

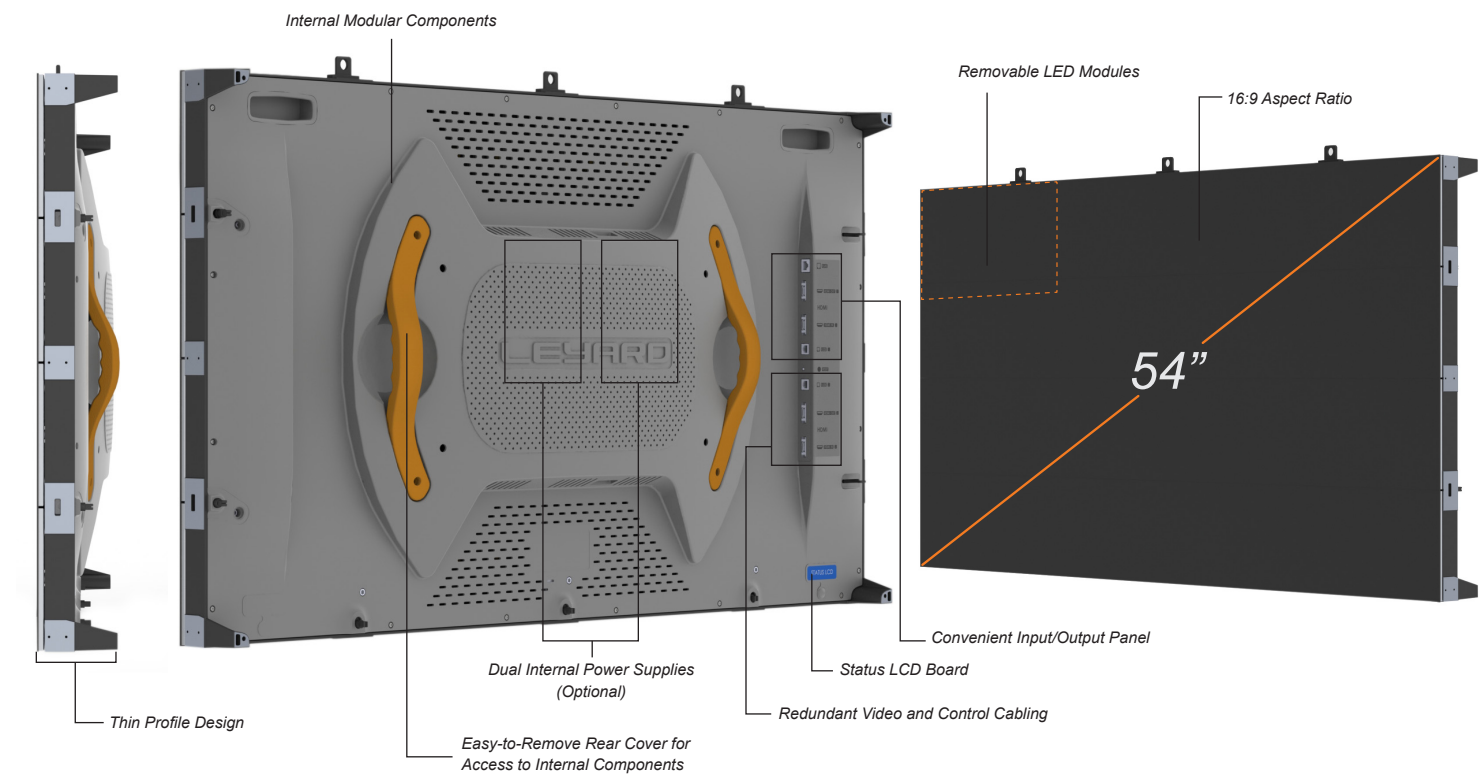


Innovative Design with Leading Power Efficiency

The Leyard® TWA Series is a line of fine pitch LED video walls available in 0.9, 1.2, 1.4 and 1.8 millimeter pixel pitches. Architected to support the highest in pixel density, the Leyard TWA Series delivers benefits unique to its “flat panel” design including a 16:9 form factor optimized for the most popular high resolution standards, ease of installation and service, as well as outstanding flatness and uniformity. With a slim 54” cabinet, power-efficiency and the finest of pixel pitches, Leyard TWA Series LED video walls deliver the pixel density and form-factor to rival LCD and rear projection video walls, but with a truly seamless video wall configuration of any size.

Unique Architecture and Benefits by Design

The Leyard TWA Series was designed by LED video wall experts to address the challenges of LED video wall installations. Every Leyard TWA Series LED video wall display is designed for long-duty cycles, and is available with a redundant video and power option to ensure continuous operation in demanding applications. The larger 54" cabinet means more of the video wall is factory-aligned, easing installation time and costs with fewer displays to align and seams to perfect at installation. Larger displays also mean fewer cabinets are needed to create a video wall, reducing potential points-of-service. Redundancy options and modular internal components reduce downtime and speed serviceability.



16:9 Aspect Ratio — 4K Optimized

17.7ft / 5.4m								
15.5ft / 4.7m								
13.3ft / 4.1m								
11.1ft / 3.4m								
8.9ft / 2.7m								
6.6ft / 2.0m								
4.4ft / 1.4m								
	7.9ft / 2.4m	11.8ft / 3.6m	15.7ft / 4.8m	19.7ft / 6.0m	23.6ft / 7.2m	27.6ft / 8.4m	31.5ft / 9.6m	
Models	1 x 1	2 x 2	3 x 3	4 x 4	5 x 5	6 x 6	7 x 7	8 x 8
Leyard TWA0.9	1280 x 720	2560 x 1440	3840 x 2160	5120 x 2880	6400 x 3600	7680 x 4320	8960 x 5040	10240 x 5760
Leyard TWA1.2	960 x 540	1920 x 1080	2880 x 1620	3840 x 2160	4800 x 2700	5760 x 3240	6720 x 3780	7680 x 4320
Leyard TWA1.4	805 x 452	1610 x 904	2415 x 1356	3220 x 1808	4025 x 2260	4830 x 2712	5635 x 3164	6440 x 3616
Leyard TWA1.8	640 x 360	1280 x 720	1920 x 1080	2560 x 1440	3200 x 1800	3840 x 2160	4480 x 2520	5120 x 2880
	Full HD	1920 x 1080	4K	3840 x 2160	8K	7680 x 4320		

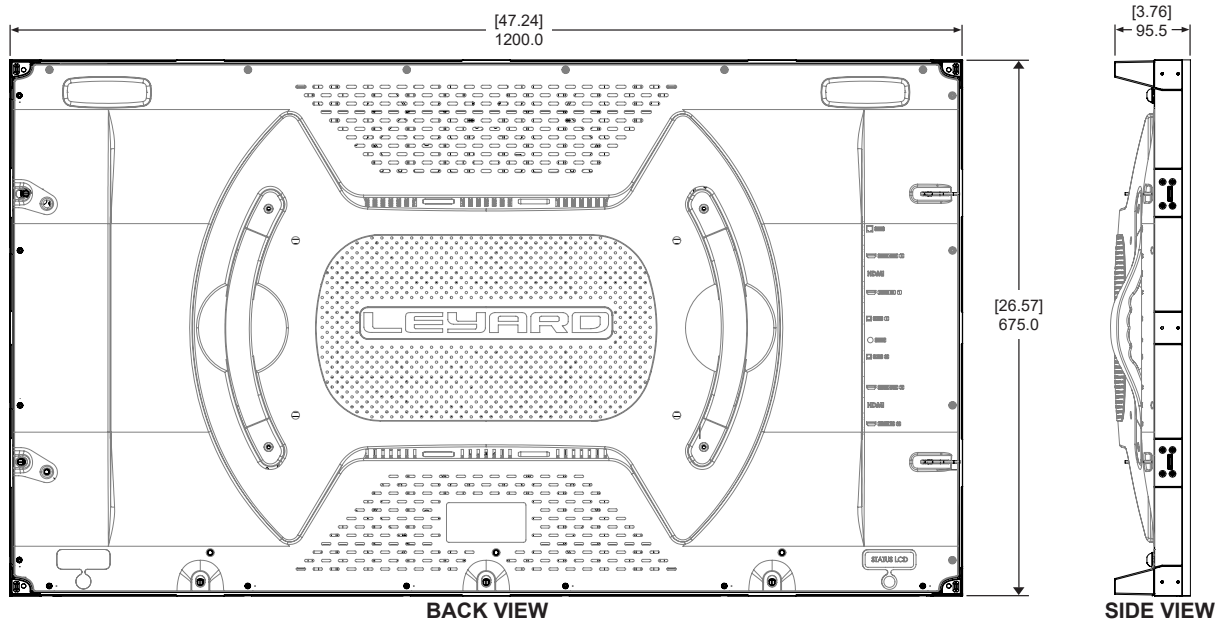


Clarity VCS Video Wall Processor combined with Leyard TWA Series LED video walls delivers a complete all-in-one solution.

LEYARD TWA SERIES SPECIFICATIONS

Model	TWA0.9	TWA1.2	TWA1.4	TWA1.8
Pixel Pitch	0.9375mm	1.25mm	1.49mm	1.875mm
Display Resolution	1280 x 720	960 x 540	805 x 452	640 x 360
Pixel Density (pixels)	1,137,777/sq m 105,703/sq ft	640,000/sq m 59,458/sq ft	450,000/sq m 41,800/sq ft	284,444/sq m 26,422/sq ft
LED type	Commercial grade 3-in-1 Black SMD			
Brightness Max (cd/sq. m)	600	800	800	800
Color Gamut	100% NTSC			
Contrast Ratio	>6000:1			
LED Refresh Rate	1920Hz	3000Hz	3000Hz	5100Hz
Color Temperature, adjustable (K)	3200 - 9300			
Viewing Angle, Horizontal	160°			
Viewing Angle, Vertical	140°			
LED Lifetime: Typical	100000hrs			
Display Size (W x H x D)	1200 x 675 x 100mm 47.24 x 26.57 x 3.94in			
Display Weight (kg/display)	30kg 66.1lb			
Power Consumption, Max. (watts)	440/Display 543/sq m			
Power Consumption, Typ (watts)	132/Display 162/sq m			
Video Inputs	2x HDMI in, 2x HDMI out			
HDCP Compliant	Yes			
Video Input Resolution Maximum	1920 x 1080 @ 60Hz			
Frame Rate	50, 60Hz			
Control Input Type	RS232 or Ethernet			
Line Voltage	100-240V AC, 50/60Hz autoranging			
Power Supply	Single. Dual optional			
Acoustic Noise	Fanless Operation			
Operating Temperature (degrees F/C) 10-80% relative humidity, non-condensing	-10° to 40° C -14° to 104° F			
Storage Temperature (degrees F/C) 10-85% relative humidity, non-condensing	-20° to 60° C -4° to 140° F			
Regulatory Compliance	NRTL UL 60950-1, FCC Class A, CE EN60950-1, EN 55032 Class A and EN55024, WEEE, CISPR 32/2015			

Visit www.Leyard.com for full list of product specifications.



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