



# ENVISION BRILLIANCE

Envision-SMD is a bright, vibrant, LED display with all-weather performance. Higher resolution options create unforgettable visual experiences.

ENVISION-SMD: 6.667mm pixel pitch (3'9" h x 8'4" w)



## ENVISION-SMD OUTDOOR LED DISPLAY TECHNOLOGY



**±5,500 NITS HIGH BRIGHTNESS<sup>1</sup>**

x11 Brighter than an LCD TV<sup>1</sup>. View in full daylight and dimmable at night.

<sup>1</sup>Select Models. Based on LCD TV avg. 500 Nits.

**6.667-10MM**

**PIXEL PITCH OPTIONS**

Large IP65 SMD tiles, ±100,000<sup>2</sup> hours lifetime, 281 trillion colors.

<sup>2</sup>Approximate



**IP65 FRONT/IP54 REAR ALL-WEATHER TESTED**

UV, salt-mist, vibration, ±temperature, voltage, and x2 waterproof tested.



**160° HORIZONTAL VIEWING ANGLE**

View the display easily from wide angles creating greater visual impact.



**DIAGNOSTIC UTILITY<sup>4</sup>**

Display, power, data, tile, and pixel<sup>5</sup> health alerts sent by email or online on demand.

<sup>4</sup>Additional fee. Internet service required. <sup>5</sup>Optional.



**OPTIMIZED VIEWING EXPERIENCE**

±1920 Hz, 60 FPS smooth, full motion, video playback.



**CONNECTIVITY**

Network with, Ethernet, wireless<sup>5</sup>, WiFi<sup>5</sup>, Fiber Optic<sup>5</sup>, or cellular<sup>5</sup> technology.

<sup>5</sup>Optional



**FRONT SERVICEABLE**

Front service allows for fast, easy maintenance.



**CLOUD-BASED SOFTWARE<sup>6</sup>**

Control, network, and diagnose displays from anywhere.

<sup>6</sup>Optional. Internet service required.



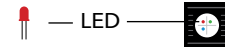
**3 YEAR WARRANTY<sup>7</sup>**

3-Year parts and in-factory labor. 10-Year parts availability.

<sup>7</sup>Standard warranty.

# ENVISION-SMD

## OUTDOOR LED DISPLAY TECHNOLOGY



SMD\* Pixel  
(1R-1G-1B LED in 1)  
\*Surface Mounted Diode

### Display

Pixels (mm)	Brightness (Nits)	Tile Matrix (HxW)	Module Resolution Pixels (HxW)	
6.667	5,500*	36x48	108	144
			108	192
			144	144
			144	192
			180	144
			180	192
8	5,500*	30x40	90	120
			90	160
			120	120
			120	160
			150	120
			150	160
10	5,500*	24x32	72	96
			72	128
			96	96
			96	128
			120	96
			120	128

### Enclosure

Cabinet Size <sup>1</sup> (Inch) (HxW)		Cabinet Depth (Inch) (D)	Cabinet Weight (lbs)	Power Max. (Watt)		
28.35	37.80	6.7	79"	533		
					28.35	50.40
					37.80	37.80
					37.80	50.40
					47.24	37.80
					47.24	50.40
28.35	37.80	6.7	79"	533		
					28.35	50.40
					37.80	37.80
					37.80	50.40
					47.24	37.80
					47.24	50.40
28.35	37.80	6.7	79"	487		
					28.35	50.40
					37.80	37.80
					37.80	50.40
					47.24	37.80
					47.24	50.40

\*±5% \*Optional

<sup>1</sup>Min. Cabinet Width = 2 (75.60")

\*±10%

Color	281 Trillion Colors
Viewable Angle*	±160° Horizontal; ±100° Vertical
Contrast Enhancement	Louver w/ Black Textured Mask
Dimming	100 Levels
Average LED Lifetime	±100,000* Hours
Color Processing	16-Bit Grayscale
Color Temperature	6500K (Adjustable)

Cabinet Construction	Aluminum
Cabinet Ventilation	Rear
Serviceability	Front
Waterproofing (Front/Rear)	IP65/IP54
Manufacturing Quality Standard	ISO 9001

### Graphic & Video Support

Display Capability	Video, Graphic, Text
Video Frame Rate	60 FPS
Refresh Rate	±1920 Hz (Adjustable)

### Electrical & Operating Requirements

AC Power	120/240VAC 60Hz.
Operating Temp. / Humidity	± -20°~140°F / ±10~90%

### Communication

Communication	Ethernet, WiFi*, Wireless*, Fiber Optic*, Cellular*
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### Diagnostics\*

Remote / Email	Display, Power, Data, Tile, Pixel**
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\*\*Additional fee. Internet service required. \*Optional.

### Signal

Redundant	Data <sup>1</sup> , Power <sup>2</sup>
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<sup>1</sup>Independent data connections. No daisy chain effect. Dual data signals. \*Optional. For details, contact your Optec dealer or sales consultant.

### Limited Warranty & Service

Warranty	3-Year Parts & In-Factory Labor*
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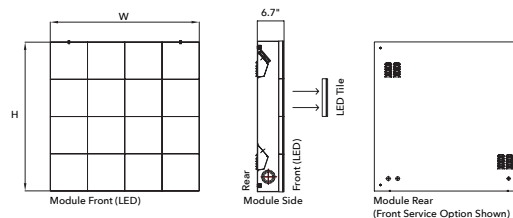
\*Standard warranty.

### Certifications

#### Hardware



<sup>1</sup>FCC Part 15 - Class A compliant. For certification details, contact your Optec dealer or sales consultant.



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