



### ActiveScene - Intelligent Display Solutions

The Sharp ActiveScene™ is an innovative turnkey solution that combines NEC projection technology and the Avery Dennison Vela Dynamic Display System with a complete site survey and installation process delivering the perfect solution for dynamic advertising and digital media. ActiveScene is adaptable to windows of any dimension, transforming transparent windows to advertising display screens, alerting customers and onlookers about promotions, flash sales, and new products.

The ActiveScene solution offers a large display canvas without bezels to distract from the image. The many installation options deliver the flexibility to adapt to most locations. In addition, the base solution includes everything needed for a standard installation, including a media player and Content Management System (CMS).

### Ideal Application Areas

- Exciting customer-facing retail advertising
- Dynamic, engaging exhibits in museums
- Privacy and collaboration applications in corporate environments
- Retrofit installation in quick serve restaurants
- Eye-catching merchandising in sports arenas

### ActiveScene Solution Components

Sharp ActiveScene is a complete signage solution and includes everything necessary to transform a glass wall into a dynamic media canvas.

- NEC projector, lens and standard mount
- Vela film
- Vela designated controllers
- Media player
- Basic CMS

### ActiveScene Solution Delivers

- Excellent screen quality for rear projection
- 178° viewing angle
- Flexible use of open-concept space
- Innovative technology in the work environment
- Ability to connect to smart home apps
- Whiteboard functionality
- Site survey and installation
- Control of 1 or more Vela sheets as independent screens
- Easy maintenance
- 3 year warranty on system including Vela film with 5 year warranty on projector

# ActiveScene

## Retail

Reinvent the way promotions are utilized to engage customers. Storefronts almost always incorporate glass panels that allow customers to see directly into the store. With ActiveScene you can transform that glass into a marketing centric piece that switches between clear glass and dynamic promotional material. Whether the promotion is tied to the company's branding efforts or is product specific, the material will engage and draw attention from customers.

Marketing and promotional material can be viewed by your customers when the Vela film is in its opaque state. When opaque, the glass becomes a rear projection screen and all content is shared outside the storefront to the passersby. The included CMS can schedule these transitions along with content changes for an intentional, dynamic experience.



## Museum

Museums vary greatly in how material is presented to the audience. The dynamics utilizing visual displays help set the tone and create an experience that is designed to keep visitors returning. The introduction of ActiveScene to the environment brings a completely new way to tell stories and bring the exhibit to life.

Reinvent dioramas to enhance the overall story. ActiveScene brings the diorama to life, allowing a story to be told on the glass before turning transparent to reveal the diorama.





## Corporate

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Boardrooms, conference rooms, lobbies and large gathering spaces within the corporate environment typically have glass that is under-utilized. ActiveScene can provide privacy upon request and, at the same time, a screen for marketing messages.

Viewers observing ActiveScene will be amazed how projected material can transform an open space into a marketing stage by using its innovative technology: a transformation from transparent to translucent that occurs instantly, creating a dynamic experience.



## Corporate Collaboration

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No more cumbersome installations of whiteboards or easels within your meeting rooms, training rooms or corporate boardrooms. ActiveScene turns traditional glass into a whiteboard surface. Take notes, share ideas when brainstorming all while keeping the discussions private.



Light Output (lumens)		10000	8,200	6,000
Resolution	Native	WUXGA 1920 x 1200		
Contrast Ratio	Projector	10,000:1 with Dynamic Black	3,000,000:1 with light adjust	600,000:1 with Light Adjust
Screen Size (Min)		(4' x 5') or (5' x 4')	(4' x 5') or (5' x 4')	(4' x 5') or (5' x 4')
Screen Size (Max)		(6' x 10') or (10' x 6')	(8' x 12') or (12' x 8')	(6' x 10') or (10' x 6')
Input Terminals	RGB1 (analog)	VGA 15 pin D-sub, Component video using ADP-CV1E adapter		
	RGB2 (digital)	HDMI (V2.0) w/HDCP (V1.4/2.2)		HDMI w/ HDCP (v1.4)
	RGB3 (digital)	DisplayPort w/HDCP (V1.4)	HDMI (V2.0) w/HDCP (V1.4/2.2)	
	RGB4 (digital)	DisplayPort w/HDCP (V1.4)		HDBaseT
	RGB5 (digital)			HDBaseT w/HDCP (V1.4/2.2)
Output Terminals	Monitor Out	HDMI (V2.0) w/HDCP (V1.4/2.2)		HDBaseT w/HDCP (V1.4/2.2)
External Control		RS-232, IR, DDC/CI		
Control Terminals		HDBaseT, LAN, PC Control (D-Sub 9-Pin), Wired Remote (Stereo Mini Jack), Trigger (Stereo Mini Jack)	RS-232, IR, HDBaseT, DDC/CI, RJ-45, USB (USB 2.0)	RS-232 (D-Sub 9pin), IR, RJ45
Power Requirements	Projector	100-240V AC, 50/60 Hz		
Input Current		11.6A	8.6A - 3.8A	5.5A - 2.3A
Power Consumption				
(Boost Mode/Normal Mode/Eco Mode/Standby Sleep/Standby Normal)	Projector	1220W / 625W / 4.3W / 0.2W	635W / 515W / 0.8W / 0.22W	367W / 261W / 1.4W / 0.13W
Product Dimensions (WxHxD)	Projector	19.7 x 22.9 x 8.5 in. / 500 x 583 x 216mm	23.6 x 8.5 x 19.3 in. / 599 x 216 x 490 mm	18.9 x 16.0 x 5.6 in. (480 x 407 x 142.5 mm)
Net Weight	Projector	63.9 lbs. / 29.0 kg	53.1 lbs. / 24.1 kg	21.4 lbs. (9.7 kg)
Fan Noise		42 dB normal / 38 dB eco	30 dB normal / 28 dB eco	28dB (HIGH BRIGHT) / 25dB (OTHERS) / 19dB (ECO)
Regulations	US	USA UL60950-1: 2nd edition, FCC Part15 Subpart B(ANSI C63.4.2014)	USA UL60950-1: 2nd edition, FCC Part15 Subpart B(ANSI C63.4.2014)	UL60950-1:2nd edition,2014, UL62368-1:2nd Edition, FDA, FCC Part15 Subpart B(ANSI C63.4:2014), Proposition6S, TPCH
	Canada	CAN/CSA C22.2 No.60950-1-07,2nd Edition,2014, ICES-003 Issue6(ANSI C63.4:2014)	CAN/CSA C22.2 No.60950-1-07,2nd Edition,2014, ICES-003 Issue6(ANSI C63.4:2014)	CAN/CSA C22.2 No.60950-1-07,2nd Edition,2014, ICES-003 Issue6(ANSI C63.4:2014)
Operating	Temperature	41-104°F / 5-40°C		
	Humidity	20-80% non-condensing		
Storage	Temperature	-4-140°F / -20-60°C		
	Humidity	10% - 85% (non-condensing)		
Vela Film		Value		
		OFF		ON
Appearance		Translucent		Clear
Parallel Visible Light Transmittance		3%		78%
Total Visible Light Transmittance		65%		81%
Haze		>99%		3%
Switching Time		OFF4ON = 10msec		ON4OFF = 150msec
Power Requirements	Controller	70 VAC sq wave, 25-30, 32, 50-60 Hz		
Input Current	Controller			
Power Consumption	Controller	2-4W		
Product Dimensions (WxHxD)	Controller (Single Channel)	4.0 x 1.5 x 6.7 in. / 102 x 39 x 165 mm		
	Controller (Multi Channel)	4.0 x 1.5 x 6.5 in. / 102 x 39 x 222 mm		
Net Weight	Controller (Single Channel)	1.5 lbs. / 0.68 kg		
	Controller (Multi Channel)	2.0 lbs. / 0.92 kg		
Operating	Temperature	14-158°F / -10-70°C		
Vela Film	Scratch-resistant hard coating to ensure easy, scratch-free maintenance			
	Advanced controller hardware delivers best performance:			
	Improved power protection			
	Compatibility with smart systems & wifi			
	Multi-window control			
	Customization: Laser cut to different shapes and sizes			
		Low energy consumption		





SHARP ELECTRONICS CORPORATION  
100 Paragon Drive, Montvale, NJ 07645  
1-800-BE-SHARP • www.sharpeddisplays.us

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