Edge Blend Unit

Smooth Edge Blend

Adjustable Blend Width

Adjustable Gamma Curve

Adjustable Black Level

Analog and DVI Inputs Up to 1920 x 1200 and

1080p Input / Output

Internal 4:4:4 Color Processing

to Projector

-0.1X to 10X

On-Screen Menu

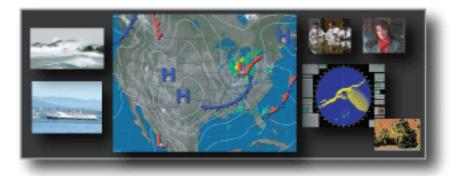
Non-Volatile Settings Variable Image Zoom

Optional Single / Dual Rackmount Kit

Analog and DVI Output

RS-232 and IP Interfaces

Compensation



THE MEDIAWALL EDGE BLEND UNIT

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.



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

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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)



