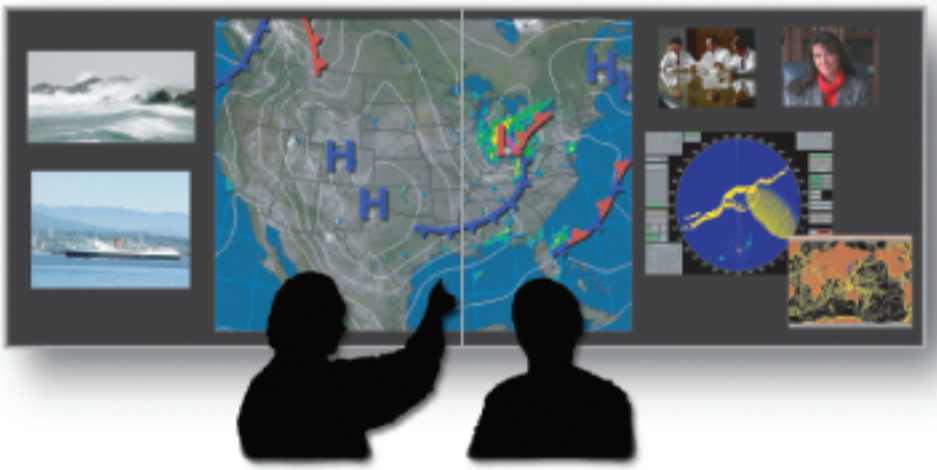


NEW

- Fully real time - no dropped frames
- Robust 24 / 7 operation
- Up to 4 RGB / DVI / HDTV and 2 video inputs
- Up to 2 output screens per processor
- Up to 1920 x 1200 pixel input / output
- Control via web browser
- Embedded operating system
- Redundant power supplies
- Downloadable backgrounds and foregrounds
- Borders and titles
- Mullion compensation
- Rugged and compact 2U enclosure
- Plug and play architecture

MULTI-SCREEN CONTROLLER FOR VIDEO/DATA DISPLAY

MEDIAWALL 1500

Real Time Display Wall Processor

The MediaWall® 1500 is a fully real time video/data wall processor for a 1 x 2 array of screens. It is the newest member of the MediaWall family. Unique among display wall processors, the MediaWall 1500 is based on a custom, high performance architecture rather than a PC, with faster updates, more display flexibility, robustness and security.

The MediaWall 1500 processor can display up to four graphics and two video signals simultaneously anywhere, any size, on the screen array, within or across screens, in correct aspect ratio or stretched to fit, in whole or zoomed to emphasize details. Unlike other video/data walls, the MediaWall processor has essentially no limits on display alternatives; the multi-screen array forms a truly virtual screen in which any display of windows is possible. The system is fully real time, with no dropped frames.

The system offers plug-and-play capability with a wide range of inputs. Graphics signals are selectable up to 1920 x 1200 pixels in RGB or 1600 x 1200 pixels in DVI format. HDTV inputs are also supported, up to 1080p. Video inputs may be composite, component or S-Video. Background images, up to the aggregate resolution of the display wall, can be loaded from compact flash cards or over a network.

Control is offered via RS-232 or Ethernet port. A web browser based control system provides both local and remote operation. The user interface provides a graphical representation of the wall with "drag and drop" window positioning and scaling.

The system offers 24/7 robustness. It comes packaged in a compact 2U rack mountable enclosure with replaceable air filter, redundant power supplies, and thermostatically controlled fans, providing an excellent solution for challenging environments. Most importantly, the MediaWall processor provides the security and reliability of an embedded operating system.

The MediaWall processor works with any tiled display and provides mullion adjustment to compensate for dead space. Output resolution can be adjusted to the exact resolution of the display used, up to 1920 x 1200 pixels.

The MediaWall 1500 is unbeatable for mission critical, real time operations.

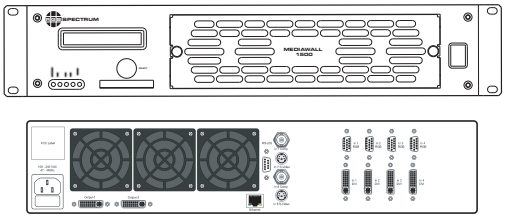
Command centers

Control rooms

Communication hubs

Network operations centers

Emergency operations centers



The MediaWall processor offers a true plug-and-play architecture, with ease of set-up similar to a matrix switcher.

Specifications

High Resolution Inputs

RGB Analog — Interlaced or non-interlaced

Number / Type	4 x analog RGB / YP_bP_r / HDTV
Video Level	Nominal 0.7V pk - pk (1.0V composite pk - pk)
Input Impedance	75 Ohms
Sample Rate	Up to 165 MHz
Horizontal Scan Rate	12 kHz to 125 kHz
Frame Rate	Up to 100 Hz
Resolution	640 x 480 - 1920 x 1200 pixels
Sync	Sync on green, separate composite sync, or separate H-drive and V-drive.

DVI Digital

Number	4 x DVI single link (up to 1600 x 1200)
Connector type	DVI-I (Integrated analog / DVI 29 pin connector)
Maximum bandwidth	1.65 Gbps / channel

Video Inputs

Analog Composite

Number	2 x composite 2 x S-Video
Video Level	Composite 1.0 V pk - pk nominal
Format	625 line PAL, 525 line NTSC
Input impedance	75 Ohms
Connector type	Composite video: BNC (female) S-Video: 4 pin mini DIN (female)

High Resolution Outputs

Number / Type	2 x RGB analog / DVI digital
Resolution	640 x 480 - 1920 x 1200 pixels
Video Level	Nominal 0.7V pk - pk
Sample Rate	Up to 165 MHz
Sync	Sync on green, separate composite sync, or separate H-drive and V-drive.

DVI

Maximum bandwidth	1.65 Gbps / channel (DVI Single link)

Features

Labels, borders, backgrounds, logos, pan and zoom, presets, mullion compensation, freeze frame, compact flash card reader

Other

Power	100 - 264 VAC autorange 47 - 440 Hz. Less than 100W
Control	Command line using RS-232, or Ethernet 10/100 BASE-T Graphical User Interface using internal web server
Size	Width 17.25" Depth 18" Height 3.5"
Weight	25 lbs. (11 kg)

February 2007
Specifications subject to change without notice
Made in the USA

#A5999 ISO9001:2000
RGB SPECTRUM