



# Leyard TVF Series LED Video Wall Displays



## Stackable LED Video Walls

The Leyard Europe TVF Series is a family of fine pitch LED video wall displays from the worldwide leader in fine pitch LED video walls. Available in 0.9, 1.2, 1.5, and 1.8 millimeter pixel pitches, the 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 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 TVF Series delivers 24x7 operation and can easily run with a video wall processor.

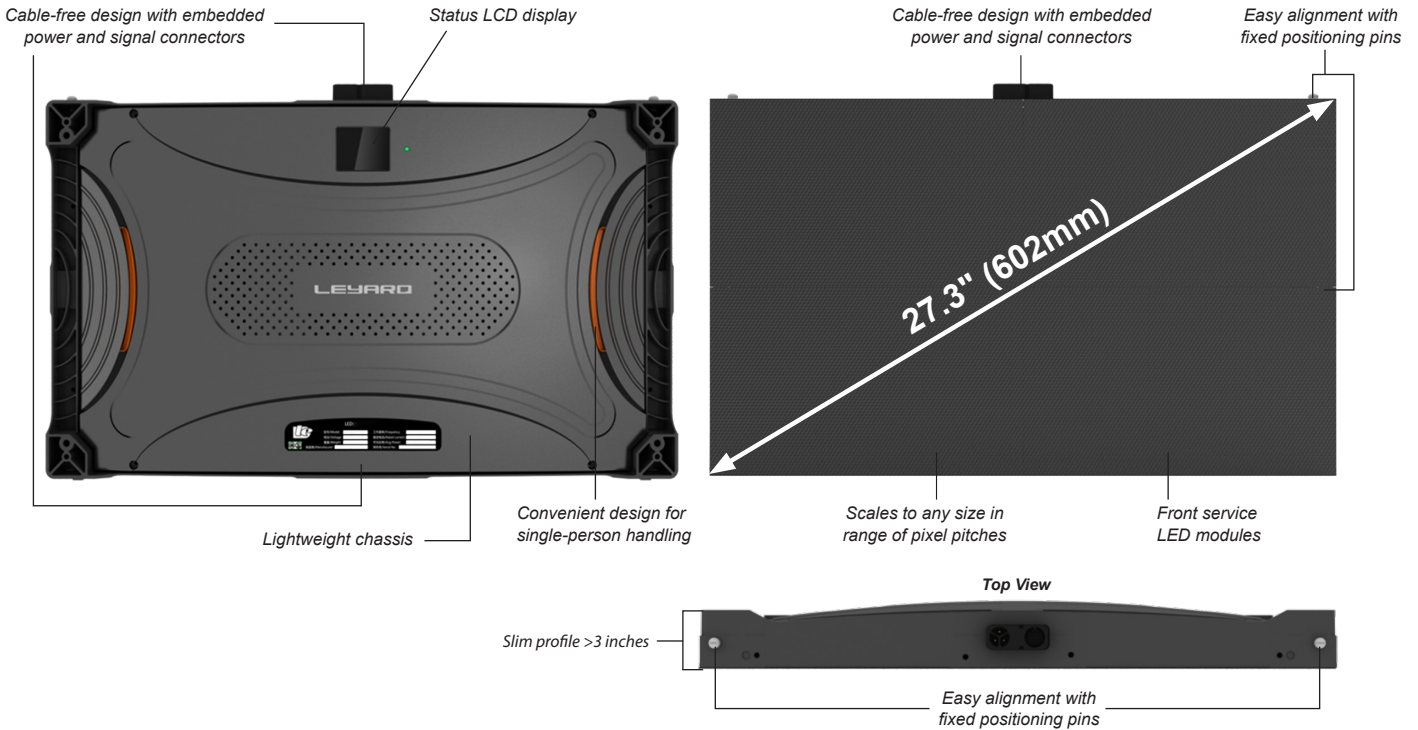
## Lifetime Warranty

TVF Series manufactured and purchased from Leyard Europe comes with the EverCare™ Lifetime Limited Warranty which offers complete product coverage for as long as the video wall is used in a fixed location. Leyard Europe EverCare covers the entire product from controller to sub-pixel, including every component in between.



# 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

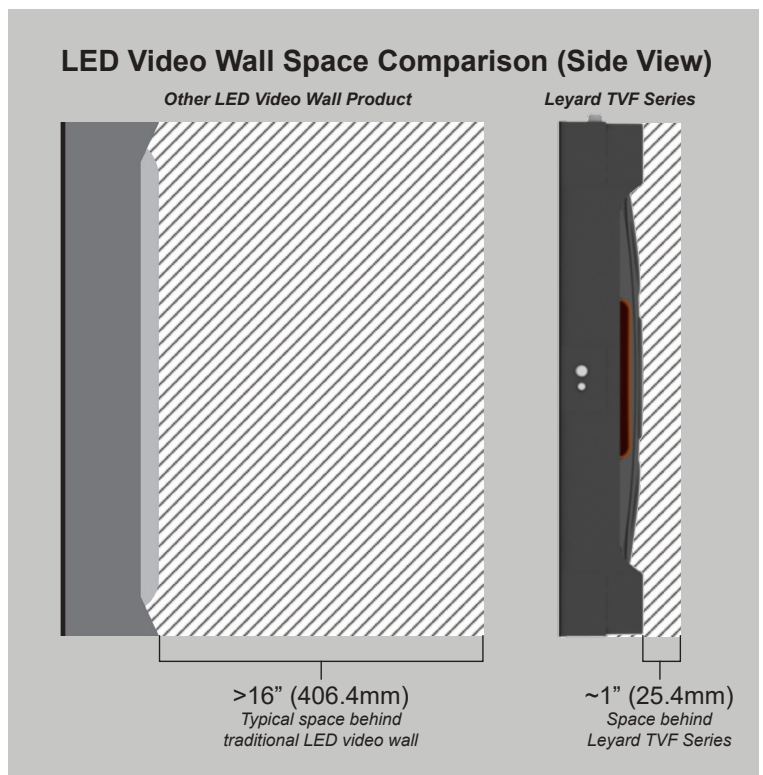
The Leyard TVF Series is engineered with key features that not only reduce the overall space needed to deploy a video wall, but the streamlined design of Leyard TVF Series makes it easier to fit in more spaces while not consuming a large footprint.

### 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.



# 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 configured in any video wall configuration to meet the widest range of application requirements.

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
TVF0.9	640 x 360	1280 x 720	1920 x 1080	2560 X 1440	3200 x 1800	3840 x 2160	4480 x 2520	5120 x 2880	5760 x 3240	6400 x 3600	7040 x 3960	7680 x 4320
TVF1.2	480 x 270	960 x 540	1440 x 810	1920 x 1080	2400 x 1350	2880 x 1620	3360 x 1890	3840 x 2160	4320 x 2430	4800 x 2700	5280 x 2970	5760 x 3240
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

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

**Full HD** 1920 x 1080

**4K** 3840 x 2160

**8K** 7680 x 4320

## Leyard TVF Complete LED Video Wall Packages

The Leyard TVF Complete™ Video Wall solution reduces complexity, cost, time and pressure of designing and installing an LED video wall. We've packaged everything an organization needs in one complete solution, at a solid value. LED display cabinets, cables, spare modules, wall mounts, video controller and trims or optional panelling all included.

- Pre-configured sets for wall-mounted installations or wall/floor installation.
- Complete Direct View LED Video Wall ready to install
- 4K, Full HD, Dual-Full HD video walls in convenient diagonal sizes: 109", 137", 164", 198" and 219"
- Slim profile with full front installation and serviceability
- Wall/floor-mounting packages with different choices of wooden trim
- Made in Europe
- Leyard Europe Evercare Limited Lifetime Warranty



## LEYARD TVF SERIES SPECIFICATIONS

Model	Leyard TVF0.9	Leyard TVF1.2	Leyard TVF1.5	Leyard TVF1.8
Pixel Pitch	0.945mm	1.26mm	1.575mm	1.89mm
LED Type	Commercial grade 3-in-1 Black SMD			
Resolution	640 x 360	480 x 270	384 x 216	320 x 180
LEDs per Cabinet	230400	129600	82944	57600
Pixel Density	1,119,789/m <sup>2</sup>   104,032/ft <sup>2</sup>	629,882/m <sup>2</sup>   58,518/ft <sup>2</sup>	403,124/m <sup>2</sup>   37,451/ft <sup>2</sup>	27,9947/m <sup>2</sup>   26,008/ft <sup>2</sup>
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)	Single-PSU: 150/Cabinet   729/m <sup>2</sup> Redundant-PSU: 159/Cabinet   773/m <sup>2</sup>		Single-PSU: 130/Cabinet   632/m <sup>2</sup> Redundant-PSU: 159/Cabinet   773/m <sup>2</sup>	
Power Consumption, Typical (watts)	Single-PSU: 50/Cabinet   243/m <sup>2</sup> Redundant-PSU: 53/Cabinet   258/m <sup>2</sup>		Single-PSU: 43/Cabinet   209/m <sup>2</sup> Redundant-PSU: 53/Cabinet   258/m <sup>2</sup>	
Line Voltage	100~240V AC, 50/60Hz			
Cabinet Weight (per display)	Single-PSU: per Cabinet: 6,94 kg, per sqm: 33,73kg/m <sup>2</sup> / Redundant-PSU: per Cabinet: 7,76 kg, per sqm: 37,72kg/m <sup>2</sup>			
Brightness Max, Calibration On (cd/sq)	Single PSU: 600 / Redundant-PSU: 800			
Brightness Uniformity	97%			
Colour Uniformity	97%			
Contrast Ratio	7000:1			
LED Refresh Rate	3000			
Colour 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	100,000 hrs			
Storage Temperature/Humidity	-20° to 60° C   -4° to 140° F / 10-85% relative humidity, non-condensing			
Operating Temperature/Humidity	-10° to 40° C   -14° to 104° F / 10-85% relative humidity, non-condensing			

Visit [www.leyardeurope.eu](http://www.leyardeurope.eu) for full list of product specifications.