

Catalog 2025

Video Wall Processors

BZBGEAR

Video Wall Processors

BZBGEAR's video wall processors enable you to create impressive large-scale video wall setups. Our video wall processors also offer greater pixel density per unit cost, ensuring that you get a higher quality image compared to traditional large format displays.

BZBGEAR video wall processors cater to a wide range of needs, from essential setups to advanced, feature-rich systems. All our processors support multiple video wall configurations, integrated audio, and user-friendly control options, ensuring a seamless experience for your video projects.

Choose from versatile 2-in-1 and 3-in-1 models that combine video wall processing with matrix switching or even multiview functionality. Plus, select systems can be conveniently controlled via our free mobile app, giving you full control from your personal device.



SCALABILITY



SOFTWARE
CONTROLLABLE




ULTRA-HD




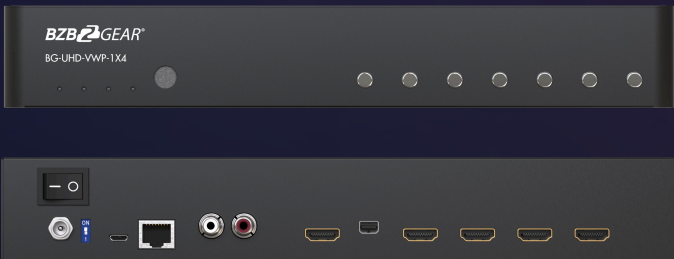
BG-UHD-VWP-1X4
4K UHD HDMI/DISPLAYPORT VIDEO WALL
PROCESSOR WITH SCALER/AUDIO
FOR UP TO 4 TVs

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.

**ACCEPTS HIGH RESOLUTION INPUTS**
HDMI And Display Port Inputs Up To 4K2K@60Hz 4:4:4

**COMPLIANT PORTS**
HDMI 2.0a And DisplayPort 1.2a Inputs

**SCALABILITY**
Resize, Position, and Zoom Each Individual HDMI Output



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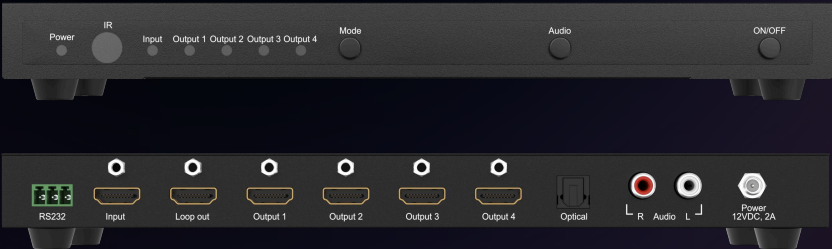
BG-UHD-VW2X2
2X2 4K UHD HDMI VIDEO WALL CONTROLLER
WITH AUDIO DE-EMBEDDING

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

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

**VIDEO WALL PROCESSOR**
Spread a source across multiple displays

**AUDIO DE-EMBEDDING**
1 x RCA, 1 x TOSLINK



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BG-UHD-VW24

4K UHD HDMI VIDEO WALL PROCESSOR/
SWITCHER WITH IP/AUDIO/RS-232
FOR UP TO 4 TVs

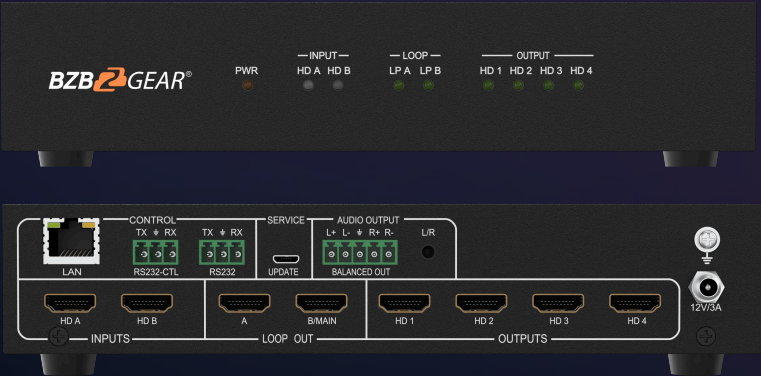
The BG-UHD-VW24 - HDMI 2.0 video wall controller from BZBGEAR, an innovative solution for all your video wall processing needs. This powerful controller features 2 HDMI inputs and 2 HDMI loop outs, as well as 4 HDMI scaling outputs, providing seamless and efficient video processing.

With support for resolutions up to 3840x2160@60Hz, this HDMI 2.0 device ensures stunning video quality and optimal viewing experience.

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

MULTIPLE INPUTS
Supports up to two HDMI inputs

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



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BG-UHD-VW29

4K UHD HDMI VIDEO WALL PROCESSOR/
SWITCHER WITH IP/AUDIO/RS-232
FOR UP TO 9 TVs

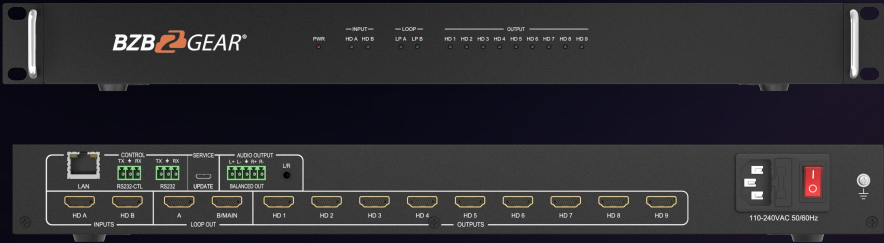
The BG-UHD-VW29 - HDMI 2.0 video wall controller from BZBGEAR, an innovative solution for all your video wall processing needs. This powerful controller features 2 HDMI inputs and 2 HDMI loop outs, as well as 9 HDMI scaling outputs, providing seamless and efficient video processing.

With support for resolutions up to 3840x2160@60Hz, this HDMI 2.0 device ensures stunning video quality and optimal viewing experience.

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

MULTIPLE INPUTS
Supports up to two HDMI inputs

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



Check out this item
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BG-MVS4X4-4KL

4X4 4K UHD HDMI VIDEO WALL PROCESSOR/
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.



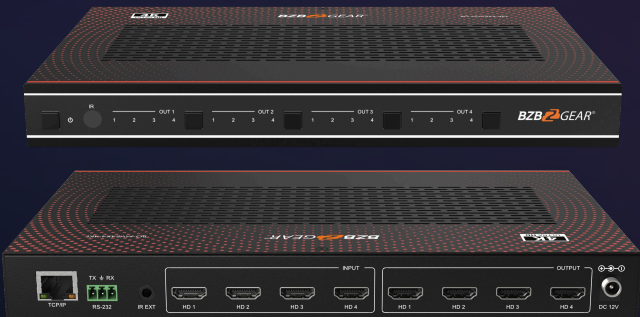
COMPLIANT
HDMI 2.0b, HDCP 2.2 and HDCP 1.4



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



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BZ-MVS4X4-4K

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

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.



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



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BZBGEAR Seamless Matrix, Video Wall and Mutiview

Seamless Matrix, Video Wall, and Multiview solutions combine all three powerful functions into a single, integrated device offering unmatched flexibility for professional AV environments. These systems are designed to simplify complex signal routing, multi-display setups, and source monitoring, making them ideal for control rooms, live event production, corporate AV, and digital signage.

Each unit seamlessly switches between multiple HDMI sources, processes video walls with customizable layouts, and supports multiview configurations allowing multiple video feeds to appear on a single screen.

Supporting resolutions up to 4K@60Hz, these all-in-one processors feature built-in scalers, audio embedding/de-embedding, IR control, IP and RS-232 connectivity, and more. This integration reduces hardware complexity and boosts system reliability, saving space and simplifying 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 supports Video Wall configurations of up to 7 different modes with each monitor.

 **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



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



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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. 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.





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SVC BEST OF SHOW
INFOCOMM WINNERS 2023

 **8X8 MATRIXING**
8x HDMI Inputs that can be independently routed to 8 HDMI Outputs


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


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

BG-4K-VP1616

16X16 4K UHD SEAMLESS HDMI MATRIX SWITCHER/
VIDEO WALL PROCESSOR/MULTIVIEWER WITH
SCALER/IR/AUDIO/IP/RS-232

The BG-4K-VP1616 supports sixteen HDMI inputs that can be independently routed to HDMI Outputs. The BG-4K-VP1616 supports video wall configurations of up to 7 different modes with each monitor. It can also display sixteen pictures on the same screen and has multiple split display modes.

 **16X16 MATRIXING**
16x HDMI Inputs that can be independently routed to 16 HDMI Outputs

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

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



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BZBGEAR Long Range Seamless Matrix, Video Wall and Multiview

Long Range Seamless Matrix, Video Wall, and Multiview systems are advanced all-in-one AV solutions that combine seamless switching, video wall processing, and multiview functionality - now with extended transmission capabilities over CAT5e/6/7 cables.

Designed for large-scale environments, these devices are ideal for enterprise AV systems, command centers, educational campuses, and any application requiring long-distance signal distribution with uncompromised quality. These powerful processors enable instant, uninterrupted switching between multiple HDMI sources, while also supporting video wall configurations with flexible screen layouts and real-time multiview monitoring — all from a single chassis.

Whether you're deploying a wide-reaching video wall or need centralized control across multiple distant displays, these long-range systems provide a unified, high-performance solution.



BG-4K-VP44PRO

4X4 4K UHD SEAMLESS HDMI MATRIX SWITCHER/ VIDEO WALL PROCESSOR/MULTIVIEWER OVER CAT5E/6/7 KIT WITH 4 RECEIVERS

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.



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



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



MULTIVIEW MODE
Display 4 different sources on the same screen



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BG-4K-VP99PRO

9X9 4K UHD SEAMLESS HDMI MATRIX SWITCHER/ VIDEO WALL PROCESSOR/MULTIVIEWER OVER CAT5E/6/7 KIT WITH 9 RECEIVERS

The BG-4K-VP99PRO is a highly versatile HDMI matrix switcher/video wall processor/ multiviewer, perfect for professional AV installations. Offering exceptional connectivity with 9 HDMI inputs, outputs, and loopouts, it extends HDMI signals up to 70 meters over CAT5.



SIGNAL EXTENSION
Extent your HDMI outputs up to 70m (230ft) over category cable



AUDIO ROUTING
External audio embedding and de-embedding audio from the outputs.
Independent audio matrixing



MULTIVIEW MODE
Display up to 9 sources on one screen or make custom layouts



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BG-4K-VP1616PRO

16X16 4K UHD SEAMLESS HDMI MATRIX SWITCHER/ VIDEO WALL PROCESSOR/MULTIVIEWER OVER CAT5E/6/7 KIT WITH 16 RECEIVERS

The BG-4K-VP1616PRO supports sixteen HDMI inputs that can be independently routed to HDMI or LAN Outputs. It supports video wall configurations of up to 7 different modes with each monitor. It can also display 16 pictures on the same screen and has multiple split display modes.



x 16 Receivers



16X16 MATRIXING
16x HDMI Inputs which can be independently routed to 16x HDMI Outputs



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



MULTIVIEW CAPABILITIES
Up to 16 sources can be displayed on each output in different layouts



BEST MATRIX SWITCHER - 2024
COMMERCIAL INTEGRATOR
BEST AWARDS WINNER



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BZBGEAR AWARDS

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



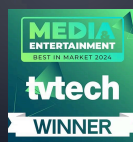
TOP NEW TECHNOLOGY (TNT) AWARD 2025



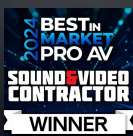
BEST OF SHOW AT ISE 2025



SVC INNOVATIVE PRODUCTS: READERS' CHOICE 2024



MEDIA & ENTERTAINMENT: BEST IN MARKET 2024 AWARDS



PRO AV BEST IN MARKET AWARDS 2024



BEST OF SHOW - IBC2024



BEST OF SHOW - CEDIA 2024



AV AWARDS 2024 - FINALIST



COMMERCIAL INTEGRATOR BEST AWARDS 2024



SCN INSTALLATION PRODUCT AWARDS 2024



2024 SCN STELLAR SERVICE AWARDS



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



TOP 5 PRODUCTS FOR CHURCHES FROM NAB 2024



2024 INAVATION AWARDS TECHNOLOGY FINALIST - ISE 2024



BEST OF SHOW - ISE 2024: AV TECHNOLOGY WINNER



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

See more BZBGEAR Awards at bzbgear.com/awards



ABOUT BZBGear

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

OUR PRODUCTS

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

WHAT BZBGear HAS TO OFFER

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

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

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

LIMITED PRODUCT WARRANTY TERMS

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

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

Cables: Lifetime Limited Product Warranty.

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

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

BZBGear WARRANTY

Pro Line Product

5-YEAR WARRANTY

Essential Line Product

3-YEAR WARRANTY

Cables Product

LIFETIME WARRANTY

Learn more about BZBGear at bzbgear.com/company



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2025

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