI-DIRECTIONAL IR/ADVANCE EDID AND DOWNSCALING

Introducing BG-UM88-150L-KIT HDMI Matrix Switcher and Extender - a powerful device that lets you easily connect up to eight HDMI sources to 16 displays! With eight HDMI outputs mirrored to four HDBaseT outputs, the extender allows you to transmit video signals over longer distances than a standard HDMI cable. For instance, with 1080p resolution, the signal can travel up to 492ft / 150m, and 394ft / 120m at 4K, giving you plenty of flexibility when it comes to your setup.

This matrix is packed with features that ensure an exceptional viewing experience. It supports a maximum resolution of 4K@60Hz (YUV 4:4:4) on all HDMI and HDBaseT ports and has a maximum bandwidth of 18Gbps, guaranteeing a pure signal transfer for maximum image quality. The device also utilizes HDMI 2.0b and HDCP 2.2 / HDCP 1.x compliant. The device's HDMI audio pass-through capability enables you to handle high-quality sound up to 7.1 CH HD audio. With support for various audio codecs, including LPCM, Dolby TrueHD, and DTS-HD Master Audio, you can rest assured that your audio will be as crisp and clear as your video.



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Features



CRYSTAL CLEAR IMAGES

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



HDCP 2.2

High-Bandwidth Digital Content Protection Supported



8X8 VIDEO MATRIX

View Any Source on Any Display



HDBASET

Extend 4K signals up to 394 feet (120m)



MULTIPLE CONTROL OPTIONS

Front panel buttons, RS232, IR, CEC, IP, and Web GUI



HDR

Dolby Vision, HDR10+, and HLG support



BG-UM44-100M-KIT

4X4 4K UHD HDMI/HDBASET/AUDIO MATRIX SWITCHER WITH 2-WAY IR/ARC/ETHERNET/IP AND RS-232 CONTROL

The BG-UM44-100M-KIT is a four input 4K HDMI matrix with four HDBaseT outputs. With Ethernet passthrough for all receivers, bi-directional IR passthrough, and full audio matrix functionality, this powerful switcher provides system-wide routing, control, and management from a single centralized unit.

HDBaseT technology allows an uncompressed HDMI signal to be transmitted over a category 6 cable at distances up to 100 meters (328 feet). When combined with the four mirrored HDMI outputs, this allows the BG-UM44-100M-KIT to send 4K@60Hz 4:4:4 video to eight displays.

The BG-UM44-100M-KIT supports resolutions up to 4K@60Hz 4:4:4. The HDMI 2.0 ports are HDCP 2.2 compliant and transmit video at speeds up to 18Gbps while supporting Dolby Vision, HDR10+, and HLG formats. Each output performs 4K to 1080p downscaling and supports ARC (Audio Return Channel).



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

Features

4K **CRYSTAL CLEAR IMAGES**
Supports resolutions up to 4K@60Hz 4:4:4

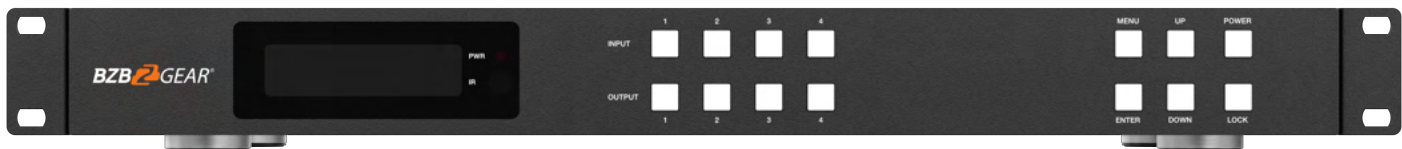
HDCP 2.2
High-Bandwidth Digital Content Protection Supported

EXTREME RANGE
Extend 4K signals up to 330 feet (100 meters) with included receivers

AUDIO MATRIX
Each output features de-embedded digital coax and analog outputs

AUTO-SCALING
Each output features 4K to 1080P down-scaling

MULTIPLE CONTROL OPTIONS
Front panel buttons, RS232, IR, CEC, and TCP/IP (Web GUI)



BG-UM88-100M-KIT

8X8 4K UHD HDMI/HDBASET/AUDIO MATRIX SWITCHER WITH 2-WAY IR/ARC/ETHERNET/IP AND RS-232 CONTROL

The BG-UM88-100M-KIT is an eight input 4K HDMI matrix with eight HDBaseT outputs. With Ethernet passthrough for all receivers, bi-directional IR passthrough, and full audio matrix functionality, this powerful switcher provides system-wide routing, control, and management from a single centralized unit.

HDBaseT technology allows an uncompressed HDMI signal to be transmitted over a category 6 cable at distances up to 100 meters (328 feet). When combined with the eight mirrored HDMI outputs, this allows the BG-UM88-100M-KIT to send 4K@60Hz 4:4:4 video to sixteen displays.

The BG-UM88-100M-KIT can be operated via the front panel menu, IR remote control, RS-232, or a detailed web interface. Bi-directional IR control is supported along with full IR matrix functionality. Smart EDID management via the front panel menu and web interface eliminate HDMI handshake issues for fast and reliable input switching.



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

Features

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

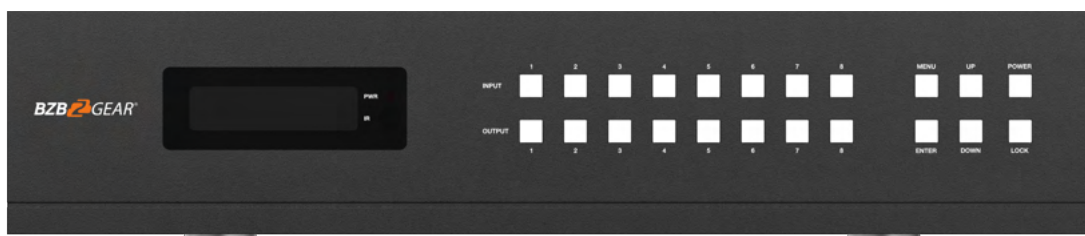
HDCP 2.2
High-Bandwidth Digital Content Protection Supported

HDR **HDR**
Rich colors with Dolby Vision, HDR, HDR10+, and HLG support

EXTREME RANGE
Transmit 4K video up to 328ft via a single CAT 5E/6/7 cable

MULTIPLE CONTROL OPTIONS
Take control using Bi-Directional IR, physical buttons, RS232, TCP/IP, or Web interface

ANY SOURCE ANY DISPLAY
Broadcast any of the 8 inputs to any of the 8 mirrored HDMI/HDBaseT outputs simultaneously



BG-4K-VP99PRO

9X9 4K UHD SEAMLESS HDMI MATRIX SWITCHER/VIDEO WALL PROCESSOR/MULTIVIEWER OVER CAT5/6/7 WITH 8XRECEIVER KIT

Introducing the BG-4K-VP99PRO 9x9 HDMI 2.0 over CAT5/6/7 matrix switcher with 3x3 Video Wall and 9 source multiview capabilities. Experience the pinnacle of versatility and cutting-edge technology with this advanced HDMI matrix switcher, perfect for a wide range of professional AV installations.

The BG-4K-VP99PRO offers an impressive array of connectivity options to cater to your diverse needs. With 9 HDMI inputs, 9 HDMI loop outs, 9 HDMI outputs, and 9 DSC outputs featuring Power over Cable (POC) support, seamless integration with multiple sources, displays, and audio systems is guaranteed. Additionally, for large-scale AV projects and installations, all HDMI sources can be extended up to 70m(229ft) over CAT5/6/7.

Delivering stunning visuals with exceptional clarity and color reproduction, the BG-4K-VP99PRO supports resolutions up to 4K60Hz 4:4:4. Its impressive bandwidth of 18Gbps ensures the smooth transmission of high-quality content.



BEST MATRIX SWITCHER -
COMMERCIAL INTEGRATOR 2023
BEST AWARDS



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

Features



SIGNAL EXTENSION

Extend your HDMI signals up to 70m (229ft) over CAT5



AUDIO MATRIXING

Analog audio embedded & extraction - the audio can be independently routed



POC

Power over Cable enables devices to be powered and centralized via a single cable connection



MULTIVIEW MODE

Display 9 different sources on the same screen



VIDEO WALL MODE

Supports up to a 3x3 video wall - supports cascading



4K UHD

4K@30Hz



Production Switchers

SINGLE DEVICE TO HOST ALL YOUR SOURCES

A production switcher is a device that enables the user to switch between multiple cameras while actively live streaming. A production switcher will also allow you to launch different types of media, switch between scenes and adjust audio levels. We have a 4-channel HDMI production switcher and a 6 input 3G-SDI production switcher. The HDMI production switcher will give you more flexibility with access to consumer based equipment. The SDI production switcher will be geared towards more professional applications.

Adding a high-quality production switcher to your streaming setup can elevate your profile and expand your reach. The ability to smoothly transition between camera angles and add touches like custom graphics and logos will help separate you from your competitors. If you're seeking a high quality live production switcher for your next project, look no further!



SOFTWARE
CONTROLLABLE



AUTO-SCALING



AUDIO DE-EMBEDDING

BG-QUADFUSION-4K

4-CHANNEL 4K UHD LIVE STREAMING HDMI/DP SWITCHER MIXER WITH PIP AND USB 3.0 CAPTURE CARD

Introducing the BG-QuadFusion-4K: A Feature Packed 4K UHD 4-CH Video Production Switcher. The BG-QuadFusion-4K is a versatile video production switcher designed for professional broadcast and TV stations. This switcher offers comprehensive control options, including keyboard-based special effects and transitions, intuitive menu display functions, and a camera joystick for precise camera control. It supports up to 4-CH HDMI/DP (DisplayPort) inputs 4K60 signals, making it ideal for a wide range of live broadcasting applications, including sports events, concerts, and studio recordings.

The BG-QuadFusion-4K is built for both studio and on-location use, making it suitable for live performances, course recordings, and studio guidance. Its advanced functions include multi-format video input, audio embedding, audio mixing, an SD card slot, USB 3.0 streaming, keying effects, RS422 control, and more, all accessible through user-friendly operation.

The switcher allows control of up to 4 cameras and is particularly well-suited for large-scale events like sports broadcasts and concerts. Its robust construction, featuring metal aluminum alloy, ensures durability, while its ultra-thin design facilitates transportation and maintenance.



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

Features



HDMI ENCODER & DP DECODER
Effortlessly manage multiple video sources



SPECIAL EFFECTS
Unlock creative potential with built-in effects



CONTROL OPTIONS
Convenient RJ45 remote, backlit buttons, and knobs for precise adjustments



IMMERSIVE AUDIO
2-CH MIC inputs, LINE OUT for rich soundscapes



4K SUPPORT
Present content in stunning, clear 4K resolution



DURABLE MOBILITY
High-strength aluminum alloy for lasting, portable use



BG-QUADFUSION-JR

4-CHANNEL 1080P FHD LIVE STREAMING HDMI/DP SWITCHER MIXER WITH PIP AND USB 3.0 CAPTURE CARD

Introducing the BG-QuadFusion-JR: Your Ultimate 1080p FHD Video Switcher Solution. Seamlessly integrating 3 HDMI inputs and 1 dual HDMI/DP input, this cutting-edge switcher redefines video content management for broadcast and TV. Elevate production quality, streamline setup, and embrace the future of visual communication with features including effortless source transition, intuitive control, support for 1080P@60Hz, USB 3.0 capture, SD card slot, versatile effects, durable mobility, immersive audio, and professional-grade quality.

The BG-QuadFusion-Jr introduces a new level of versatility to your AV setup. By incorporating 3 dedicated HDMI inputs and 1 dual HDMI/DP port, managing multiple video sources becomes effortless and tangle-free. Transition seamlessly between various sources, ensuring smooth content flow without interruptions.

From 4 HDMI and 1 DP input to the multiview output and PGM output, every facet of your visual narrative receives a boost. With provision for LUMA key, CHROMA key, and color bar output, you're armed to narrate your story in the most impactful manner possible.



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

Features



HDMI ENCODER & DP DECODER

Effortlessly handle multiple video sources



SPECIAL EFFECTS

Unlock your creative potential with inbuilt effects



CONTROL OPTIONS

Enjoy the convenience of a RJ45 remote, backlit buttons, and knobs for precise adjustments



IMMERSIVE AUDIO

Harness 2-CH MIC inputs and LINE OUT for enriching soundscapes



1080P EXCELLENCE

Present your content in stunning, clear 1080p resolution



DURABILITY IN MOTION

Crafted from high-strength aluminum alloy for lasting, portable use



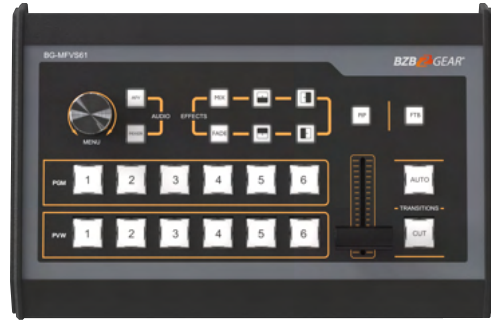
BG-MFVS61-G2

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

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 on our website](#)

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



HDMI Extenders Over Category Cable

THE FUTURE OF HDMI EXTENDERS OVER ETHERNET

Beyond 50 feet HDMI becomes unreliable and can result in intermittent connections, reduced resolution, or sometimes no connection at all. This is where HDMI extenders step in. The HDMI extender over cat6 can reach up to 100 meters / 328 ft. A cat6 cable is also capable of carrying the data from the HDMI cable over a longer distance without interference. That is 6 times the distance of an HDMI cable while providing the same great quality!

HDMI Extenders can greatly reduce the labor involved in the installation process. In addition to the distance limitation of HDMI cables; they can also be expensive, bulky, and fragile. It's not uncommon for HDMI cables to be damaged beyond repair during installation. Category cables are smaller and more durable, making them better suited for custom installation. Additionally, extenders with the HDBaseT standard provide support for audio, video, power, control, and a network connection over a cat6 cable. This standard also supports 100 watts of power over cat6, which is 100 watts over 100 meters / 328 feet!

Overall, HDMI Extenders over category cables are a great choice for future-proofing your system. Simplify and improve your system today!



LONG-RANGE
UP TO 492 FT.



4K UHD



EASY INSTALLATION

BG-EXH-50C

4K UHD HDMI EXTENDER WITH BI-DIRECTIONAL IR OVER A SINGLE CAT5E/6/7 UP TO 165FT

The BG-EXH-50C HDMI 2.0 extender over a single CAT5/6 cable is a versatile and high-quality solution for extending source signals with resolutions up to 4K@60Hz (4:4:4) for distances of up to 165ft (50m). The device is perfect for a wide range of applications, including home entertainment, commercial installations, and digital signage. The transmitter unit of the BG-EXH-50C also features an HDMI loop output, which can be used to connect a local monitor or as an input to another extender or any other HDMI equipment. This feature adds to the versatility of the device and ensures that users have multiple output options.

The BG-EXH-50C is HDCP 2.2 compliant, ensuring that it is fully compatible with the latest content protection standards. This feature provides users with peace of mind and ensures that their content is protected. Overall, the BG-EXH-50C HDMI 2.0 extender over a single CAT5/6 cable is a highly versatile and reliable solution that offers a range of advanced features to cater to all your signal extension needs.



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

Features



HDCP 2.2
High-Bandwidth Digital Content Protection Supported



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



HDR SUPPORT
HDR, HDR10+, Dolby Vision, and HLG



LOOP-OUT
Connect a local display to view content on the transmitter side



STUNNING IMAGE QUALITY
View crystal clear 4K@60Hz 4:4:4 images up to 164ft



DURABLE DESIGN
Durable metal structure built to withstand years of operation



BG-EXH-70C3

4K UHD HDMI EXTENDER WITH BI-DIRECTIONAL IR/POC/ARC AND AUDIO DE-EMBEDDING UP TO 230FT

The BG-EXH-70C3 is an 18Gbps HDMI extender that can transmit HDMI and IR control signals up to 230ft(70m) via a single CAT6/6a cable and the uncompressed, long-distance transmission between the transmitter and receiver is achieved with zero-delay. These devices are also HDMI 2.0b and HDCP 2.2 compliant ensuring content is protected. The extenders feature bi-directional IR and power over cable(PoC) meaning only one of the units in the pair needs a power supply while IR blaster and receiver cables can be utilized to control devices on either end of the system simplifying a clean installation.

EDID copy pass-through between the source and display devices help to ensure the best signal quality possible. Video resolution is crystal clear with up to 4K2K@60Hz 4:4:4 along with rich colors provided by HDR, HDR10, HDR10+, Dolby Vision, and HLG. ARC and audio de-embedding via the receiver optical port support LPCM 7.1, Dolby True HD, and DTS HD Master formats. The flexible and compact design of the BG-EXH-70C3 allows for a wide range of uses where signal sources may need to be further away from their displays.



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

Features



LONG DISTANCE

Supports a transmission extension distance of up to 230ft/70m via a CAT6/6a cable



HDR SUPPORT

Specifically mentions support for HDR, HDR10, HDR10+, Dolby Vision, and HLG



AUDIO FORMATS

Supports LPCM 5.1, Dolby True HD, and DTS HD Master audio formats



EDID COPY PASS-THROUGH

Features an EDID copy pass-through function between the source and display devices



DIGITAL AUDIO EXTRACTION

The receiving unit (RX) can extract digital audio from the transmitter via ARC from a display through the TOSLINK port



HDMI LOOP-OUT

Loop-out to view content locally at the transmitter side



BG-EXH-150C

4K UHD HDMI HDBASET LONG RANGE EXTENDER WITH BI-DIRECTIONAL IR RS-232 AND 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



BG-EXH-70C4

4K UHD HDMI HDBASET EXTENDER WITH IR/ARC/POC/RS-232 AND AUDIO EMBEDDING/DE-EMBEDDING UP TO 230FT

Introducing the BG-EXH-70C4, the ultimate solution for extending your HDMI signals over a long distance of up to 70m / 230ft. This extender is a highly efficient device that converts your HDMI signal to standard HDBaseT and transmits it via single CAT5e/6 ethernet cable. With a bandwidth of 18Gbps, the device is compliant with HDMI 2.0b and HDCP 2.2 standards. The video resolution that can be achieved using this extender is up to 4K2K@60Hz RGB/YCBCR 4:4:4, which ensures that you enjoy crystal clear images and vibrant colors.

The BG-EXH-70C4 also supports bi-directional IR and RS-232 control signal pass-through, which enables you to easily control signal source or display devices from a remote location. Additionally, the device supports ARC functionality, which makes it possible to transmit audio signals from your TV back to your home theater system without the need for an extra cable. In terms of audio support, the device can handle various formats, including Dolby 5.1, DTS 5.1, and PCM2.0, etc. Lastly, the compact design of this device ensures that it can be easily and flexibly installed, making it an ideal solution for any home or office.



Check out this item on our website

Features



LONG DISTANCE

Supports a transmission extension distance of up to 230ft/70m via a CAT5e/6 cable.



CONTROL SIGNAL PASS-THROUGH

Supports bi-directional IR and RS-232 control signal pass-through.



AUDIO FORMATS

Supports Dolby 5.1, DTS 5.1, PCM 2.0, etc.



ARC FUNCTIONALITY

Features Audio Return Channel (ARC) functionality



ADVANCED EDID MANAGEMENT

Includes advanced EDID management for more control over the communication between source and display devices



HDBASET TECHNOLOGY

The HDMI signal is converted to standard HDBaseT, and transmitted using a LAN cable.



BG-EXH-100C5

4K UHD HDMI HDBASET EXTENDER WITH IR/ARC/POC/RS-232/ETHERNET AND AUDIO EMBEDDING/DE-EMBEDDING UP TO 330FT

The BG-EXH-100C5 is an 18Gbps HDMI HDBaseT extender that transmits high-definition audio / video, RS-232, bi-directional IR, and internet signals to a distance of up to 328ft (100m) between the transmitter and receiver using a single CAT6/6a cable. Featuring video resolutions up to 4K@60Hz 4:4:4 and HDR, HDR10+, Dolby Vision, and HLG ensure the best image possible.

The integrated bi-directional IR pass-through allows for source and display control from either end of the system. The BG-EXH-100C5 transmitter and receiver are also capable of power over cable (PoC) meaning only one unit in the pair needs a power supply. Each unit also has a LAN port to further eliminate the need for extra cable runs. The system supports ARC and various audio formats such as Dolby Digital, Dolby TrueHD, LPCM, and many more as well as local audio extraction. This set of robust features in such a compact design makes for easy, flexible, and high quality installation options.



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

Features



HDCP COMPATIBLE
Supports HDCP 2.2 and 1.4



4K QUALITY
Up to 4k@60Hz YUV 4:4:4



LONG DISTANCE
Up to 328ft / 100 meters over a single CAT6/6a cable



POC
Power over Cable to simplify setup



LAN SIGNAL PASS-THROUGH
Ethernet signal pass-through transmission



ENHANCED CONNECTIVITY
ARC (Audio Return Channel), Bi-directional IR & RS-232



BG-EXH-100C6

4K UHD HDMI/HDBASET 3.0 EXTENDER WITH IR/EARC/ARC/ POC/RS-232/ETHERNET/USB AND AUDIO EMBEDDING/DE-EMBEDDING UP TO 330FT

Experience unparalleled audio and video transmission with the BG-EXH-100C6 HDBaseT 3.0 extender by BZBGEAR. This state-of-the-art device unleashes uncompressed HD/UHD audio and video, along with eARC/ARC, RS-232, bi-directional IR, 1Gb Ethernet, and USB 2.0 signals up to an impressive distance of 328ft(100m) using just a single CAT6A/7 cable. With USB 2.0 host/device configurability, the BG-EXH-100C6 offers maximum flexibility and functionality, making it the perfect solution for a KVM setup. And, with bi-directional power over cable (PoC), there's no need for a second power adaptor, saving you time and money.

The BG-EXH-100C6 can support resolutions up to 4K@60Hz 4:4:4, and boasts HDR10, HDR10+, Dolby Vision and HLG technology, ensuring unparalleled picture quality. The transmitter can also embed or de-embed audio, while the receiver supports audio de-embedding. Plus, with eARC/ARC from the receiver's HDMI output, you can enjoy top-notch audio quality on your local audio system, or opt to use the transmitter's HDMI audio only and SPDIF output ports.



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

Features



HDCP COMPATIBLE

Supports HDCP 2.2 and HDMI 2.0b.



4K QUALITY

Uncompressed 4k@60Hz 4:4:4



AUDIO TRANSMISSION

Supports LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD pass-through



AUDIO FEATURES

eARC/ARC function, SPDIF audio reverse transmission



USB 2.0 TRANSMISSION

Host/Device configurable



ENHANCED CONNECTIVITY

Bi-directional IR, RS-232, 1Gbps Ethernet signal pass-through



BG-EXH-8KC6

8K UHD HDMI/HDBASET 3.0 EXTENDER WITH IR/EARC/ARC/POC/RS-232/ETHERNET/USB AND AUDIO EMBEDDING/DE-EMBEDDING

The BG-EXH-8KC6 is an 8K HDMI and USB over HDBaseT Extender designed to extend the range of uncompressed HD/UHD video and audio signals, including eARC/ARC, RS-232, bi-directional IR, 1GbE Ethernet, and USB 2.0 signals, up to 295ft (90m) using a single CAT6A/7 cable.

This extender supports video resolutions up to 8K@30Hz 4:4:4 10bit, 4K@120Hz 4:4:4 10bit, and 4K@60Hz 4:4:4. Additionally, it incorporates eARC/ARC functionality, allowing the transmission of audio signals from the receiver HDMI output pass-through to the transmitter's HDMI input or audio de-embedding to the transmitter's output port.

The device also facilitates USB 2.0 signal transmission with configurable Host/Device settings per device and bi-directional Power over Cable (POC) functionality. For home or commercial applications requiring long-distance signal transmission, the BG-EXH-8KC6 stands out as the ideal 8K signal solution.



Check out this item on our website

Features

COMPLIANT
HDMI 2.1, HDCP 2.3, and HDBaseT 3.0 compliant

8K **8K@30HZ AND 4K@120HZ**
Video resolution is up to 8K@30Hz 4:4:4 10bit, 4K@120Hz 4:4:4 10bit

8K EXCLUSIVE FEATURES
Variable Refresh Rate (VRR), Fast as Possible V-active (FVA), Auto Low Latency Mode (ALLM) support

HDR **SMOOTH IMAGE PROCESSING**
HDR, HDR10, HDR10+, Dolby Vision and HLG pass-through

HDMI AUDIO FORMATS
Dolby Atmos, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio

ADVANCED EDID
Management through EDID DIP switches



HDMI Extenders Over COAX RG6 Cable

GO THE DISTANCE WITH HDMI EXTENDERS OVER COAXIAL

With a coax cable, you will be able to extend your HDMI signal up to 10km/6 miles! Running your HDMI signal over coaxial will not have a negative impact on your output quality. This is a great solution for those running cables between buildings or operating in very large venues. The BZBGEAR difference is, all of our equipment is made specifically for professional AV and broadcasting applications, so quality and longevity are a guarantee!

Coaxial cables are typically inexpensive, easy to install, easy to expand, durable, and have a 10Mbps capacity. By implementing an HDMI over coax extender, you are maximizing distance while retaining quality, all without breaking the bank!

Overall, HDMI Extenders over coax cables are a great choice for future-proofing your system. Simplify and improve your system today!



LONG-RANGE
UP TO 492 FT.



4K UHD



EASY INSTALLATION

BG-EXHOC

4K UHD HDMI EXTENDER OVER SINGLE COAX WITH BI-DIRECTIONAL IR

The BG-EXHOC is a 4K HDMI signal extender that increases the range of an HDMI input signal up to 110m (363ft) over a single coaxial cable. The use of coaxial cable provides a durable, inexpensive method of transmitting uncompressed HDMI signals over long distances.

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

The BG-EXHOC can extend HDMI signals to its maximum range with resolutions up to 4K2K@60Hz 4:4:4. The extender is also HDMI 2.0 compliant and supports HDCP 2.2/1.4 input and output. To achieve this level of quality, the unit sends the full uncompressed HDMI signal through the coaxial cable. Belden 1694A coaxial cable is recommended for maximum performance. The BG-EXHOC has a maximum data rate of 18Gbps and features automatic signal equalization.



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

Features

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

LONG RANGE
Extend uncompressed HDMI up to 363 feet (110m)

COMPLIANT
HDMI 2.0 and HDCP 2.2 compliant to ensure copyright protections

CONTROL
Bi-Directional IR Passthrough

MULTI-CHANNEL AUDIO SUPPORT
Dolby TrueHD, DTS-HD, Dolby Digital Plus, and LPCM 7.1

SECURE CONNECTION
Locking BNC and power connectors prevent accidental disconnects



Display Port Extenders Over Category Cable

EXTEND YOUR DISPLAY PORT SIGNAL OVER ETHERNET FOR LONGER DISTANCES

Experience seamless DisplayPort extension with the BZBGEAR BG-EXD-150C. Extend your display signal up to 100 meters using a Cat 5e/6 cable, supporting 4K@60Hz video, bi-directional IR, RS-232, and USB KVM signals.

Unlike other extenders, our device converts DP signals to HDBaseT, ensuring superior performance. With bi-directional IR pass-through, 4K2K@60Hz resolution, and DisplayPort 1.2a compliance, it offers unmatched flexibility. The BG-EXD-150C also excels in audio support, EDID management, and smart compression for visually lossless transmissions, ensuring clear and consistent visuals. Elevate your display experience with BZBGEAR's cutting-edge technology.



LONG RANGE UP TO 100M



4K UHD



KVM CONTROL

BG-EXD-150C

4K UHD DISPLAYPORT HDBASET LONG RANGE EXTENDER WITH BI-DIRECTIONAL IR RS-232 AND CEC



The BG-EXD-150C is a 4K60 DisplayPort (DP) range extender capable of transmitting DP video, bi-directional IR, and RS-232 control signals, as well as USB KVM signals. It can transmit signals over distances of up to 328ft/100m for a 4K60 signal and 492ft/150m for a 1080P signal using a single CAT6 cable.

The BG-EXD-150C converts the DP signal into a standard HDBaseT signal, transmitting it via a LAN cable. Users can easily control the signal source device or the display device using a remote, thanks to the bi-directional IR signal pass-through feature. The extender supports video resolutions of up to 4K2K@60Hz YUV 4:4:4 and also provides a bi-directional POC function.

Furthermore, with support for DisplayPort 1.2, this extender facilitates the transmission of visually lossless 4K Ultra HD resolutions, making it ideal for striking digital signage or detailed content in medical settings. The extender is also compatible with lossless audio formats, including Dolby TrueHD and DTS-HD, enhancing video content with powerful multi-channel sound, thus elevating the viewer's experience. The USB KVM connectivity ensures full control of a DisplayPort PC from a local console, which can be kept in a secure or temperature-controlled environment, all while seamlessly delivering consistent video content to the display.



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Features



COMPLIANT

DisplayPort 1.2a and HDCP 2.2 compliant



4K UHD

Video resolution up to 4K2K@60Hz YUV 4:4:4



LONG RANGE

Signal transmission distance up to 328ft/100m for 4K60 signals or 492ft/150m for 1080P signals via a single CAT6 cable



AUDIO FORMATS

LPCM 2.0 (96KHz), Dolby Digital Plus 5.1CH and DTS-HD Master 7.1CH



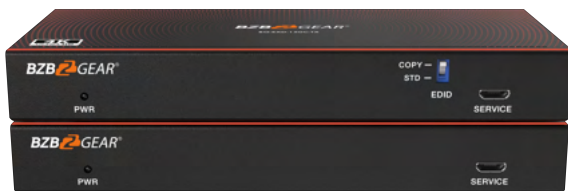
INTUITIVE CONTROL

Control a remote DisplayPort PC via keyboard and mouse with the KVM function



COMPACT DESIGN

For easy and flexible installation



KVM/USB Extenders over Category Cable

ADVANCED KVM/USB EXTENDERS OVER CATEGORY CABLE

BZBGEAR KVM Extenders enable users to remotely control a computer from a display located in a separate location up to 70 meters away. Additionally, users will be able to find their computer out of sight and maximize their available work area! Similarly, BZBGEAR USB Extenders allow users to connect USB 2.0 peripherals at distances up to 100 meters/330 feet. Devices like printers, scanners, media players, and external storage drives can be placed in convenient locations, eliminating unnecessary workspace clutter. Whether you need to extend your workspace or organize it, we have the solution for you!

The remote access abilities that KVM extenders provide allow for the safeguarding of critical computers. These computers can be placed in a secure location to protect them from theft, damage, or unauthorized users. When combined with a switching power supply, access to the control station can be monitored.

Overall, KVM/USB Extenders over Category can greatly improve workspaces, strengthen security and provide cleaner setups.



LONG-RANGE
UP TO 230 FT.



4K 4K UHD



EASY INSTALLATION

BG-USB-LR100

2-PORT USB 2.0 EXTENDER OVER A SINGLE CAT5E/6/7 CABLE UP TO 330FT

The BG-USB-LR100 device is designed to extend the reach of your PC's USB 2.0 port, enabling you to connect peripheral devices at distances up to 100 meters (328 feet). With a data transfer rate of up to 480 Mb/s, this device allows for fast and reliable connectivity via a single category cable. Whether you need to connect remote security keypads, web cameras, printers, or any other USB peripheral devices beyond the 15ft limitation of a standard USB cable, the BG-USB-LR100 is the solution for you. Enjoy seamless performance and increased flexibility in a wide range of applications with this innovative device.

The BG-USB-LR100 comes with a locking power supply, ensuring the device stays securely connected and powered on. This is especially useful in environments where the device may be subject to movement or jostling, as it helps prevent accidental disconnection of the power supply.

The BG-USB-LR100 has a compact design, making it easy to transport and use in various settings. Whether you're working in a small office or a large industrial space, the compact size of the BG-USB-LR100 means that it won't take up too much space on your desk or work area.



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Features



PLUG AND PLAY
No drivers needed



USB 2.0
480Mb/s transfer speed



LONG RANGE
Extends USB 2.0 signal up to 328 feet



INTEGRATED USB HUB
Share a single USB connection with two devices at a long distance



RUGGED DESIGN
Durable metal enclosure designed to last for years of operation



POC
Power over Cable eliminates the need for a second power supply



BG-EXH-100C6

4K UHD HDMI/HDBASET 3.0 EXTENDER WITH IR/EARC/ARC/POC/RS-232/ETHERNET/USB AND AUDIO EMBEDDING/DE-EMBEDDING UP TO 330FT

Experience unparalleled audio and video transmission with the BG-EXH-100C6 HDBaseT 3.0 extender by BZBGEAR. This state-of-the-art device unleashes uncompressed HD/UHD audio and video, along with eARC/ARC, RS-232, bi-directional IR, 1Gb Ethernet, and USB 2.0 signals up to an impressive distance of 328ft(100m) using just a single CAT6A/7 cable. With USB 2.0 host/device configurability, the BG-EXH-100C6 offers maximum flexibility and functionality, making it the perfect solution for a KVM setup. And, with bi-directional power over cable (PoC), there's no need for a second power adaptor, saving you time and money.

The BG-EXH-100C6 can support resolutions up to 4K@60Hz 4:4:4, and boasts HDR10, HDR10+, Dolby Vision and HLG technology, ensuring unparalleled picture quality. The transmitter can also embed or de-embed audio, while the receiver supports audio de-embedding. Plus, with eARC/ARC from the receiver's HDMI output, you can enjoy top-notch audio quality on your local audio system, or opt to use the transmitter's HDMI audio only and SPDIF output ports.



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Features



HDCP COMPATIBLE

Supports HDCP 2.2 and HDMI 2.0b.



4K QUALITY

Uncompressed 4k@60Hz 4:4:4



AUDIO TRANSMISSION

Supports LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD pass-through



AUDIO FEATURES

eARC/ARC function, SPDIF audio reverse transmission



USB 2.0 TRANSMISSION

Host/Device configurable



ENHANCED CONNECTIVITY

Bi-directional IR, RS-232, 1Gbps Ethernet signal pass-through



BG-EXH-8KC6

8K UHD HDMI/HDBASET 3.0 EXTENDER WITH IR/EARC/ARC/POC/RS-232/ETHERNET/USB AND AUDIO EMBEDDING/DE-EMBEDDING

The BG-EXH-8KC6 is an 8K HDMI and USB over HDBaseT Extender designed to extend the range of uncompressed HD/UHD video and audio signals, including eARC/ARC, RS-232, bi-directional IR, 1GbE Ethernet, and USB 2.0 signals, up to 295ft (90m) using a single CAT6A/7 cable.

This extender supports video resolutions up to 8K@30Hz 4:4:4 10bit, 4K@120Hz 4:4:4 10bit, and 4K@60Hz 4:4:4. Additionally, it incorporates eARC/ARC functionality, allowing the transmission of audio signals from the receiver HDMI output pass-through to the transmitter's HDMI input or audio de-embedding to the transmitter's output port.

The device also facilitates USB 2.0 signal transmission with configurable Host/Device settings per device and bi-directional Power over Cable (POC) functionality. For home or commercial applications requiring long-distance signal transmission, the BG-EXH-8KC6 stands out as the ideal 8K signal solution.



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Features

COMPLIANT
HDMI 2.1, HDCP 2.3, and HDBaseT 3.0 compliant

8K **8K@30HZ AND 4K@120HZ**
Video resolution is up to 8K@30Hz 4:4:4 10bit, 4K@120Hz 4:4:4 10bit

8K EXCLUSIVE FEATURES
Variable Refresh Rate (VRR), Fast as Possible V-active (FVA), Auto Low Latency Mode (ALLM) support

HDR **SMOOTH IMAGE PROCESSING**
HDR, HDR10, HDR10+, Dolby Vision and HLG pass-through

HDMI AUDIO FORMATS
Dolby Atmos, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio

ADVANCED EDID
Management through EDID DIP switches



Fiber Optic Extenders

FEATURE PACKED FIBER OPTIC EXTENDERS

It's data transmission in the form of light! The distance limitations imposed by modern A/V connections pose challenges when attempting to install equipment across large campuses. BZBGEAR Fiber Optic extenders solve this problem, enabling SDI/HDMI signals to be transmitted at distances up to 10km (6.2 miles) over a single-mode fiber connection! How does this work? Your HDMI or SDI signal will be transmitted over a fiber optic cable. This will enable your fiber optic cable to carry and output your HDMI/SDI signal to a display.

When you need to supercharge your video signal, fiber optic extenders are the answer. Sending A/V signals over fiber optics greatly increases transmission rates and distances. Furthermore, all BZBGEAR equipment is designed and manufactured for professional applications, so quality and longevity are guaranteed.

Overall, BZBGEAR fiber optic extenders are your best choice for transferring SDI/HDMI signals at extreme distances. Contact a BZBGEAR representative and get set up today!



**EXTREME-RANGE
UP TO 6.25 MILES**



4K UHD



LOCKING CABLES

BG-FES12G

4K UHD 12G SDI OVER SINGLE MODE SFP-TYPE FIBER OPTIC EXTENDER (NO SFP, SUPPORTS 12G/6G/3G/HD/SD-SDI)

The BG-FES12G is an advanced SDI extender that enables the extension of multiple SDI formats (12G/6G/3G/HD) with embedded audio up to a distance of 10 km (6.25 miles) over a single-mode fiber optic cable. With transmission speeds of up to 11.88 Gbps, this device ensures fast and reliable signal transmission for your SDI applications.

The transmitter and receiver units of this extender both feature equalizing and re-clocking functions, which help to maintain consistent signal quality over long distances. Additionally, the transmitter includes a handy SDI loop-out port for local display. The locking power supply featured on both units ensures a secure and reliable connection, giving you peace of mind and worry-free operation.

With the BG-FES12G, you can enjoy exceptional signal quality and reliable performance for all your SDI applications, whether it's for broadcasting, post-production, or live events.



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Features



4K/60 4:4:4 SUPPORT

Ultra HD refers to a TV resolution of 3840 x 2160 pixels



MULTIPLE SDI FORMATS

12G/6G/3G/HD/SD



HIGH-BANDWIDTH

Up to 11.88 Gbps



EXTREME RANGE

Extend signal up to 10 km/6.25 miles



FIBER-OPTIC CONNECTION

Single-Mode SFP



LOCKING CABLES

Ensures reliable connection for power and video



BG-EXUF

4-PORT USB3.1/2.0/1.1 SUPERSPEED FIBER EXTENDER UP TO 1000FT

The BZBGEAR BG-EXUF is a 4-port fiber optic USB 3.1/2.0/1.1 extender that extends USB 3.1 up to 328ft (100m) and USB 2.0/1.1 up to 6.2mi (10Km) over single-mode or multi-mode fiber optic cabling. Designed with a four-port hub to extend up to four USB devices without the need for an additional device. Each port supports data transfer speeds up to 5Gbps (USB 3.1).

Installation and use of the BG-EXUF is effortless with four mounting holes built into its sturdy metal chassis and no requirements for drivers. The advanced optical fiber transmission technology eliminates electromagnetic interference.

The BG-EXUF features LED status lights that provide users with real-time feedback on the device's operational status. The LEDs indicate when the device is powered on, connected to a fiber optic cable, and transmitting data, making it easy to troubleshoot issues and ensure optimal performance.



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Features



LOCKING POWER CONNECTOR

Prevents power from accidentally coming unplugged



USB 3.1

4 USB 3.1 ports



FAST TRANSFER SPEEDS

Up to 5Gbps using USB 3.1



LED STATUS LIGHTS

Easily see system link status at a glance



DURABLE ENCLOSURE

Metal housing designed to last for years



EXTREME RANGE

Send USB 3.1 up to 100m (328ft) and USB 2.0/1.1 up to 6.2mi (10km)



BG-UHD-18GFE

4K HDMI USB KVM EXTENDER KIT OVER FIBER W/HDR, 2-WAY IR & RS-232 & TAA COMPLIANT (NO SFP)



The BZBGEAR BG-UHD-18GFE is a premium 4K HDMI KVM extender that provides reliable, lossless, and latency-free transmission of uncompressed 4K@60Hz 4:4:4 HDMI video with USB 2.0. Operating over single-mode fiber optic cabling, this extender is capable of transmitting signals up to 6.25 miles (10km), making it an ideal solution for remote workstations and large-scale installations that demand high-quality video and KVM control over long distances.

Designed to meet TAA compliance requirements, the BG-UHD-18GFE delivers robust and secure performance that meets the stringent demands of government agencies, military installations, and large campuses. Supporting 18Gbps HDMI transmission rates, the extender provides lossless video with zero latency, ensuring that video and KVM control remain in perfect sync. With HDMI 2.0 ports that are HDCP 2.2 compliant and support for HDR video signals, this extender delivers stunning visuals with uncompromising clarity and detail. In addition to video and KVM functionality, the BG-UHD-18GFE is equipped with RS-232 and bi-directional IR pass-through, providing enhanced control and flexibility for a wide range of applications.



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Features

4K CRYSTAL CLEAR IMAGES
Supports 4K@60 HDR (4:4:4)

FIBER-OPTIC
Single-mode SFP connection provides pure signal over extreme distances

USB 2.0
Connect 2 remote USB devices

RS-232
Supports RS-232 passthrough to extend control signals

IR PASSTHROUGH
Full 2-way IR passthrough

LONG RANGE
Extends HDMI up to 6.25 miles (10km)



BG-EXH-8KF

8K UHD HDMI OVER FIBER EXTENDER WITH IR AND RS-232

Introducing the BG-EXH-8KF, a cutting-edge HDMI over Fiber extender that redefines your audiovisual experience. This advanced extender is HDMI 2.1 and HDCP 2.3 compliant, ensuring seamless connectivity and support for the latest technologies.

The BG-EXH-8KF HDMI over Fiber extender is a cutting-edge solution that caters to gamers, home theater enthusiasts, and professional integrators alike. With support for advanced gaming features like VRR, ALLM, QMS, QFT, and SBTM, gamers can enjoy a seamless and immersive experience. Home theater enthusiasts benefit from unparalleled video quality, including 8K@60 4:2:0 12bit and 4K@120Hz 4:4:4 12bit video transmission, along with comprehensive HDR support for vivid visuals.

Professional integrators appreciate its flexibility with compatibility across multimode fiber grades, auto-downscaling features, and versatile audio format support. Designed for hassle-free installation, the extender allows HDMI signal extension up to 300 meters, ensuring uncompromised quality and reliability.



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Features



COMPLIANT
HDMI 2.1, HDCP 2.3 compliant



8K 8K & 4K@120Hz
Supports 8K@60 4:2:0 12bit,
4K@120Hz 4:4:4 12bit



MULTIPLE AUDIO FORMATS
Supports HDMI audio formats including Dolby Atmos, Dolby TrueHD, Dolby



HDMI 2.1 EXCLUSIVE FEATURES
VRR, ALLM, QMS, QFT, and SBTM are supported



CONTROL OPTIONS
Bi-directional IR & RS-232 pass-through, EDID management



LONG DISTANCE
Extend your 8K or 4K@120Hz signal up to 300M



HDMI Splitters

HIGH-QUALITY HDMI SPLITTERS

BZBGEAR HDMI signal splitters are designed to share a single HDMI source with multiple displays. HDMI splitters remove the need for multiple source devices, simplifying installation and adding reliability to a system. The inclusion of an HDMI splitter in your system design also creates a single point of connection for all of your displays, easing troubleshooting and eliminating the messy wiring and clutter that multiple source devices can create.

With BZBGEAR HDMI splitters, splitting your HDMI signal will not result in reduced quality. Our signal splitters simply copy the digital signal, so you can still expect resolutions up to 4K at 60Hz.

Overall, BZBGEAR HDMI splitters make signal splitting simple and efficient. With our large-scale splitters, you can share an HDMI signal with up to 24 displays! Contact a BZBGEAR representative today to get set up.



LARGE-SCALE
SPLITTERS

4K

4K UHD



ADVANCED EDID
MANAGEMENT

BG-DA-1X2AS

1X2 4K UHD HDMI SPLITTER WITH DOWN-SCALER W/DIGITAL AND ANALOG AUDIO OUTPUT

The BG-DA-1X2AS is a high-performance HDMI splitter designed for professional applications. It offers the ability to split one 4K@60Hz input signal into two lossless copies, making it perfect for sharing a single device with two displays. The splitter supports resolutions up to 4K@60Hz 4:4:4 and HDCP 2.2, providing exceptional picture quality and stability.

One of the key features of the BG-DA-1X2AS is its selectable 4K to 1080P downscaler for each output, which allows for compatibility with legacy displays. The splitter also features EDID settings, which can be easily configured to COPY or AUTO modes, to help ensure more stable and seamless HDMI connections in different display situations.

In addition to its video capabilities, the BG-DA-1X2AS also provides audio extraction via optical and 3.5mm stereo outputs, enabling it to send signals to external audio systems. The splitter supports a variety of 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, making it an ideal choice for professional audio and video installations.



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Features

4K 4K SUPPORT

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



AUDIO EXTRACTION

HDMI audio extraction via optical and 3.5mm ports



HDCP 2.2

High-Bandwidth Digital Content Protection Supported



DOWNSCALING

Selectable 4K to 1080P downscaling feature



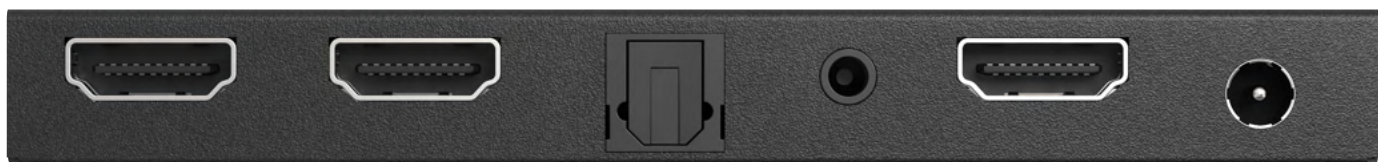
EDID

EDID dip switches ensure each output maintains a stable connection



EASY TO USE

Simple for anyone to learn



BG-DA-1X4AS

1X4 4K UHD HDMI SPLITTER WITH DOWN-SCALER W/DIGITAL AND ANALOG AUDIO OUTPUT

The BG-DA-1X4AS is a high-performance HDMI splitter designed for professional applications. It offers the ability to split one 4K@60Hz input signal into four lossless copies, making it perfect for sharing a single device with four displays. The splitter supports resolutions up to 4K@60Hz 4:4:4 and HDCP 2.2, providing exceptional picture quality and stability.

One of the key features of the BG-DA-1X4AS is its selectable 4K to 1080P downscaler for each output, which allows for compatibility with legacy displays. The splitter also features EDID settings, which can be easily configured to COPY or AUTO modes, to help ensure more stable and seamless HDMI connections in different display situations.

In addition to its video capabilities, the BG-DA-1X4AS also provides audio extraction via optical and 3.5mm stereo outputs, enabling it to send signals to external audio systems. The splitter supports a variety of 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, making it an ideal choice for professional audio and video installations.



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Features

4K **CRYSTAL CLEAR IMAGES**
Images with resolutions up to 4K@60Hz

MULTIPLE OUTPUTS
Route once source to four separate HDMI outputs

DOWNSCALING
Control individual outputs to downscale from 4K to 1080P using dipswitches

DURABLE
Sturdy metal structure built to withstand years of operation

HDCP 2.2
High-Bandwidth Digital Content Protection Supported

AUDIO DE-EMBEDDING
De-embed audio from HDMI and output via S/PDIF or 3.5mm



BG-UHD-DA2X8

2X8 4K UHD HDMI SPLITTER/DISTRIBUTION AMPLIFIER W/CEC TURN ON/OFF TV

The BG-UHD-DA2X8 is an 8-way 4K HDMI splitter with two inputs. With a maximum resolution of 4K@60Hz, this unit makes it easy for users to share two 4K sources with up to 8 displays. This device is a simple, cost-effective solution for restaurants, bars, and retail spaces.

The BG-UHD-DA2X8 supports resolutions up to 4K@60Hz (4:4:4). This device is also compliant with HDCP 2.2 and HDMI 2.0. With the automatic 4K to 1080P downscaling feature, legacy displays can easily be integrated with no extra setup required. The integrated equalizer ensures stable signal is sent to all outputs, while the EDID management provides stable HDMI connections to all displays.

Audio Extraction is provided via the stereo RCA and Toslink connections, allowing the BG-UHD-DA2X8 to be connected to an external audio system. CEC control allows the splitter to turn compatible displays on, off, and adjust volume levels for easy centralized control.



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Features

4K 4K SUPPORT

Supports resolutions up to 4K@60Hz with 4:4:4 Chroma sampling



VIDEO SCALING

Supports 4K to 1080p down-scaling



CUSTOMIZABLE EDID

Eliminates HDMI connection issues



VOLUME CONTROL

Easily adjust audio output signal levels



DUAL INPUT

Easily toggle between sources



AUDIO DE-EMBEDDING

Features RCA Stereo and Toslink outputs



BG-UHD-DA1X16

1X16 4K UHD HDMI SPLITTER/DISTRIBUTION AMPLIFIER WITH DOWNSCALING AND AOC SUPPORTED

The BG-UHD-DA1X16 is a sixteen port 4K HDMI splitter. Providing connectivity for up to sixteen 4K displays, this device is perfect for large restaurants, bars, and retail spaces with multiple displays sharing a common video feed.

The BG-UHD-DA1X16 supports a maximum input resolution of 4K@60Hz 4:4:4. It is HDCP 2.2 compliant and supports enhanced video formats including HDR 10 and Dolby Vision. With active optical cable (AOC) HDMI support, this device can be used with long-distance AOC HDMI cable runs of up to 165 feet.

The auto-downscaling function of the BG-UHD-DA1X16 provides compatibility with legacy 1080P displays. This helps eliminate compatibility issues and helps the device play nice with lower resolution screens. The device is also HDCP 2.2 compliant. When used with compatible displays, the HDMI CEC control function of the BG-UHD-DA1X16 can control power on and off for connected displays.



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Features

4K **CRYSTAL CLEAR IMAGES**
Images with resolutions up to 4K@60Hz

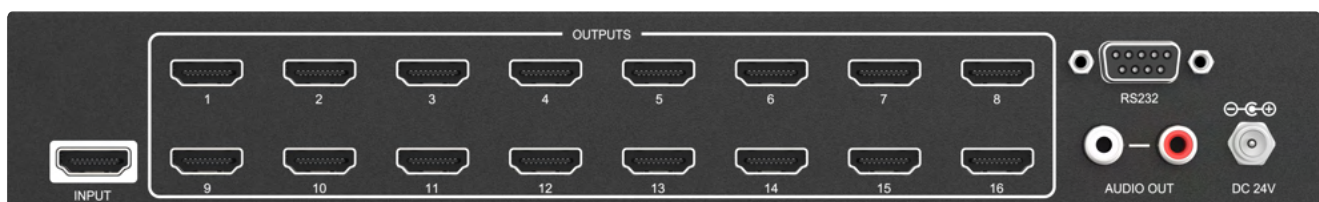
MULTIPLE OUTPUTS
Route once source to as many as 16 HDMI outputs

DOWNSCALING
Automatic downscaling to 1080p for legacy displays

DURABLE
Sturdy metal structure built to withstand years of operation

HDCP 2.2
High-Bandwidth Digital Content Protection Supported

AUDIO DE-EMBEDDING
De-embed audio from HDMI and output via Stereo RCA



BG-UHD-DA1X24

1X24 4K UHD HDMI SPLITTER/DISTRIBUTION AMPLIFIER WITH DOWNSCALING AND AOC SUPPORTED

The BG-UHD-DA1X24 is a twenty-four port 4K HDMI splitter. Providing connectivity for up to twenty-four 4K displays, this device is perfect for large restaurants, bars, and retail spaces with multiple displays sharing a common video feed.

The BG-UHD-DA1X24 supports a maximum input resolution of 4K@60Hz 4:4:4. It is HDCP 2.2 compliant and supports enhanced video formats including HDR 10 and Dolby Vision. With active optical cable (AOC) HDMI support, this device can be used with long-distance AOC HDMI cable runs of up to 165 feet.

The auto-downscaling function of the BG-UHD-DA1X24 provides compatibility with legacy 1080P displays. This helps eliminate compatibility issues and helps the device play nice with lower resolution screens. The device is also HDCP 2.2 compliant. When used with compatible displays, the HDMI CEC control function of the BG-UHD-DA1X24 can control power on and off for connected displays.



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Features

4K **CRYSTAL CLEAR IMAGES**
Images with resolutions up to 4K@60Hz

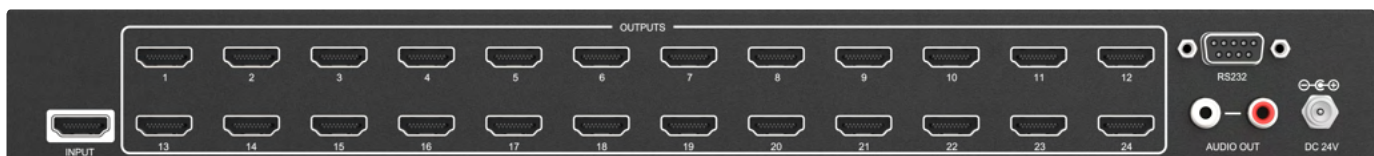
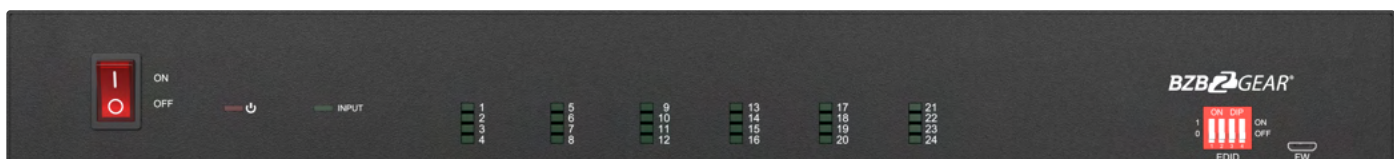
MULTIPLE OUTPUTS
Route once source to as many as 16 HDMI outputs

DOWNSCALING
Automatic downscaling to 1080p for legacy displays

DURABLE
Sturdy metal structure built to withstand years of operation

HDCP 2.2
High-Bandwidth Digital Content Protection Supported

AUDIO DE-EMBEDDING
De-embed audio from HDMI and output via Stereo RCA



SDI Splitters

HIGH-QUALITY SDI SPLITTERS

BZBGEAR HD SDI splitters are designed to share a single SDI source to multiple displays. These devices are designed with independently buffered and re-clocked outputs to eliminate jitter and extend SDI transmission distance. This results in lossless splitting, preserving video quality for all connected displays. With support for 12G SDI, BZBGEAR SDI splitters provide connectivity for multiple displays at resolutions up to 4K@60Hz, ensuring you deliver pristine image quality to your viewers.

With BZBGEAR SDI splitters, splitting your SDI signal will not result in reduced quality. Our signal splitters simply copy the digital signal, so you can still expect resolutions up to 4K at 60Hz.

Overall, BZBGEAR SDI splitters make signal splitting simple and efficient. Select models will enable you to share your SDI signal with up to 8 displays! Contact a BZBGEAR representative today to get set up.



SUPPORTS MULTIPLE
SDI FORMATS



4K UHD



BUFFERED AND RE-CLOCKED
OUTPUTS

BG-DA-12GS1X2

4K UHD 12G-SDI 1X2 SPLITTER/DISTRIBUTION AMPLIFIER

The BG-DA-12GS1X2 is a 1x2 12G-SDI splitter. This device can split an SD, HD, 3G, 6G, or 12G-SDI video source to two SDI outputs simultaneously. For any situation where range, quality, consistency, and reliability are all factors, this unit is the correct choice. Whether you need to connect additional displays for video feed monitoring, distribute a 4K signal over a long distance, or daisy chain and cascade multiple units to build a large scale video distribution solution - the BG-DA-12GS1X2 will help you get the job done.

Each output from the BG-DA-12GS1X2 is buffered independently and re-locked eliminating signal disruption and making it possible to extend signal transmission to greater distances. With automatic input cable equalization, 12G-SDI signal can be transmitted up to 70m (230 ft), 6G up to 100m (330 ft), and up to 180m (594 ft) for 3G connections.



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Features



MULTIPLE OUTPUTS

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



BUFFERED AND RE-LOCKED OUTPUTS

Eliminate jitter and increase transmission distance



4K SPLIT AND AMPLIFY

Split and extend a 4K signal up to 230ft (12G)



LED INDICATORS

Signal lock and video rate at a glance



INTERLOCKED POWER SUPPLY

Ensures power stays connected



RUGGED DESIGN

Durable metal structure built to withstand years of operation

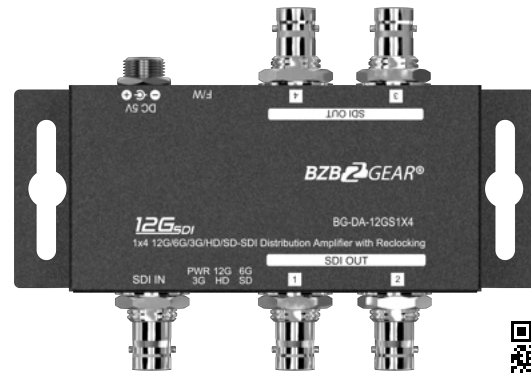


BG-DA-12GS1X4

4K UHD 12G-SDI 1X4 SPLITTER/DISTRIBUTION AMPLIFIER

The BG-DA-12GS1X4 is a 1x4 12G-SDI splitter and distribution amplifier. This device can split an SD, HD, 3G, 6G, or 12G-SDI video source up to four SDI outputs simultaneously. For any situation where range, quality, consistency, and reliability are all factors, this unit is the correct choice. Whether you need to connect additional displays for video feed monitoring, distribute a 4K signal over a long distance, or daisy chain and cascade multiple units to build a large scale video distribution solution - the BG-DA-12GS1X4 will help you get the job done.

The device has a maximum SDI bandwidth of 11.88 Gbps to support high quality video transmission with low latency when splitting video to multiple outputs. Installers can also utilize the device's LED indicators that show the status of signal lock and current video rate to reduce the amount of time system configuration is needed.



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Features



MULTIPLE OUTPUTS

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



BUFFERED AND RE-CLOCKED OUTPUTS

Eliminate jitter and increase transmission distance



4K SPLIT AND AMPLIFY

Split and extend a 4K signal up to 230ft (12G)



LED INDICATORS

Signal lock and video rate at a glance



INTERLOCKED POWER SUPPLY

Ensures power stays connected



RUGGED DESIGN

Durable metal structure built to withstand years of operation

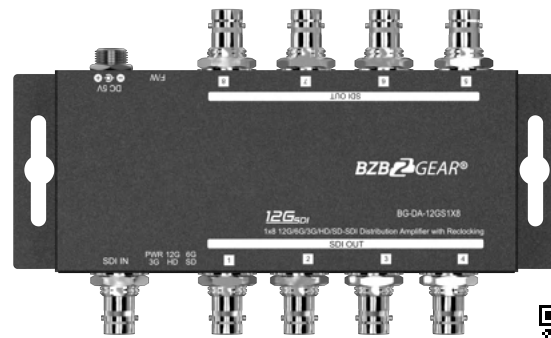


BG-DA-12GS1X8

4K UHD 12G-SDI 1X8 SPLITTER/DISTRIBUTION AMPLIFIER

The BG-DA-12GS1X8 is a 1x8 12G-SDI splitter and distribution amplifier. This device can split an SD, HD, 3G, 6G, or 12G-SDI video source up to eight SDI outputs simultaneously. For any situation where range, quality, consistency, and reliability are all factors, this unit is the correct choice. Whether you need to connect additional displays for video feed monitoring, distribute a 4K signal over a long distance, or daisy chain and cascade multiple units to build a large scale video distribution solution - the BG-DA-12GS1X8 will help you get the job done

Each output from the BG-DA-12GS1X8 is buffered independently and re-clocked eliminating signal disruption and making it possible to extend signal transmission to greater distances. With automatic input cable equalization, 12G-SDI signal can be transmitted up to 70m (230 ft), 6G up to 100m (330 ft), and up to 180m (594 ft) for 3G connections.



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

Features



8 OUTPUTS

Split a single SDI source up to 8 different SDI displays or devices



BUFFERED AND RE-CLOCKED OUTPUTS

Eliminate jitter and increase transmission distance



4K SPLIT AND AMPLIFY

Split and extend a 4K signal up to 230ft (12G)



LED INDICATORS

Signal lock and video rate at a glance



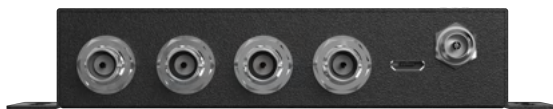
INTERLOCKED POWER SUPPLY

Ensures power stays connected



RUGGED DESIGN

Durable metal structure built to withstand years of operation



HDMI Signal Fixers

MOST DEPENDABLE HDMI SIGNAL FIXERS

The HDMI signal fixer is a very useful tool for extracting and embedding audio from HDMI sources. This device also features EDID dip switches with the ability to lock the video signal to various formats to ensure great signal quality. This device will make sure your video and audio content are running smoothly!

What is EDID? EDID is what enables your display devices and your sources to communicate their capabilities to each other. With HDMI EDID management, you will be able to monitor EDID for your HDMI sources and displays. The EDID dip switches lock the video signal to various formats to ensure signal quality. In short, EDID management just helps you ensure that everything is working properly at all times.

Overall, BZBGEAR HDMI signal fixers are the perfect tools for ensuring your system is running smoothly and performing at its best. Contact a BZBGEAR representative and start getting the best out of your system today!



EDID CONTROL



MULTIPLE AUDIO FORMATS



HDCP 2.2 COMPLIANT

BG-AEE

4K UHD HDMI SIGNAL FIXER AND AUDIO EMBEDDER & DE-EMBEDDER

The BG-AEE is a HDMI 2.0 Audio Extractor and Embedder. It has two modes: audio extraction via L/R output from HDMI input source, and the other mode is for removing the original audio of HDMI source and embedding auxiliary audio via L/R input to the HDMI output. It also features EDID dip switches with the ability to lock the video signal to various formats to ensure signal quality.

- Supports full 3D format
- Audio embed to HDMI output
- Audio de-embedded from HDMI input
- CEC and ARC pass through
- Relock and enhance output signal quality
- ESD protection



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

Features



STUNNING 4K@60HZ
Delivers the ultimate in clarity



HDR
Supports HDR for rich colorful images



AUDIO EMBEDDING
Embed audio to a video through a 3.5mm mini jack



EDID CONTROL
Lock in and manage resolutions using EDID dip switches



AUDIO FORMATS
Supports audio formats PCM, Dolby, and DTS



HDCP 2.2
High-Bandwidth Digital Content Protection Supported



Long-Range HDMI Splitters

INDUSTRY-LEADING LONG-RANGE HDMI SPLITTERS

BZBGEAR long-range HDMI splitters are designed to share a single HDMI source with multiple distant displays. These devices remove the need for numerous source devices, simplify installation, and add reliability to a system. Including a long-distance HDMI splitter in your system design also creates a single point of connection for all of your displays, easing troubleshooting and eliminating the messy wiring and clutter that multiple source devices can create.

BZBGEAR long-distance HDMI splitters come bundled with HDMI extenders, allowing you to send video signals well beyond the 50-foot distance limitation of standard HDMI cables.

Overall, BZBGEAR long-range HDMI splitters make long-distance signal splitting simple and efficient. Select models are HDBaseT compliant, adding additional features and increased reliability. Contact a BZBGEAR representative today and take the first step toward improving your system!



LONG-RANGE
UP TO 120/150 METERS



4K UHD



AUDIO EXTRACTION

BG-UDAIC-E14

1X4 4K UHD HDMI SPLITTER/DISTRIBUTION AMPLIFIER UP TO 230FT OVER CATEGORY CABLE W/ IR/RS232 AND AUDIO DE-EMBEDDING

The BG-UDAIC-E14 by BZBGEAR is a high-performance extender/splitter kit that enables users to distribute one HDMI input to up to four extender outputs and extend signals up to 70 meters (230 feet) with CAT 6/6A/7 network cables. This solution is ideal for transmitting audio and video signals from a source located at a remote distance, providing reliable and zero-latency connectivity without compromising on quality. The BG-UDAIC-E14 supports resolutions up to 4K@60Hz, delivering stunning visuals with uncompromising clarity and precision. The extender/splitter kit offers zero-latency transmission, ensuring that audio and video sync perfectly without any noticeable delay.

Moreover, the receivers can output digital audio from the display (ARC) or from the source device via the S/PDIF port. HDMI loop out is also available. The extender/splitter kit offers bi-directional IR passthrough via IR blaster and IR receivers, enabling users to control equipment regardless of distances or obstacles. EDID passthrough and manual EDID setup with a dip-switches is available ensuring correct image resolutions. RS-232 passthrough is also supported.



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

Features



CRYSTAL CLEAR IMAGES

Supports resolutions up to 4K@60Hz



ARC

Audio Return Channel support



CONTROL

Bi-Directional IR Passthrough



LONG RANGE

Transmit 4K HDMI signals up to 70m via CAT 6/6A/7



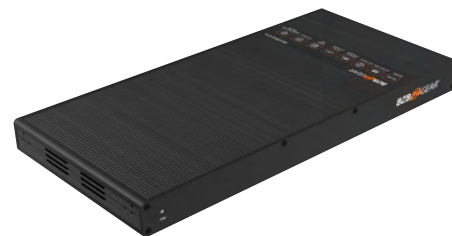
HDCP 2.2

High-Bandwidth Digital Content Protection Supported



AUDIO DE-EMBEDDING

Digital audio provided via TOSLINK connector on receiver



BG-UDAIC-E18

1X8 4K UHD HDMI SPLITTER/DISTRIBUTION AMPLIFIER UP TO 230FT OVER CATEGORY CABLE W/ IR/RS232 AND AUDIO DE-EMBEDDING

The BG-UDAIC-E18 by BZBGEAR is a high-performance extender/splitter kit that enables users to distribute one HDMI input to up to eight extender outputs and extend signals up to 70 meters (230 feet) with CAT 6/6A/7 network cables. This solution is ideal for transmitting audio and video signals from a source located at a remote distance, providing reliable and zero-latency connectivity without compromising on quality. The BG-UDAIC-E18 supports resolutions up to 4K@60Hz, delivering stunning visuals with uncompromising clarity and precision. The extender/splitter kit offers zero-latency transmission, ensuring that audio and video sync perfectly without any noticeable delay.

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

Features



CRYSTAL CLEAR IMAGES
Supports resolutions up to 4K@60Hz



ARC
Audio Return Channel support



CONTROL
Bi-Directional IR Passthrough



LONG RANGE
Transmit HDMI signals up to 70m



HDCP 2.2
High-Bandwidth Digital Content Protection Supported



AUDIO DE-EMBEDDING
Digital audio provided via TOSLINK connector on receiver



BG-UDA-E14

1X4 4K UHD HDMI HDBASET SPLITTER/DISTRIBUTION AMPLIFIER OVER CATEGORY CABLE (KIT, INCLUDES 4X RX)

The BG-UDA-E14 is a 1x4 4K HDBaseT splitter/extender kit. Supporting resolutions up to 4K@60Hz, users can extend HDMI sources over category 6 cabling at distances up to 390 feet, or up to 490 feet at 1080P@60Hz with the included HDBaseT extenders. With the ability to connect to one local and four remote displays, this unit is ideally suited for use in restaurants, sports bars, retail spaces, and auditoriums.

The BG-UDA-E14 supports a maximum resolution of 4K@60Hz 4:4:4. Compliant with HDMI 2.0b, HDCP 2.2, and HDCP 1.x, the transmitter offers EDID management to eliminate HDMI connection problems. The transmitter is equipped with an HDMI loop out connection for connection to a local display. One digital coax and one analog audio phoenix connector provide audio extraction from the source for connection to an external sound system.



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

Features



4K@60 4:4:4 SUPPORT
Ultra HD refers to a TV resolution of 3840 x 2160 pixels



MULTI-CHANNEL AUDIO
Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master



POWER OVER CABLE
Receivers need no power supply



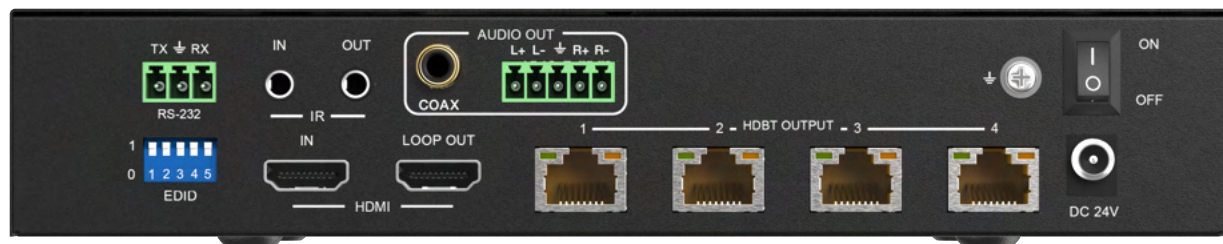
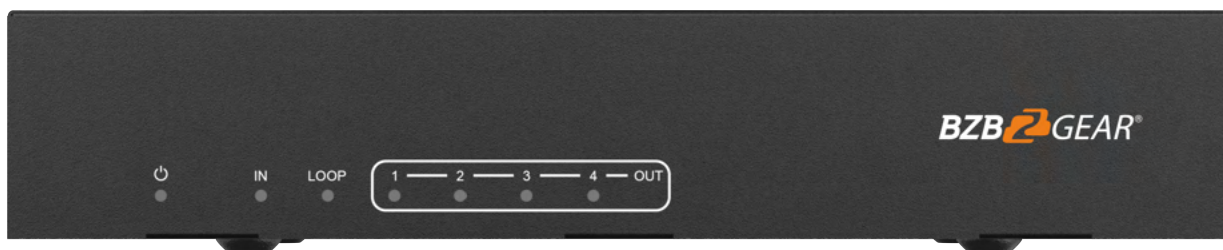
LONG-DISTANCE
Transmit signal up to 120 meters (390 feet)



COMPACT DESIGN
Slim components make a clean installation easy



EDID CONTROL
Multiple selectable EDID modes ensure reliable connectivity



BG-UDA-E18

1X8 4K UHD HDBASET SPLITTER/DISTRIBUTION AMPLIFIER OVER CATEGORY CABLE (KIT, INCLUDES 8X RX)

The BG-UDA-E18 is a 1x8 4K HDBaseT splitter/extender kit. Supporting resolutions up to 4K@60Hz, users can extend HDMI sources over category 6 cabling at distances up to 390 feet, or up to 490 feet at 1080P@60Hz with the included HDBaseT extenders. With the ability to connect to one local and eight remote displays, this unit is ideally suited for use in restaurants, sports bars, retail spaces, and auditoriums.

Each receiver features Power over Ethernet, eliminating the need for a power supply at the display-end and enabling a clean installation. Each receiver has a 3.5mm stereo output for connection to a local sound source. The slim design of the receivers helps them fit behind the displays, and each one is equipped with RS-232 passthrough and bi-directional IR passthrough for integration with control systems.



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

Features

4K **4K@60 4:4:4 SUPPORT**
Ultra HD refers to a TV resolution of 3840 x 2160 pixels

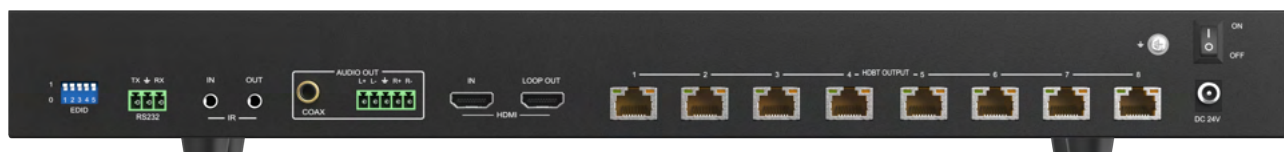
MULTI-CHANNEL AUDIO
Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master

POWER OVER CABLE
Receivers need no power supply

LONG-DISTANCE
Transmit signal up to 120 meters (390 feet)

COMPACT DESIGN
Slim components make a clean installation easy

EDID CONTROL
Multiple selectable EDID modes ensure reliable connectivity



Streaming Capture Devices

CAPTURE & CONVERTING DEVICES

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

BZBGEAR offers a diverse range of capture cards to cater to different requirements. Our product lineup begins with premium 1080P@60Hz capture devices and extends to state-of-the-art 4K@120Hz capture devices, showcasing the forefront of technological progress. Notably, all of our devices are compatible with both PC and Mac systems, ensuring seamless integration across platforms.

BG-12GCSA

USB-C 12G-SDI VIDEO CAPTURE BOX WITH SCALER, HDMI 2.0/12G-SDI LOOP OUT, AUDIO

The BG-12GCSA is a USB-C 12G-SDI video capture device with a scaler, HDMI 2.0/12G-SDI loopout, and audio that provides a professional way to capture SDI video signals. It adopts a USB 3.1 Type-C Gen 1 (USB 3.0) interface, which allows for high-speed data transmission. Additionally, the SDI input and loopout can support up to 4K2K@60.

Users can connect the BG-12GCSA to a 4K2K@60 source and capture Ultra HD (4K2K@30) video. Furthermore, this unit can capture and display original, uncompressed SDI video, with a more realistic color rendition. The BG-12GCSA uses large volume image buffer technology, which effectively avoids video tearing. The high sampling rate and accuracy ensure that the captured videos have a high degree of sharpness, rich details, and fewer color edges.



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

Features



VOLUME CONTROL

Use the volume control knobs to adjust the MIC/Headphone volume



PLUG AND PLAY

Auto-detection of video format



SOFTWARE COMPATIBILITY

Compatible with most 3rd party software such as OBS Studio and AMCap



MIC-IN-MIX

Allows the microphone's audio input to be combined or mixed with the audio that is being transmitted through the SDI connection



LOW LATENCY

3~4ms at 1080P



AUTO-DETECTION

Auto 12G/6G/3G/HD-SDI detection



BG-4K120CHA

USB-C 4K120 VIDEO CAPTURE BOX WITH SCALER, HDMI 2.1 LOOP OUT, AUDIO & HDR10 TO SDR CONVERSION

The BG-4K120CHA is a cutting-edge USB-C 4K120 video capture device with a scaler, HDMI 2.1 loopout, audio, and HDR10 to SDR conversion, designed for professional HDMI video signal capturing. It utilizes a USB 3.1 Type-C Gen 1 (USB 3.0) interface for high-speed transmission. Additionally, the HDMI input and loopout can support up to 4K2K 120Hz, enabling users to connect to a 4K2K 120Hz source and capture Ultra HD (4K2K@30) video. The BG-4K120CHA also captures and displays original uncompressed HDMI video, resulting in more realistic color rendition.

Moreover, the BG-4K120CHA incorporates large volume image buffer technology to effectively avoid video tearing, and the high sampling rate and accuracy ensure images with high sharpness, rich details, and fewer color edges. Furthermore, with HDR10 to SDR conversion, PS5/Xbox Players can enjoy 4K2K@120 HDR games on a 4K TV while recording real-time 4K2K@30/1080P@120 video streams with SDR quality through USB 3.0 simultaneously.



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

Features



4K@120HZ

HDMI input & output up to 4K2K 120Hz 4:4:4/4:2:2/4:2:0



VOLUME CONTROL

Use the volume control knobs to adjust the MIC/Headphone volume



PLUG AND PLAY

Auto-detection of video format



SOFTWARE COMPATIBILITY

Compatible with most 3rd party software such as OBS Studio and AMCap



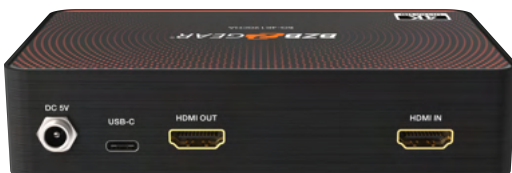
MIC-IN-MIX

Allows the microphone's audio input to be combined or mixed with the audio that is being transmitted through the HDMI connection



LOW LATENCY

3~4ms at 1080P



BG-4KCHA

USB-C 4K60 VIDEO CAPTURE BOX WITH SCALER, HDMI 2.0 LOOP OUT, AUDIO & HDR10 TO SDR CONVERSION

The BG-4KCHA is an advanced USB-C 4K video capture device with a scaler, HDMI 2.0 loopout, audio, and HDR10 to SDR conversion, designed for professional HDMI video signal capturing. It uses a USB 3.1 Type-C Gen 1 (USB 3.0) interface, allowing for high-speed transmission. Additionally, the HDMI input and loopout can support up to 4K2K@60, enabling users to connect the BG-4KCHA to a 4K@60 source and capture Ultra HD (4K2K@30) video. With the capability to capture and display uncompressed HDMI video, the BG-4KCHA provides more realistic color renditions. Moreover, the BG-4KCHA employs large volume image buffer technology to effectively avoid video tearing, while the high sampling rate and accuracy result in captured videos with high sharpness, rich details, and fewer color edges.

Furthermore, the HDR10 to SDR conversion allows Playstation and Xbox players to enjoy 4K2K@60 HDR games on a 4K TV through the loopout HDMI port and record real-time 4K2K@30/1080P@120 video streams with SDR quality through the USB 3.0 port simultaneously.



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

Features



4K UHD

Video resolution up to 4K2K@30/1080P@120 (Video stream over USB-C)* HDMI input & loopout up to 4K2K@60



VOLUME CONTROL

Use the volume control knobs to adjust the MIC/Headphone volume



PLUG AND PLAY

Auto-detection of video format



SOFTWARE COMPATIBILITY

Compatible with most 3rd party software such as OBS Studio and AMCap



MIC-IN-MIX

Allows the microphone's audio input to be combined or mixed with the audio that is being transmitted through the HDMI connection



LOW LATENCY

3~4ms at 1080P



BG-HAVS

1080P FHD 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.



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

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



BG-SAVS

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

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

The BG-SAVS 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-SAVS is equipped with one SDI input as well as an SDI 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-SAVS utilizes H.265 and H.264 encoding, and supports RTSP, RTP, TMPS, HTTP, UDP, and SRT streaming formats.



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

Features



SDI
1 x SDI input, 1 x SDI 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



Video Converters & Scalers

CUTTING-EDGE VIDEO CONVERTERS/SCALERS

BZBGEAR signal converters are easy to use. Simply connect your input and output cables, plug in the included power supply, and enjoy flawless signal conversion. Our converters are a great addition to any event technician's toolkit. Their reliability, compact size, and ease of use make them ideal problem solvers!

Whether you need to convert HDMI to SDI or vice versa, BZBGEAR has the perfect solution. Many of our video converters/scalers are also TAA compliant, authorizing them for government use.

Overall, BZBGEAR video converters are easy to implement and provide extensive benefits. Contact a BZBGEAR representative to improve your system today!



**MULTI-FORMAT
CONVERSION**



BUILT-TO-LAST



AUDIO EMBEDDING

BG-4KSH

4K UHD 12G-SDI TO HDMI CONVERTER WITH AUDIO EXTRACTION (SUPPORTS HD & UHD 12G/6G/3G/HD-SDI)

The BZBGEAR BG-4KSH is a 12G/6G/3G/HD-SDI to HDMI 2.0 converter with audio extraction. The SDI signal is digitally converted into HDMI, guaranteeing lossless conversion for both audio and video.

Featuring up to 8 channels of audio, the BG-4KSH is compatible with 7.1 or 5.1 surround sound systems. The 3.5mm analog stereo output, SDI input, SDI loop-out, and HDMI output provides users convenient flexibility. With these robust features, the BG-4KSH can take SDI signals from professional or commercial AV equipment and effortlessly convert it to HDMI without compression for use of popular consumer-grade video interfaces.

- 7.1 or 5.1 channel surround
- Convert signal from professional/commercial grade AV equipment to a more common interface
- Digital conversion of signal ensures lossless transformation for audio and video



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

Features



CRYSTAL CLEAR IMAGES

Stunning image quality up to 4K@60Hz



HDMI OUTPUT

Convert SDI to HDMI the most popular video interface in the world



SDI LOOP-OUT

Loop out to view content locally at device



AUDIO EMBEDDING

Embed audio from a 3.5mm Stereo Mini input



STATUS LEDS

See signal and power status at a glance with built in status lights



DURABLE METAL ENCLOSURE

Designed for years of reliable use



BG-4KHS

4K UHD HDMI TO 12G-SDI CONVERTER WITH HDMI LOOP-OUT AND AUDIO EMBEDDER

The BG-4KHS HDMI to SDI converter seamlessly converts an HDMI 2.0 signal to 12G/6G/3G/HD/SD-SDI in real time. The conversion between HDMI 2.0 and SDI is purely digital. When converting HDMI 2.0 to SDI, there is no loss or weakness of signal quality. Additionally, with up to 8 channels of audio support, 7.1 channel audio and 5.1 channel audio becomes available. With the use of BG-4KHS, users can expand their access to professional SDI compatible equipment!

The BG-4KHS provides two low jitter SDI outputs and one HDMI loop-out. To provide a more flexible application, the BG-4KHS is also equipped with a high quality analog stereo embedder. Analog audio supports 2ch and HDMI surround sound supports up to 7.1ch. Furthermore, this HDMI to SDI converter supports resolutions up to 4K@60Hz. The lowest resolution BG-4KHS supports is 720p@50Hz.

For additional application support, the BG-4KHS HDMI to SDI converter is wall mountable. One mounting rack set is included with the purchase of this device. The package also includes a 5V power adapter to ensure users have everything they need right out of the box.



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

Features



CRYSTAL CLEAR IMAGES

Stunning image quality up to 4K@60Hz



HDMI LOOP-OUT

Loop out to view content locally at device



DUAL SDI OUTPUTS

Split an HDMI signal from 1 source to 2 SDI outputs for long range signal transmission



AUDIO EMBEDDING

Embed audio from a 3.5mm Stereo Mini input



STATUS LEDS

See signal and power status at a glance with built in status lights



DURABLE METAL ENCLOSURE

Designed for years of reliable use



Audio Processors

BZBGEAR AUDIO PROCESSORS

BZBGEAR Audio Processors provide advanced digital audio matrix routing, I/O management, and quality control features. They include DSP modules, Auto Mixer functions, DANTE ports (on select models), adaptive audio quality settings, and RS-232 control.

BZBGEAR offers two new models: BG-A1616MD and BG-A88M. The BG-A1616MD is ideal for larger audio systems, with or without DANTE-compatible units. The BG-A88M offers similar functionality without DANTE ports and has 8x8 routing.

Overall, BZBGEAR Audio Processors offer advanced features, easy integration, and mounting. Contact a BZBGEAR representative today for more information!



DSP MODULES



SIMPLE INTEGRATION



AUDIO MATRIX
SWITCHING

BG-A88M

**VERSATILE 8X8 BALANCED DIGITAL AUDIO PROCESSOR:
FEATURING AEC, ANS, AGC, AUTO MIXER, AND 8-CH
PROGRAMMABLE GPIO SUPPORT**

This digital audio processor is designed to enhance the audio quality in a variety of settings where multiple speakers are present and clear communication is essential. It provides eight MIC/linear inputs and eight linear outputs, allowing you to connect a wide range of audio sources and destinations. Its advanced algorithms, including full-band Adaptive Echo Cancellation (AEC), Adaptive Noise Suppression (ANS), Automatic Gain Control (AGC), and Auto Mixer, work together to produce clear, clean, and resonant sound with a high signal-to-noise ratio.

This processor is easy to use, with no need for additional software. It is ready to use right out of the box, making it an excellent choice for project implementation and testing. It can be applied in a variety of settings and industries, including smart system integration in small to medium-sized conference rooms, instruction recording and distance teaching in education, court trial recording and virtual court trials in the judiciary, surgery recording and video consultations in healthcare, and command center establishment in governmental projects.



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

Features



ADVANCED DSP

Manipulate and enhance audio signals with essential modules like Expander, Equalizer, Compressor, and more, ensuring optimal audio quality and control



QUALITY AUDIO CONVERSION

Achieve high-quality audio output with a 48kHz sampling rate and 24-bit A/D or D/A conversion



ECHO CANCELLATION

Clear audio communication and minimized feedback issues with built-in echo cancellation



ADAPTIVE FEEDBACK

Mitigate feedback problems and improve audio performance with adaptive feedback suppression



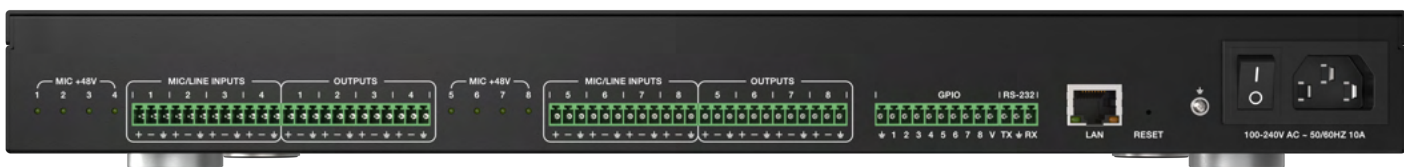
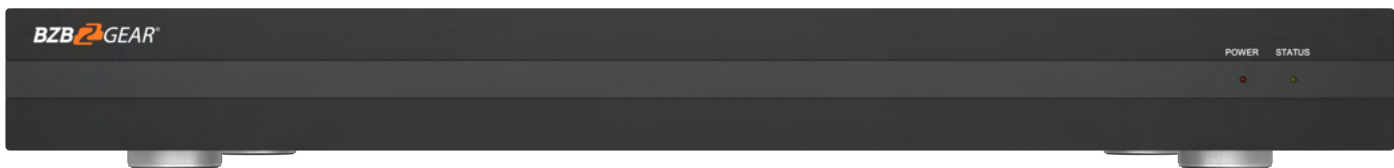
ADAPTIVE NOISE REDUCTION

Enhance audio clarity and signal-to-noise ratio with dynamic noise reduction technology



AUTO MIXER FUNCTION

Seamless audio mixing in scenarios with multiple microphones and adjustable priority settings



BG-A1616MD

16X16 AUDIO MATRIX DSP PROCESSOR WITH 12 MIC/LINE IN/OUT + 4 DANTE IN/OUT. SUPPORTS AEC, ANS, FILTER, LIMITER, EQ, DELAY, AND PRE-AMP

The BG-A1616MD Digital Audio Processor is a versatile solution designed for video conferences, distance learning, and telemedicine applications. With its advanced features and intelligent algorithms, this processor delivers exceptional audio quality and seamless control. It is equipped with 12-ch MIC/linear inputs, 12-ch linear outputs, and four DANTE ports for low-latency audio processing. This powerful processor is ready to use immediately, ensuring hassle-free installation and project implementation.

The BG-A1616MD Digital Audio Processor incorporates a range of advanced audio processing features. It includes full-band Adaptive Echo Cancellation (AEC), which effectively eliminates echoes for clear and resonant sound. The Adaptive Noise Suppression (ANS) technology reduces background noise, ensuring clean audio signals. The Automatic Gain Control (AGC) feature adjusts the microphone input levels automatically, maintaining a consistent volume. Additionally, the Auto Mixer function allows you to prioritize microphone inputs when multiple microphones are used simultaneously.



Check out this item on our website

Features

DANTE PORTS
Four DANTE ports for low-latency audio processing

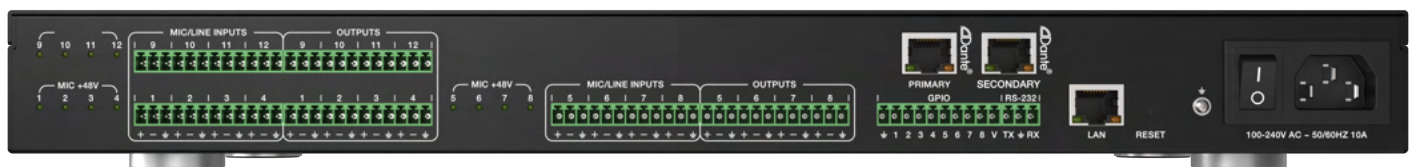
AUTO MIXER
For prioritizing microphone inputs

QUALITY CONTROL
Adaptive feedback suppression, full-band acoustic echo cancellation, and dynamic adaptive noise reduction technologies

DSP MODULES
Fine-tuning audio signals with DSP modules (Expander, Equalizer, Compressor, Auto Gain Control, Limiter, High Pass Filter, Low Pass Filter, and Delay)

WINDOWS COMPATIBILITY
Seamless compatibility with Windows 7 and Windows 10 platforms

ADVANCED CONTROL
Advanced control capabilities through RS-232 serial commands control



Audio Amplifiers

BZBGEAR AUDIO PROCESSORS

BZBGEAR Audio Processors provide advanced digital audio matrix routing, I/O management, and quality control features. They include DSP modules, Auto Mixer functions, DANTE ports (on select models), adaptive audio quality settings, and RS-232 control.

BZBGEAR offers two new models: BG-A1616MD and BG-A88M. The BG-A1616MD is ideal for larger audio systems, with or without DANTE-compatible units. The BG-A88M offers similar functionality without DANTE ports and has 8x8 routing.

Overall, BZBGEAR Audio Processors offer advanced features, easy integration, and mounting. Contact a BZBGEAR representative today for more information!



DSP MODULES



SIMPLE INTEGRATION



AUDIO MATRIX
SWITCHING

BG-AMP2X20

2-CHANNEL 40W 4/8 OHMS STEREO/MONO AUDIO AMPLIFIER

The BG-AMP2X20 is a versatile and compact bridgeable digital stereo amplifier (Class-D). Perfect for installations with limited space, it can be operated in three different configurations. In stereo configuration the amplifier outputs 2x20 watts at 4 Ohms. The selector switch also allows for dual-mono operation for distributed audio applications. In bridge-mono configuration it can double the output to 40 watts at 8 Ohms.

Inputs include 1 x stereo RCA, 1 x 3.5mm, and a microphone input with switchable 48v phantom power. Bass, Treble, volume level, and input selection are all controllable via the integrated buttons on the bottom panel, IR remote control, or RS-232.

The features and performance combined with its compact form factor make this amplifier the perfect solution for situations that don't allow a full-sized amplifier.



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

Features



MICROPHONE INPUT
3-level Mic input with mixer function



AMPLIFY YOUR SOUND
Outputs Stereo 20Watt@4 Ohms or bridged mono 40Watt@8 Ohms



COMPACT
Small form factor ideal where full-sized amplifiers will not fit



MULTIPLE CONTROL OPTIONS
Take control using RS232, IR, or push buttons



DURABLE
Metal enclosure designed to last for years



BASS, TREBLE, & VOLUME
Control bass, treble and volume levels conveniently using integrated push buttons



BG-AMPC40

2-CHANNEL 40W 70V/100V STEREO/MONO AUDIO AMPLIFIER

The BG-AMPC40 is a 40-Watt digital stereo amplifier (Class-D) with switchable output of 70V or 100V. Inputs include 2 stereo inputs (1x3.5mm port for line in, 2xRCA for L&R), 1 TOSLINK input, and 1 balanced MIC input. The 3-pin MIC input has selectable 48V phantom power, supports balanced or unbalanced signals, and features external noise suppression.

Integrated functions include ducking, EQ control, and MIC mixer. The rotary knob allows users to choose from 16 IR ID codes for easy control of multiple amplifiers. The front panel has controls for input selection, volume level for MIC and Line inputs, and bass/treble adjustment. This amplifier can be controlled with RS232 commands in addition to the front panel buttons and IR commands.

- Fast switching speed for good performance
- 16 ID codes for controlling between different amplifiers
- Convection cooler, fan is not needed
- MIC port can support balance/unbalance signal, suppress the external noise effectively



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

Features



MICROPHONE INPUT
3-level Mic input with mixer function



AMPLIFY YOUR SOUND
Outputs 40Watts at either 70V or 100V



COMPACT
Small form factor ideal where full-sized amplifiers will not fit



MULTIPLE CONTROL OPTIONS
Take control using RS232, IR, or push buttons



DURABLE
Metal enclosure designed to last for years



BASS, TREBLE, & VOLUME
Control bass, treble and volume levels conveniently using integrated push buttons



Audio Extenders

AUDIO SOLUTION

BZBGEAR audio extenders are a great solution to a common problem. When an audio source is located too far from the amplifier to use standard audio cables, it's time to add an Audio Extender.

ANALOG TO DIGITAL

BZBGEAR audio extenders feature an integrated analog to digital converter, as well as a digital to analog converter. Regardless of the audio connection types of your source device and amplifier input, these handy units will get the job done.

BG-AUD-TCS

LONG RANGE DIGITAL/ANALOG AUDIO EXTENDER KIT OVER CAT5E/6/7 UP TO 950FT (STEREO/TOSLINK/COAX)

The BG-AUD-TCS is a compact audio extender designed to transmit audio signals up to 290 meters (950 feet) over a single category cable. It can transmit an analog stereo signal up to 170 meters (555 feet), and TOSLINK or digital coax signal up to 290 meters. The transmitter is equipped with 1-TOSLINK, 1-COAX, and 1-3.5mm stereo input. The front panel switch provides manual input selection. The power over cable function eliminates the need for a power supply at the receiver.



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

Features



RUGGED DESIGN

Durable metal enclosure design for years of use



CONTROL

Select which audio source is playing via the toggle switch



LONG DISTANCE

Send a digital audio signal up to 950ft



POC

Power over Cable means you only need to power the receiver simplifying installation



AUDIO FORMATS

Supports major audio formats Dolby, DTS, and PCM



MULTIPLE INPUTS/OUTPUTS

Choose from TOSLINK, COAX, or Stereo 3.5mm/RCA for connections



Speakerphones Microphones

CAPTURE & CONVERTING DEVICES

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

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

BG-OMNITALK-PRO

USB/BLUETOOTH WIRELESS DESKTOP CONFERENCE SPEAKERPHONE WITH 360 AUDIO PICKUP UP TO 20FT

The BG-OMNITALK-PRO is a versatile USB Wireless Bluetooth Conference Speakerphone designed for professional communication. It offers flexible connectivity options, including USB, Bluetooth, AUX, and dongle connections. Equipped with four omnidirectional microphones, it captures voices within a 6-meter radius, ensuring clear communication. Featuring adaptive high-definition amplification technology, the speakerphone enhances audio quality. Its compact design includes touchscreen controls and an LCD screen, making it portable and user-friendly. The built-in 8000mAh lithium battery provides up to 14 hours of music playback or 24 hours of talk time, supporting fast charging.

The device excels in delivering crystal-clear conversations, incorporating HD Voice, wideband audio, noise reduction, and full-duplex technology. It's compatible with various communication applications and platforms, supporting multiple operating systems. Ideal for mid-sized meetings, the speakerphone accommodates up to 15 participants in spaces of 15-30 square meters. With its smart design and advanced features, it's a reliable tool for professional audio conferencing.



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

Features



BLUETOOTH & USB TYPE-C PLUG N PLAY

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



4 OMNIDIRECTIONAL MICROPHONES

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



INNOVATIVE UX DESIGN

Boasts sleek touch buttons, while its LCD screen presents essential information such as battery power, Bluetooth connectivity, speaker volume, and microphone sensitivity



8000MAH (BUILT-IN LITHIUM BATTERY)

Music time (up to 14hours); Battery life(call) up to 24 hours; Fastest Charge time: 3 hours, Regularly 6 hours; (Support PD2.0/3.0 charging with maximum power up to 18W)



HD VOICE/WIDEBAND AUDIO

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



HIGH COMPATIBILITY

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



BG-MIC-U1

COMPACT HIGH-QUALITY USB CONFERENCING MICROPHONE

The BG-MIC-U1 is a USB conferencing microphone. It features a dual color LED indicator, a push ON/OFF switch and an electret cardioid condenser capsule. The internal shock mount minimizes mechanical noise for crystal-clear sound reproduction. Integrated mounting holes allow for wall or ceiling placement for a clean installation. Simply connect with a USB type B to USB type A cable for plug and play operation.



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

Features



BOUNDARY MICROPHONE

The boundary microphone is designed for conference, house of worship, and theater applications



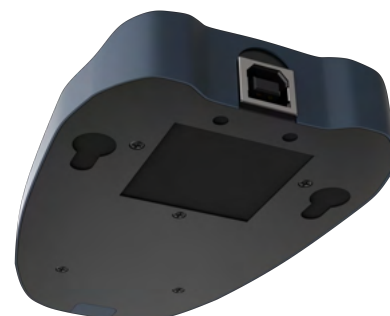
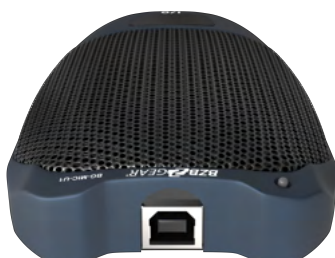
MINIMUM NOISE

Internal shock mount minimizes mechanical noise



LED indicator

The BG-MIC-U1 features dual color LED indicator, membrane ON / OFF switch and back electric cardioid condenser capsule



Integration Tools

NO MORE GUESSWORK

AV integration tools are a critical, yet often overlooked component of a technician's toolkit. They generate a reliable test signal, allowing technicians to quickly diagnose cabling, equipment, and compatibility issues.

SAVE TIME, SAVE MONEY

Having the means to send a reliable test signal helps technicians instantly identify faulty cabling or equipment, potentially shaving hours of costly labor otherwise wasted on trial-and-error.

SEPARATING THE PROS FROM THE AMATEURS

Just as any reputable automotive technician requires diagnostic tools to work efficiently, AV technicians focused on delivering results should be equipped with the tools to test and confirm equipment functionality.

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

BG-AVTPG-MINI

1080P FHD/4K UHD HDMI 2.0 18GBPS PORTABLE SIGNAL TEST GENERATOR AND ANALYZER

The BG-AVTPG-MINI is a portable handheld 4K signal analyzer and test pattern generator. Capable of generating and analyzing HDMI signals at resolutions up to 4096x2160@60Hz 4:4:4, This powerful tool provides users with the ability to quickly test and verify HDMI cabling and equipment.

Supports a maximum resolution of 4K2K@60Hz, the BG-AVTPG-MINI can generate and analyze signals with chroma subsampling rates of 4:4:4 8 bit and 4:2:0 16 bit (HDR). This analyzer is HDCP 1.4 and 2.2 compliant, allowing users to test a wide variety of 1080P and 4K HDMI devices. The rechargeable battery provides an operating time of up to three hours.

The BG-AVTPG-MINI features three useful video test patterns designed to demonstrate signal quality and stability. The adjustable color depth allows users to test range of the connected equipment's capabilities. By connecting the HDMI output to the HDMI input, users receive a link quality estimate based on the HDMI 2.0 Character Error Detection.



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

Features

4K **4K SUPPORT**
Supports up to 4K2K@60 4:4:4 8bit, HDR 10 bits, 12 bits 16 bits

HDCP 2.2
HDCP 1.4 and 2.2 compliant

18GBPS/HDMI 2.0
The maximum bandwidth possible due to the introduction of HDMI 2.0

MOBILE
Hand-held pocket size with 3 hour battery life

EASY TO USE
Simple for anyone to learn

MULTIPLE PATTERNS
Easily and quickly test HDMI devices



BG-AVTPG-MINI-G2

8K UHD HDMI 2.1 48GBPS PORTABLE SIGNAL TEST GENERATOR AND ANALYZER

The BG-AVTPG-MINI-G2 is a compact and portable device designed for professionals working with HDMI 2.1 signals. As a versatile tool, it serves as both a signal generator and analyzer, catering to installers and integrators. It supports a wide range of HDMI signals, including high-resolution formats like 8K60 4:2:0 10bit and 8K30 4:4:4, as well as common resolutions like 4K60 and 1080P. For those running 4K at higher refresh rates, it also supports resolutions up to 4K120. The device's adjustable color depth feature enables easy assessment of display capabilities during testing.

In "Sink" mode, the BG-AVTPG-MINI-G2 functions as an HDMI signal detector, providing essential details about detected signals, such as resolution, frame rate, HDCP version, and other key HDMI characteristics. Its compatibility with HDMI 2.1 standards, adherence to HDCP 1.4 and 2.3 standards, and impressive operational range make it a reliable choice. The device's pocket-sized design and rechargeable battery, offering up to 3 hours of usage, enhance its portability for professionals on the move.



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



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Features

8K **8K SUPPORT**
It supports diverse resolutions and color formats, like 8K60 4:2:0 8bits and 8K30 4:4:4, ensuring an accurate display of details and colors

4K **SUPPORTS 4K120**
Provides smoother gameplay, reduced input lag, better visual clarity, and high-quality broadcasting for Esports

HDCP TEST CAPABILITY
Validates secure content transmission

BATTERY-POWERED PORTABILITY
Facilitates convenient on-the-go testing and field calibration for optimal performance

FUTURE-PROOF
Embracing a spectrum of resolutions, from the stunningly detailed 8K60 and 4K120 to the widely used 4K80 and 1080p

HDCP PROTECTION
HDCP 1.4 & 2.3 compliant



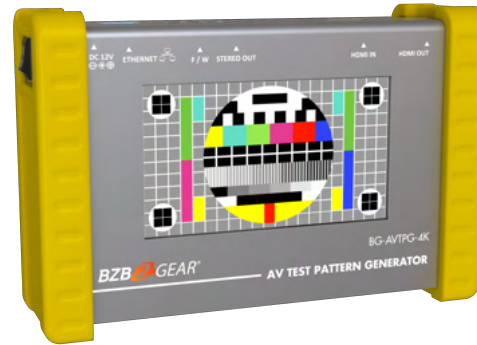
BG-AVTPG-4K

1080P FHD/4K UHD HDMI 2.0 18GBPS VIDEO TEST PATTERN GENERATOR/TESTER AND ANALYZER WITH ETHERNET

The BG-AVTPG-4K is a HDMI 2.0 test pattern generator and analyzer designed for professional A/V integrators and technicians. With a versatile array of functions and features, it's an essential part of any professional's toolkit. Capable of sending and receiving HDMI signals up to 4096 x 2160 4:4:4, this device makes it easy to test and verify functionality of AV cabling and equipment. Designed for the rigors of field use, the BG-AVTPG-4K is encased in a sturdy metal chassis with shock-resistant rubberized edges.

This portable device can be charged in as little as two hours with an operation time of up to four hours. Featuring an easy-to-use touchscreen interface, it is also equipped with a USB 2.0 port that can be used to connect a mouse for enhanced control.

Loaded with useful functions including a cable tester, multiple static and moving test patterns, a multi-channel audio tone generator, and EDID reader, the AVTPG-4K makes short work of troubleshooting HDMI connection problems. By utilizing the Ethernet connection, this device can be placed remotely and controlled via IP commands.



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

Features

4K **4K SUPPORT**
4K2K@60 4:4:4 8bit, 4K2K@60 4:2:0
16bit HDR pattern generator

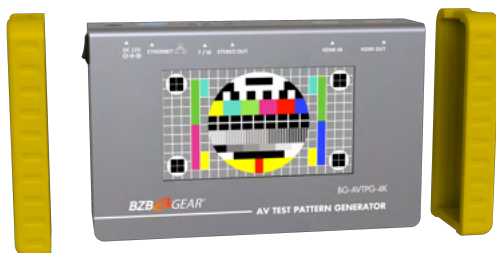
USB 2.0
Supports mouse control

AUDIO SUPPORT
8ch LPCM with selectable sampling rate up to 192kHz

3.5 MM OUTPUT
Allows for testing of analog audio equipment

DURABLE CHASSIS
Designed to hold up to the demands of field work

18GBPS
High-bandwidth HDMI



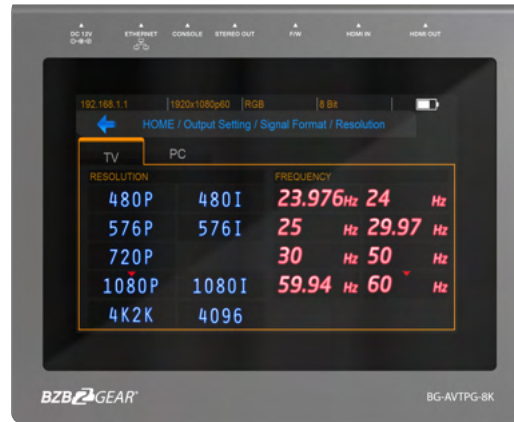
BG-AVTPG-8K

8K UHD HDMI 2.1 48GBPS ADVANCED SIGNAL TEST GENERATOR AND ANALYZER

The BG-AVTPG-8K stands out as an HDMI 2.1 signal generator and analyzer, serving as an indispensable and versatile tool specifically crafted for integrators. It effortlessly accommodates the full bandwidth of HDMI 2.1 and HDCP 2.2, streamlining the installation and troubleshooting processes like never before.

This compact and portable device comes equipped with a robust rechargeable battery, an array of video test patterns, user-friendly touch panel controls, and convenient access to cloud-based firmware upgrades. Furthermore, the BG-AVTPG-8K boasts the capability to support up to 8 channels of LPCM audio with selectable sample rates.

The loop-through function of the BG-AVTPG-8K allows the connected HDMI input to seamlessly transmit to an external display or its own built-in 7.0" touch screen. This feature empowers users to swiftly verify HDMI sources, displays, and cables. Additional functionalities, such as the HDCP analyzer and loop tester, ensure that installers have all the essential tools at their fingertips, simplifying their tasks with efficiency.



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

Features



FUTURE PROOF

8K60 4:2:0 8bits, 8K30 4:4:4, 4K2K 120Hz & 4K2K@60 10bits/12bits HDR pattern generator



ENHANCED UX

7.0" touch panel for quick and easy access



CONTROL OPTIONS

Mouse control and control via Ethernet



SIMPLIFIED MONITORING

HDMI loop through functionality



HDCP COMPLIANT

HDCP analyzer and generator that is able to transmit HDCP encrypted video



RECHARGEABLE BATTERY POWERED

Portable for up to 9 hours on a full charge



BG-SDITPG-G2

4K UHD 12G SDI VIDEO G2 TEST PATTERN GENERATOR
(SUPPORT 12G/6G/3G/HD/SD-SDI)



Introducing the BG-SDITPG-G2 12G/6G/3G/HD/SD-SDI Pattern Generator, the ultimate tool for SDI pattern generation and testing. This state-of-the-art device offers multi-format support for 12G/6G/3G/HD/SD and a wide range of test patterns, making it an essential tool for professionals in broadcasting, professional AV, and related industries.

The BG-SDITPG-G2 features a comprehensive set of video test patterns, including still and moving patterns, as well as audio support (SMPTE-291M) with up to 8 channels of AES-compliant audio at a 48KHz sample rate. With this generator, you can calibrate and test SDI-enabled video devices and displays with ease and precision. Designed for intuitive operation, the BG-SDITPG-G2 comes equipped with four buttons, a rotary switch, and an LCD screen, ensuring effortless control and management. Its user-friendly interface allows for quick access to various features, making it a cost-effective solution for all your SDI pattern generation needs.

Whether you're working with NTSC, PAL, 720p, 1080i, 1080p, or even 4K2K resolutions, the BG-SDITPG-G2 supports a wide range of output resolutions and bit rates. It delivers reliable performance and supports 10-bit color space, ensuring accurate and high-quality signal testing.



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

Features



MULTI-FORMAT SUPPORT
12G/6G/3G/HD/SD-SDI



MULTI-PATTERN FUNCTIONALITY
Still and moving video test patterns



AUDIO SUPPORT
Up to 8 channels of AES-compliant audio at 48KHz sample rate (SMPTE-291M)



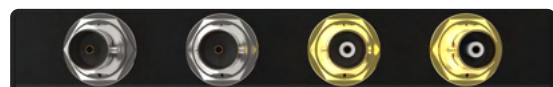
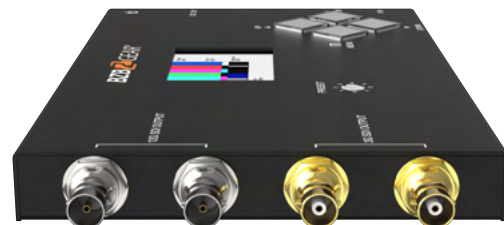
INTUITIVE CONTROLS
Four buttons, rotary switch, and LCD screen



EASY SAVING
Save settings to memory



PRESET SUPPORT
Supports preset modes for added convenience



BG-AVTPG-KIT

BG-AVTPG-4K AND BG-AVTPG-MINI INSTALLER KIT

The BG-AVTPG-KIT combines 2 of our best selling HDMI tester/analyzers for a comprehensive toolkit that should be a part of every professional installer's arsenal. The kit includes one BG-AVTPG-4K and one BG-AVTPG-MINI in a foam-lined protective case built to withstand years of job site abuse. The kit allows for full end-to-end testing of all HDMI-related cabling and gear, allowing installers to quickly identify and correct issues that would otherwise complicate and delay progress.



Check out this item on our website

Features



4K SUPPORT

Supports up to 4K2K@60 4:4:4 8bit, HDR 10 bits, 12 bits 16 bits



HDCP 2.2

HDCP 1.4 and 2.2 compliant



18GBPS/HDMI 2.0

The maximum bandwidth possible due to the introduction of HDMI 2.0



18GBPS

High-bandwidth HDMI



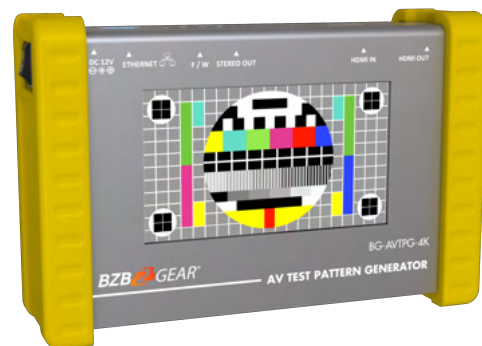
DURABLE CHASSIS

Designed to hold up to the demands of field work



3.5 MM OUTPUT

Allows for testing of analog audio equipment



Specialty Cables

HIGH QUALITY

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

HIGH RESOLUTION

BZBGEAR HDMI and SDI cables offer compatibility at resolutions up to 4K@60 to deliver pristine image quality. Our SDI cables are made in-house and tested before shipping, so our customers can buy with confidence knowing they will perform as advertised.

EXTREME DISTANCE

BZBGEAR Active Optical HDMI and USB cables deliver transmission range far beyond what is achievable with normal cabling. By leveraging fiber optic technology, they are able to deliver reliable, full resolution signals at distances up to 164 feet (50 meters).

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

BG-CAB-H21A

8K UHD HDMI 2.1 48GBPS ACTIVE OPTICAL 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.



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

Available Lengths: 33ft/10m; 50ft/15m; 66ft/20m; 100ft/30m; 132ft/40m; 164ft/50m; 250ft/75m; 328ft/100m

Features



QUALITY & CLARITY
Supports HEAC, ARC up to 20M cables only, and HDR



CONTENT PROTECTION
HDCP 2.3 certified



LONG RANGE
Reliable optical fiber HDMI cable for video and audio



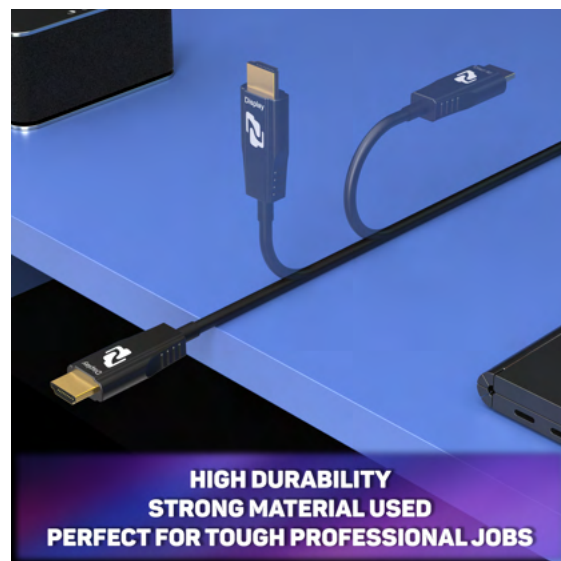
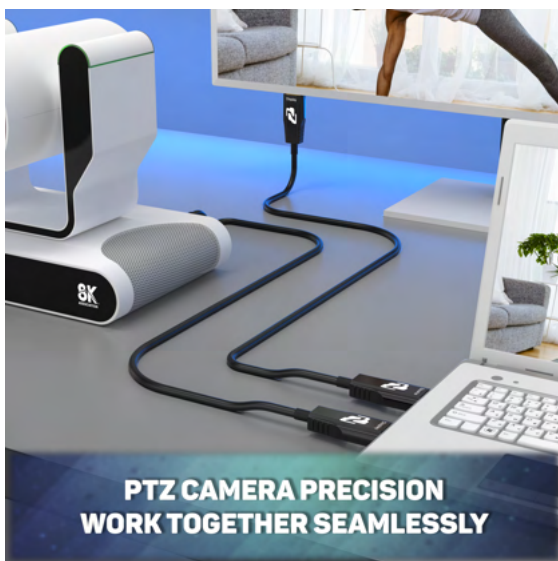
AUDIO SUPPORT
Compatible with DTS-HD Master Audio and Dolby True HD



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



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



BG-CAB-12SDI

4K UHD 75-OHM SHIELDED 12G SDI CABLE (UHD)

Experience flawless 4K video transmission with the BG-CAB-12SDI by BZBGEAR. Designed to meet the demands of professional videographers and enthusiasts alike, these cables offer a seamless connection for your high-resolution content.

12G-SDI Compatibility: These cables effortlessly handle ultra-high-definition content, delivering sharp images and vibrant colors without compromise.

Interference Rejection: The cables are equipped with a woven shield that effectively rejects electromagnetic interference, providing you with a clear and consistent video feed.

Extended Reach: Cover distances up to 70 meters without sacrificing quality. The BG-CAB-12SDI gives you the flexibility to set up your equipment wherever you need, making it ideal for both studio and on-location shoots.

High-Quality Construction: The BG-CAB-12SDI is built on a foundation of precision. It employs 75-ohm shielded coaxial cable and premium BNC connectors, ensuring minimal signal loss and maintaining the integrity of your video data.

Durable Design: Built to withstand the demands of various setups, these cables are a reliable choice for both temporary and permanent installations.



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

Available Lengths:	25ft/7.5m; 50ft/15m; 75ft/22.5m; 100ft/30m; 150ft/45m; 175ft/52.5m; 200ft/60m; 225ft/67.5m; 250ft/75m
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Features



RELIABLE

Designed to handle years of abuse



4K UHD

Transmit signals up to 4K@60fps



LONG DISTANCE

Transmit signals up to 75m



TESTED

3Ghz sweep tested to guarantee quality



INEXPENSIVE

SDI cables cost a fraction of HDMI cables



BNC CONNECTORS

Ensuring minimal signal loss

BG-CAB-SDI

1080P FHD 75-OHM SHIELDED SDI CABLE

BG-CAB-SDI from BZBGear is the ultimate solution to elevate your video transmission experience. Seamlessly supporting 3G-SDI cameras and equipment, BG-CAB-SDI unleashes the true potential of your video devices. With the capacity to handle resolutions up to 1080P, BG-CAB-SDI delivers your visuals in Full HD brilliance. BG-CAB-SDI grants you the ability to extend your setup up to 100 meters while maintaining impeccable quality.

Crafted with precision, BG-CAB-SDI utilizes the industry-standard 75-ohm shielded coaxial cable paired with top-tier BNC connectors. BG-CAB-SDI effectively rejects electromagnetic interference. Whether you require a dependable connection for a temporary event or a permanent installation, BG-CAB-SDI rises to the occasion. Its durability and steadfast performance make it an ideal choice for various applications where high-quality SDI connections are a must.



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

Available Lengths:

6ft/2m; 10ft/3m; 15ft/5m; 25ft/7.5m; 50ft/15m; 75ft/22.5m; 100ft/30m; 150ft/45m; 200ft/60m; 250ft/75m; 300ft/90m; 328ft/100m

Features



RELIABLE

Designed to handle years of abuse



INEXPENSIVE

SDI cables cost a fraction of HDMI cables



BNC CONNECTORS

High quality connectors ensure a stable signal



1080P HD

Transmit signals up to 1080P60



LONG DISTANCE

Transmit signals up to 100m



TESTED

3Ghz sweep tested to guarantee quality

BG-CAB-SDIS

1080P FHD 75-OHM PREMADE SHIELDED SDI WITH DC SIAMESE CABLE

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



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Available Lengths:

25ft/7.5m; 50ft/15m; 75ft/22.5m; 100ft/30m; 150ft/45m; 200ft/60m; 250ft/75m; 328ft/100m

BG-CAB-U3A

USB 3.0 AM/AF ACTIVE OPTICAL EXTENSION CABLE

Discover the transformative power of the BG-CAB-U3A, a USB 3.0 type-A male-to-type-A female active optical extension cable designed to revolutionize your data transmission capabilities.

Next-Level Extension: This cable goes beyond the confines of traditional copper cables, utilizing fiber optics to convert USB data signals into optical signals.

Sustained Performance: Whether you're transferring large files, streaming high-definition content, or managing data-intensive tasks, this cable ensures your connection remains swift and responsive.

Enhanced Compatibility: The cable unlocks the power of UASP (USB Attached SCSI Protocol) functionality, providing even faster data transfer speeds when used with compatible systems such as Windows 11, 10, and 8.

Efficient Power Management: The BG-CAB-U3A is ingeniously designed to draw power directly from your connected device, eliminating the hassle of seeking an extra power supply while still delivering the lightning-fast speeds of USB 3.0.

Exclusivity Note: Please note that the BG-CAB-U3A is specifically engineered for USB 3.0 and is not compatible with USB 2.0 or 1.1.



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Available Lengths:	33ft/10m; 50ft/15m; 66ft/20m; 100ft/30m; 132ft/40m; 164ft/50m
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Features



HIGH-SPEED TRANSMISSION

Achieves lightning-fast USB 3.0 speeds of up to 5Gbps



ADVANCED OPTICAL TECHNOLOGY

Utilizes an 850nm VCSEL transmitter and a PIN photo-detector receiver for reliable signal transmission



UNIVERSAL COMPATIBILITY

Compatible with all USB 3.0 devices, but not with USB 2.0 or 1.1 devices



OPERATING SYSTEM SUPPORT

Works seamlessly with major operating systems, including Windows, Mac OS, and Linux



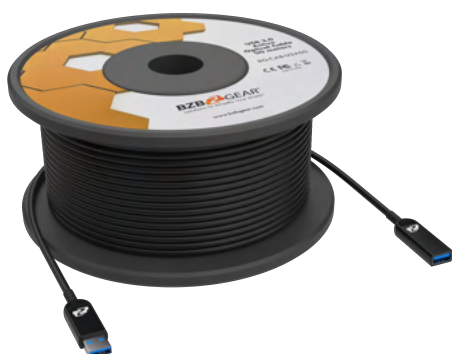
OPTICAL SIGNAL CONVERSION

Converts USB data signals into optical signals through fiber optics



INTEGRATED OPTICAL TRANSCEIVER

Features a fully integrated circuit with both receiver and transmitter functions



PTZ Mounts

PTZ CAMERA MOUNTS

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

BZBGEAR universal PTZ camera mounts are designed with industry-standard ¼-20 attachment point, making them compatible with most PTZ cameras on the market. They are made with heavy gauge steel and are compatible with all types of wall surfaces. BZBGEAR has PTZ camera mounts designed to securely attach cameras to either walls or ceilings. Regardless of your application, we have the solution. When it comes to safety and longevity, BZBGEAR mounts and adapters are top of the line. Get it right the first time and choose BZBGEAR!

BG-UCM

UNIVERSAL PTZ CAMERA CEILING MOUNT

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



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Available in color



BLACK



GREY



WHITE

BG-UWM

UNIVERSAL PTZ CAMERA WALL MOUNT

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

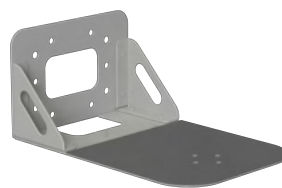


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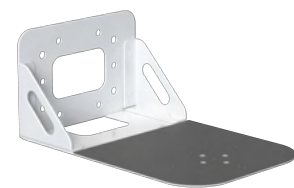
Available in color



BLACK



GREY



WHITE

BZBGear has an extensive network of Authorized Partners that will help you select, integrate, and support our products. To ensure our customers receive professional service and factory-certified products, BZBGear maintains a partnership with a select group of Authorized Resellers/Distributors.

BZBGear products are often used within a sophisticated AV system and may require configuration, professional installation, and a knowledge of control system integration. Please consider contacting our Authorized Partner for your purchase and hiring an experienced AV integration company for assistance with installation and setup.

BZBGear Authorized Resellers and Distributors are listed below.

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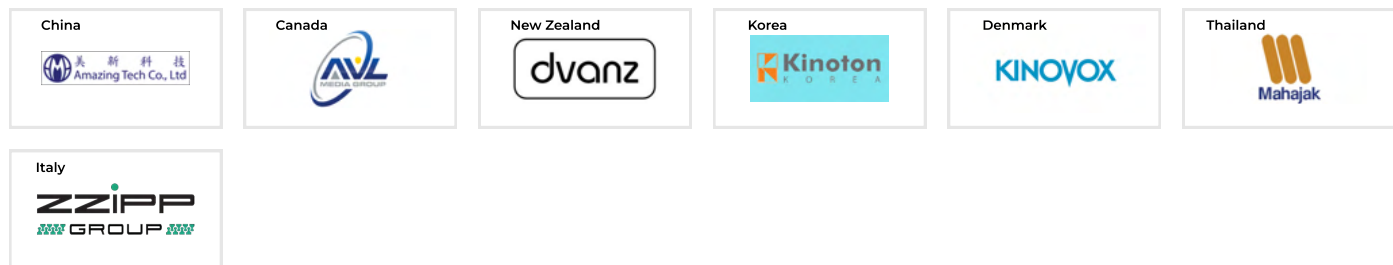
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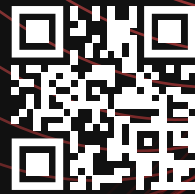
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bzbgear.com

1.888.499.9906

sales@bzbgear.com

support@bzbgear.com

info@bzbgear.com



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