



RGB Spectrum Now Offering the MediaWall® X Distributed Video Wall Processor System

Ultra-compact and powerful, MediaWall X's serverless architecture delivers scalable, synchronized video wall processing for mission-critical operations.

ALAMEDA, California – June 9, 2026 – [RGB Spectrum®](#), a global leader in mission-critical, real-time audio-visual solutions, is now offering the *MediaWall® X*, a next-generation distributed video wall processor designed to simplify deployment, reduce infrastructure requirements, and deliver scalable visualization for control rooms, operations centers, security control rooms, and other demanding environments.

Unlike traditional video wall solutions that rely on centralized, monolithic hardware, *MediaWall X* utilizes a distributed, serverless architecture with multiple input and output endpoints to form a synchronized video wall system. The result is a highly scalable platform that reduces system complexity while enabling expanded video wall capabilities as operational requirements evolve.

“Organizations are looking for video wall solutions that are easier to deploy, easier to scale, and easier to maintain,” said Scott Norder, COO of RGB Spectrum. “*MediaWall X* delivers the performance required for mission-critical visualization while eliminating many of the infrastructure challenges associated with traditional video wall architectures.”

MediaWall X combines video decoding, graphics processing, and networking in a system comprising ultra-compact endpoints that can be installed near video sources and displays, reducing rack space requirements and simplifying system design. The system utilizes *MediaWall X* decoder/display devices and *Zio®* 5000 and 2100 Series signal source encoders, plus third-party H.264 (AVC) and H.265 (HEVC) video sources, including IP cameras.

Designed for demanding visualization applications, *MediaWall X* supports video walls with up to 64 4K60 displays, with video content distributed across display endpoints to create a seamless

viewing experience. Each display endpoint can drive up to four 4K60 HDMI displays while decoding multiple video streams up to 8K resolution.

Key features include:

- Distributed, serverless video wall architecture
- Encoder and decoder/display endpoints
- Support for H.264 (AVC), H.265 (HEVC), HTML5, and HDMI content sources
- Up to four 4K60 display outputs per decoder/display endpoint
- Scalable deployments supporting up to 64 4K60 displays or 256 HD displays
- Automatic device discovery and configuration
- Drag-and-drop source management and flexible wall layouts
- Hardware-based encryption and hardened Linux operating system
- Full TAA compliance

MediaWall X is engineered to support operations in mission-critical environments where reliability, security, and situational awareness are essential. The system enables operators to visualize information from multiple sources, with the flexibility to instantly adapt layouts and workflows as requirements change.

MediaWall X is available now through RGB Spectrum and its authorized partners worldwide. For more information, visit rgb.com/mediawall-x.

About RGB Spectrum

RGB Spectrum is a leading designer and manufacturer of mission-critical, real-time audio-visual solutions for civilian, government, and military client bases. The company offers integrated hardware, software, and control systems to satisfy the most demanding requirements. Since 1987, RGB Spectrum has been dedicated to helping our customers achieve *Better Decisions. Faster.*™ Learn more at rgb.com.

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