

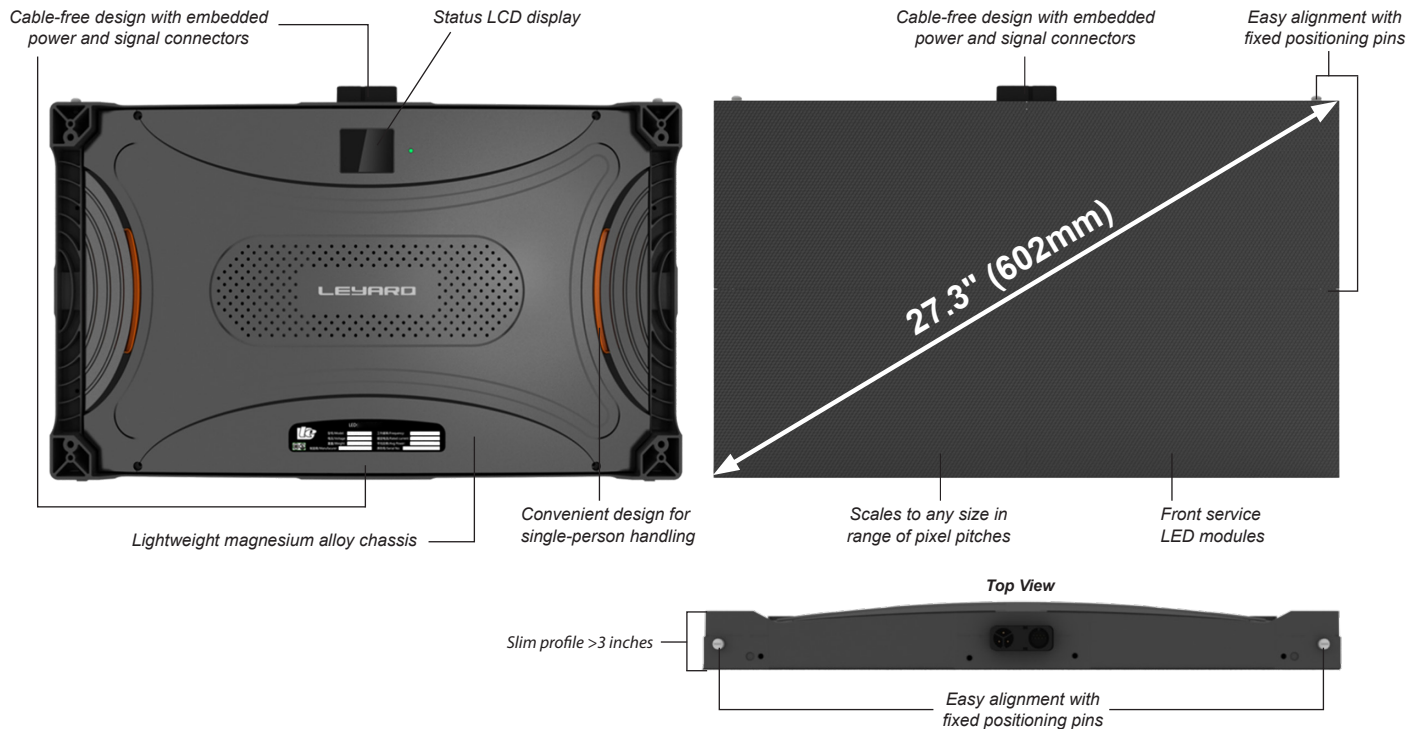
Stackable LED Video Walls

The Leyard® TVF Series is a family of fine pitch LED video wall displays from the worldwide leader in fine pitch LED video walls. Available in 1.5, 1.8 and 2.5 millimeter pixel pitches, the Leyard TVF Series gives new meaning to multi-functionality and quick installation by offering front serviceability and a creative stackable design that eliminates cabinet-to-cabinet cabling and reduces complexity of installation and vertical alignment.

Each Leyard TVF Series display includes embedded power and signal connectors that remove cabinet cabling clutter and offers improved vertical cabinet-to-cabinet alignment, making the process of building an LED video wall cleaner and quicker. With a narrow profile and 27" display cabinet, the Leyard TVF Series delivers 24x7 operation and can easily run with the Clarity® Visual Control Station™ (VCS™) video wall processor or a third party video wall processor.

Engineered to Fit More Applications

Leyard TVF Series was developed with a focus on building a product to advance how flexibility is delivered. With smart features that work together to deliver a LED video wall solution with installation, simplified use and applicable for more environments, the Leyard TVF Series provides a high quality display for the most demanding applications.



Full Size Display with Less Space Consumption

The Leyard TVF Series is engineered with key features that not only reduce the overall space needed to deploy a video wall, but the streamlined design of Leyard TVF Series makes it easier to fit in more spaces while not consuming a large footprint.

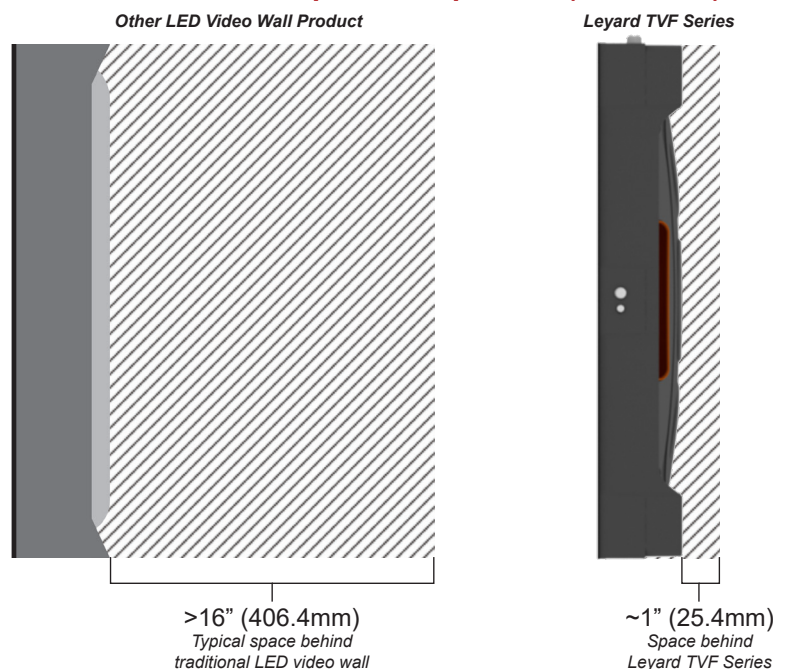
Front Serviceable

Leyard TVF Series cabinets feature a slim profile of less than three inches as well as full front installation and serviceability that drastically reduces the overall video wall footprint and servicing space needed, compared to typical space requirements of other LED video wall solutions.

Cableless & Stackable

The Leyard TVF Series' stackable design incorporates a cableless connection between cabinets, eliminating the need for extra space often required for cabling and personnel to reach the back of cabinets with traditional rear access LED video wall solutions.

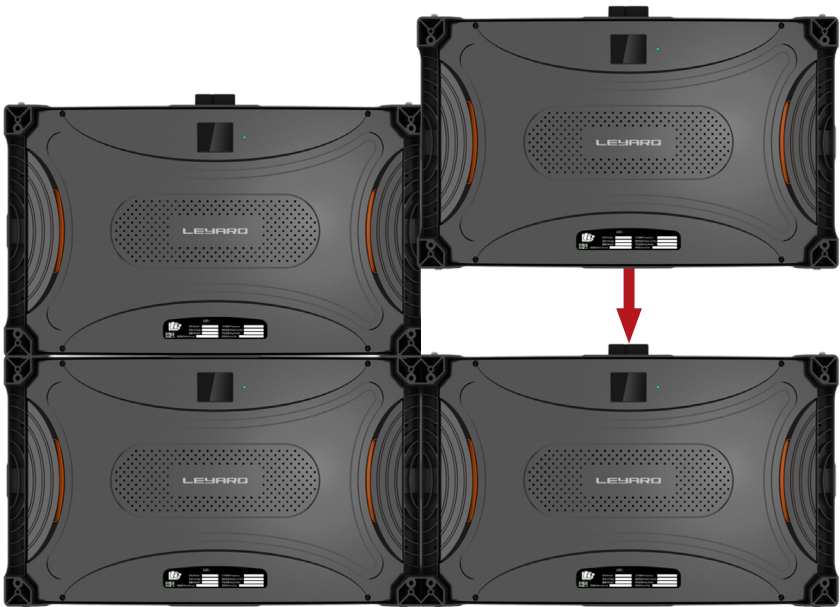
LED Video Wall Space Comparison (Side View)



A Stackable Design for Simple Installation

The Leyard TVF Series is designed to ensure perfect LED video walls with a stackable, cableless design. Similar to building blocks, Leyard TVF Series video walls are assembled by stacking cabinets together. With a single-step process, Leyard TVF Series cabinets connect power and signage down through the column of cabinets.

Additionally, the connection points and two alignment pins located on each cabinet assist in vertically aligning cabinets together, further reducing installation time needed to build an LED video wall.



16:9 Aspect Ratio for Popular Resolutions

The Leyard TVF Series features a 16:9 aspect ratio that allows every pixel pitch to exactly achieve popular resolutions including Full HD, 4K and can also be configure in any video wall configuration to meet the widest range of application requirements.

13.4ft / 4.1m												
12.2ft / 3.7m												
11.2ft / 3.4m												
10.1ft / 3.1m												
8.9ft / 2.7m												
7.8ft / 2.4m												
6.7ft / 2.0m												
5.6ft / 1.7m												
4.5ft / 1.4m												
3.4ft / 1.0m												
2.2ft / 0.7m												
1.1ft / 0.3m												
	2.0ft / 0.6m	4.0ft / 1.2m	6.0ft / 1.8m	7.9ft / 2.4m	9.9ft / 3.0m	11.9ft / 3.6m	14.0ft / 4.2m	15.9ft / 4.8m	17.9ft / 5.4m	19.8ft / 6.0m	21.8ft / 6.7m	23.8ft / 7.3m

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	9 x 9	10 x 10	11 x 11	12 x 12
TVF1.5	384 x 216	768 x 432	1152 x 648	1536 x 864	1920 x 1080	2304 x 1296	2688 x 1512	3072 x 1728	3456 x 1944	3840 x 2160	4224 x 2376	4608 x 2592
TVF1.8	320 x 180	640 x 360	960 x 540	1280 x 720	1600 x 900	1920 x 1080	2240 x 1260	2560 x 1440	2880 x 1620	3200 x 1800	3520 x 1980	3840 x 2160
TVF2.5	240 x 135	480 x 270	720 x 405	960 x 540	1200 x 675	1440 x 810	1680 x 945	1920 x 1080	2160 x 1215	2400 x 1350	2640 x 1485	2880 x 1620

Video Wall Sizes												
Area	0.21sqm	0.82sqm	1.85sqm	3.29sqm	5.14sqm	7.41sqm	10.08sqm	13.17sqm	16.67sqm	20.58sqm	24.90sqm	29.63sqm
Diagonal	27"	55"	82"	109"	137"	164"	191"	219"	246"	273"	301"	328"



1920 x 1080



3840 x 2160

LEYARD TVF SERIES SPECIFICATIONS

Model	Leyard TVF1.5	Leyard TVF1.8	Leyard TVF2.5
Pixel Pitch	1.575mm	1.89mm	2.52mm
LED Type	Commercial grade 3-in-1 Black SMD		
Resolution	384 x 216	320 x 180	240 x 136
LEDs per Cabinet	82944	57600	32640
Pixel Density	403124/sq m 37451/sq ft	279947/sq m 26008/sq ft	158637/sq m 14738/sq ft
Cabinet Size (W x H x D)	604.8 x 340.2 x 72.5mm 23.81 x 13.39 x 2.85in		
Power Consumption, Maximum (watts)	123.48/Cabinet 600/sq m Standard		
Power Consumption, Typical (watts)	41.15/Cabinet 200/sq m Standard		
Line Voltage	100~240V AC, 50/60Hz		
Cabinet Weight (per display)	5.2kg 11.46lb		
Brightness Max, Calibration On (cd/sq)	600 Standard		
Brightness Uniformity	97%		
Color Uniformity	97%		
LED Refresh Rate	3000		
Color Temperature, Adjustable (K)	3000 - 10000		
Viewing Angle, Horizontal	160°		
Viewing Angle, Vertical	140°		
Video Inputs	1x DVI, 1x HDMI, HDCP Compliant		
Video Input Resolution Maximum	1920 x 1200 @ 60Hz (per controller)		
Frame Rate	50, 60Hz		
Control Input Type	USB		
Gray Scale Processing	16-bit		
Service Access	Front, Rear		
LED Lifetime, Typical	50000hrs		
Storage Temperature/Humidity (degrees F/C) 10-85% relative humidity, non-condensing	-20° to 60° C -4° to 140° F		
Operating Temperature/Humidity (degrees F/C) 10-80% relative humidity, non-condensing	-10° to 40° C -14° to 104° F		

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

www.leyard.com | www.planar.com

North America
1-866-475-2627
sales@leyardgroup.com

EMEA
+421-907-775-941
sales.emea@leyardgroup.com

APAC
+86-755-29671180
info.asia@leyardgroup.com

Japan
+81-3-6915-2768
info.japan@leyardgroup.com

Latin America
+55-41-3059-5100
info.brazil@leyardgroup.com