

SB20

20mm Permanent Outdoor Oval LED Panel



Outdoor Arenas



Transportations



Theme Parks



Outdoor Signage



Billboards

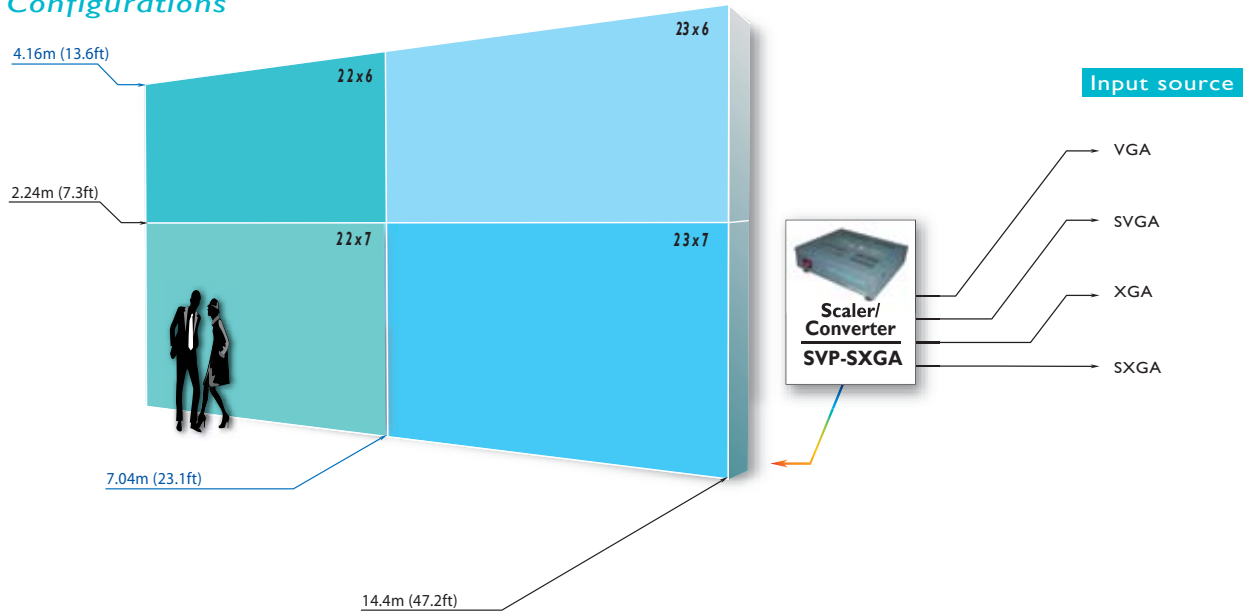


Lighthouse introduces the all new SB20 20mm LED panel, a breakthrough in image quality and performance for the outdoor digital signage market. Designed especially for use in highway billboards, this panel offers 5,000 nits brightness, wide viewing angles and a rugged weatherproof design to ensure perfect visibility and all-weather performance. 16-bit processing and 281 trillion colors allows for stunning visuals that are sure to catch drivers' attention.

Specifically tailored to the US market, each panel measures 14' x 48' and can be separated into 4 pieces, making transport and installation a simple, quick and painless process. For digital signage owners looking to maximize their return on investment, the SB20 billboard is the best solution.

SB20

Configurations



Visual Characteristics		
Brightness	nits	5,000
Viewing Angle - Horizontal (50% brightness)	deg.	140 (+70 /-70)
Viewing Angle - Vertical (50% brightness)	deg.	50 (+20 /-30)
Pixel Configuration	R/G/B	1, 1, 1
Pixel Pitch	mm	20
Colors	trillion	281
Contrast Ratio (Typical)		2,000:1
Processing Depth	bit	16
Video Frame Rate	Hz	50 / 60
Display Refresh Rate (Typical)	Hz	1,000
Modular Characteristics		
Aspect Ratio		45:13
Panel Width	mm / inch	14,400 mm / 567"
Panel Height	mm / inch	4,160 mm / 164"
Panel Depth	mm / inch	251 mm / 10"
Panel Surface Area	sq.m / sq.ft	59.904 sq.m / 645 sq.ft
Panel Weight	kg / lbs	2,720 kg / 5984 lbs
Pixel Resolution	w x h	720 x 208
Max. Power Consumption	watts	38,000
		Europe (240 volts) (1 Phase) / 158.3 amps
		US (110 volts) (1 Phase) / 345.5 amps
Environmental		
Ingress Protection (Front / Rear)	IP	IP65 / IP43
Operating Temperature Range	deg °C	-20 to +50
Lifetime (50% brightness)	hrs	≥75,000

* Alternative processing systems are available for larger screen sizes.
Lighthouse reserves the right to change any specifications without notice.

