BZBGEAR®
Amplify Your World™

Catalog 2025

Video Wall Processors

Professional AV And Broadcasting Solutions

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.

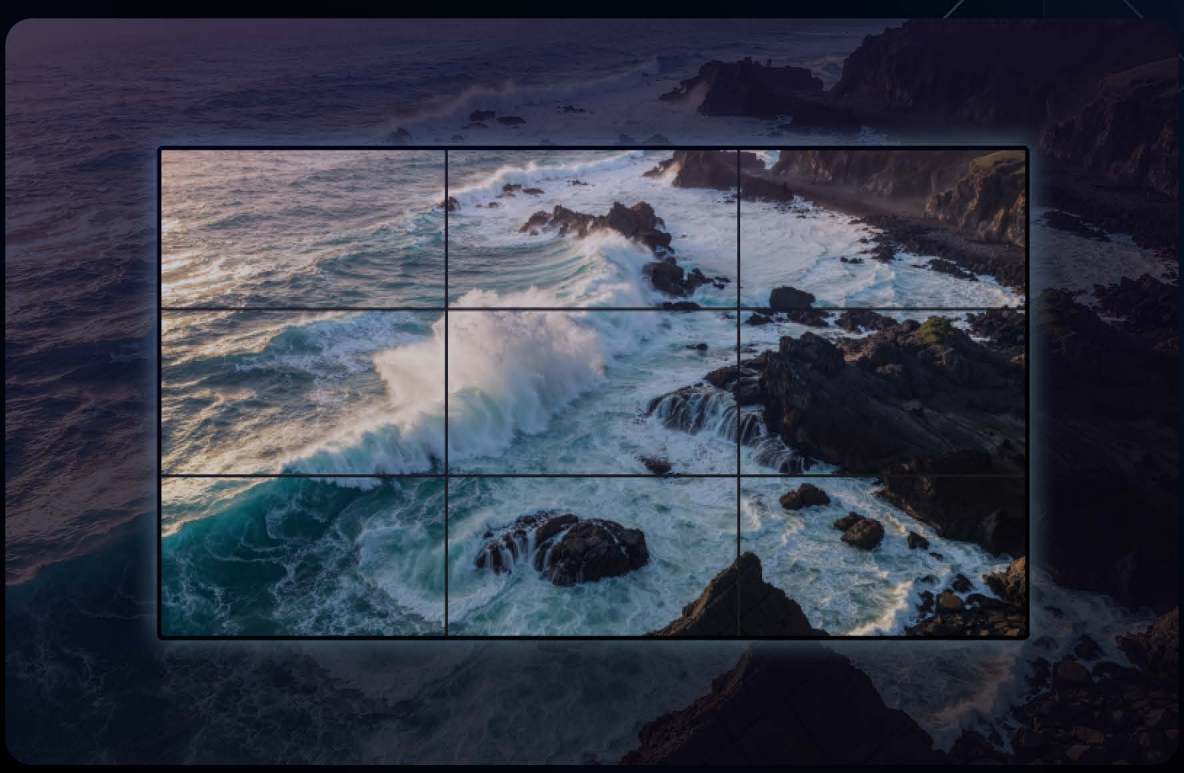
BZBGEAR video wall processors cater to a wide range of needs, from essential setups to advanced, feature-rich systems. All our processors support multiple video wall configurations, integrated audio, and user-friendly control options, ensuring a seamless experience for your video projects.

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-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

TAA COMPLIANT

Check out this item on our website

BG-UHD-VW2X2A

2X2 4K UHD HDMI/USB-C SWITCHER AND VIDEO WALL CONTROLLER WITH AUDIO DE-EMBEDDING

The BG-UHD-VW2x2A 18Gbps 1x4 Video Wall Controller is a versatile and powerful solution for creating stunning video wall displays. Designed to capture, convert, route, and distribute all-format signals to video walls with true digital signal transmission, this controller supports HDMI and USB-C inputs with resolutions up to 4K@60Hz 4:4:4, and provides four HDMI outputs. It supports multiple video wall modes and includes optical audio and L/R analog audio de-embedding outputs. s

FLEXIBLE CONTROL OPTIONS
Operate the controller via front panel buttons, an IR remote, and RS-232 commands for ultimate convenience

MULTIPLE VIDEO WALL MODES
Supports 8 video wall splicing modes including 1x1, 2x1, 3x1, 4x1, 1x2, 1x3, 1x4, and 2x2 configurations

AUDIO DE-EMBEDDING
Supports optical audio and L/R analog audio de-embedding outputs for enhanced audio flexibility

Check out this item on our website

BG-UHD-VW24

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

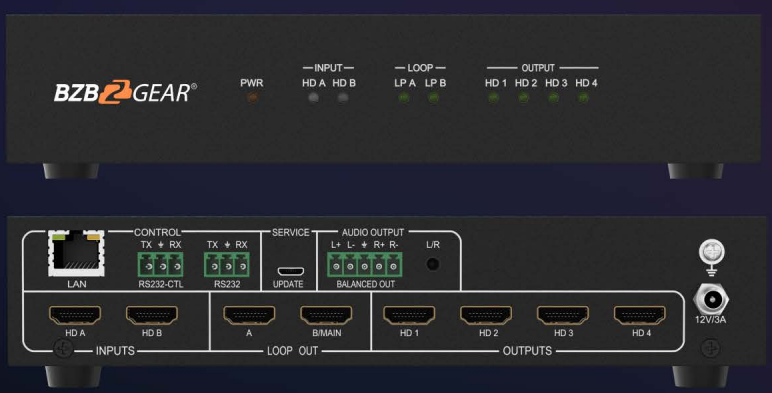
The BG-UHD-VW24 - HDMI 2.0 video wall controller from BZBGEAR, an innovative solution for all your video wall processing needs. This powerful controller features 2 HDMI inputs and 2 HDMI loop outs, as well as 4 HDMI scaling outputs, providing seamless and efficient video processing.

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

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 on our website

BG-UHD-VWP-1X4

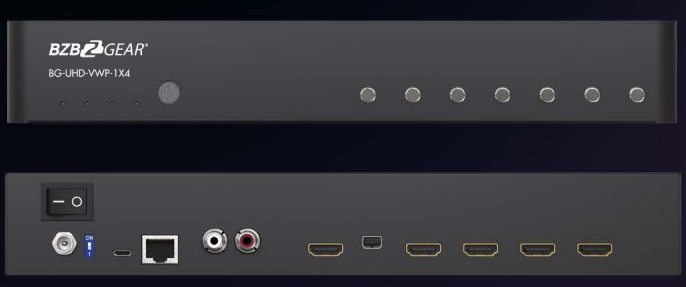
4K UHD HDMI/DISPLAYPORT VIDEO WALL PROCESSOR WITH SCALER/AUDIO FOR UP TO 4 TVS

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 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



TAA COMPLIANT

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BG-MVS4X4-CV

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

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

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

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

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

Check out this item on our website

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

Check out this item on our website

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.

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 on our website

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

Check out this item on our website

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

BZBGEAR Technology of the Year Finalist AV AWARDS 2023

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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2023 BEST OF SHOW InfoComm SOUND & VIDEO CONTRACTOR WINNER

SVC BEST OF SHOW INFOCOMM WINNERS 2023

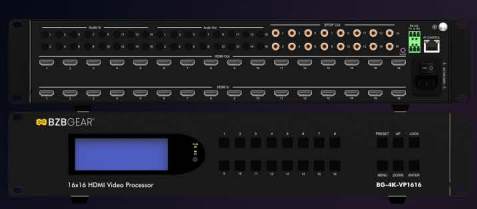
8X8 MATRIXING
8x HDMI Inputs that can be independently routed to 8 HDMI Outputs

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

Check out this item on our website

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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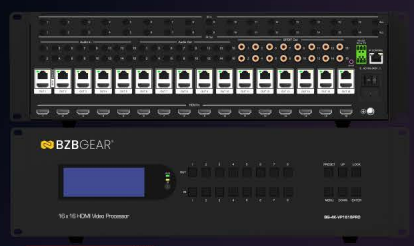
BEST MATRIX SWITCHER - COMMERCIAL INTEGRATOR 2023 BEST AWARDS

BG-4K-VP1616PRO

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



x 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.

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!

BEST OF SHOW AWARDS AT INFOCOMM 2025

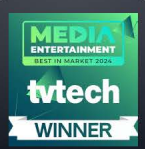
COMMERCIAL INTEGRATOR BEST AWARDS 2025

2025 SCN STELLAR SERVICE AWARDS

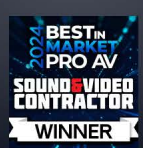
TOP NEW TECHNOLOGY (TNT) AWARD 2025

BEST OF SHOW AT ISE 2025

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

See more BZBGEAR Awards at bzbgear.com/awards

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2025

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