THE MEDIAWALL EDGE BLEND UNIT

Smooth Edge Blend

Adjustable Blend Width

Adjustable Gamma Curve

Adjustable Black Level Compensation

Analog and DVI Inputs

Up to 1920 x 1200 and 1080p Input / Output

Internal 4:4:4 Color Processing

Analog and DVI Output to Projector

RS-232 and IP Interfaces

On-Screen Menu

Non-Volatile Settings

Variable Image Zoom -0.1X to 10X

Optional Single / Dual Rackmount Kit

Edge-blending is a method whereby two or more video/data projectors are used together, with part of their images overlapping to create a seamless presentation on a wide screen. The term "edge blending" relates to the fact that the overlap needs to be carefully handled to prevent brightness discontinuities.

The Edge Blend Unit is an accessory device for all MediaWall® display processors. It provides the ability to feather the overlapped edges of the MediaWall's outputs to create a seamless projected display. Outputs can be aligned vertically and horizontally. Each unit handles a single channel and is placed inline between the MediaWall processor and the projector. Using multiple units, seamless displays up to 2 x 3 are possible.

Resolutions up to 1920 x 1200 and HD 1080p are supported in either RGB or DVI format. Gamma and black level correction are employed to compensate for the problems faced when blending projectors. An On-screen menu and Web Control Panel application make the set-up procedure quick and easy.

RGB SPECTRUM®
visual resource management™

Specifications

Input / Output Signals ───────────────────────

Type / Number	1 x RGB / YUV / Y Pb Pr / HD 1 x DVI	
Resolution	640 x 480 to 1920 x 1200 720p and 1080p HD	
Maximum Pixel Clock	162 MHz	
Horizontal Frequency	15 kHz to 150 kHz	
Sync Type	Sync on green, separate composite sync, or separate H-drive and V-drive Tri level sync for Y Pb Pr 1080i/p and 720p Outputs	
Connectors	RGB: HD D-sub (input and output) DVI: 29-pin DVI-I (RGB on output)	

Other ───────────────────────

Power	12 VDC @ 1A (Locking Connector)	
Control	Ethernet 10/100 BASE-T RS-232 On-screen Display Web Control Panel application (Windows 2000 & XP)	
Size	Width 6.6" (218 mm) Depth 5.8" (147 mm) Height 1.6" (41.5 mm)	
Rackmount	Rackmount shelf available (holds up to 2 units)	
Weight	2.6 lbs (1.2 kg)	