



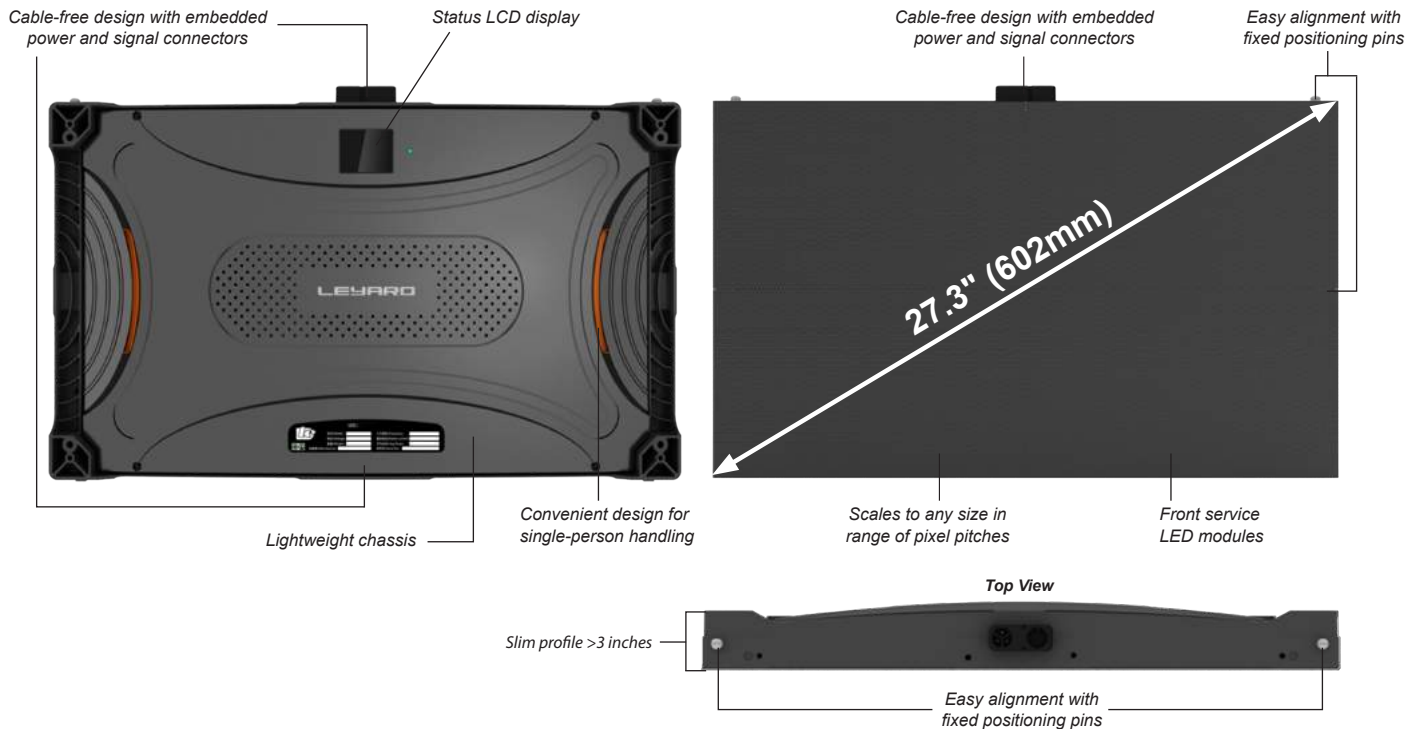
Stackable LED Video Walls

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.

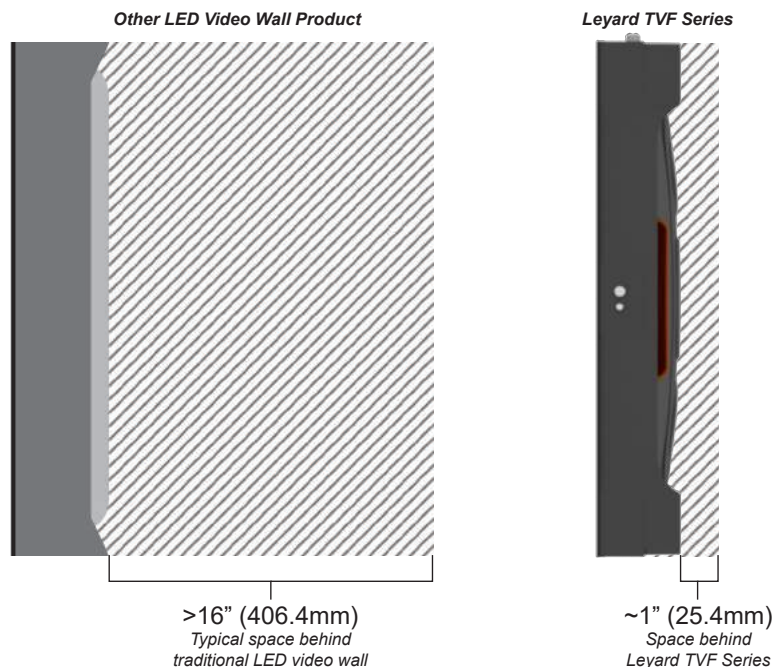
Front Serviceable

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.

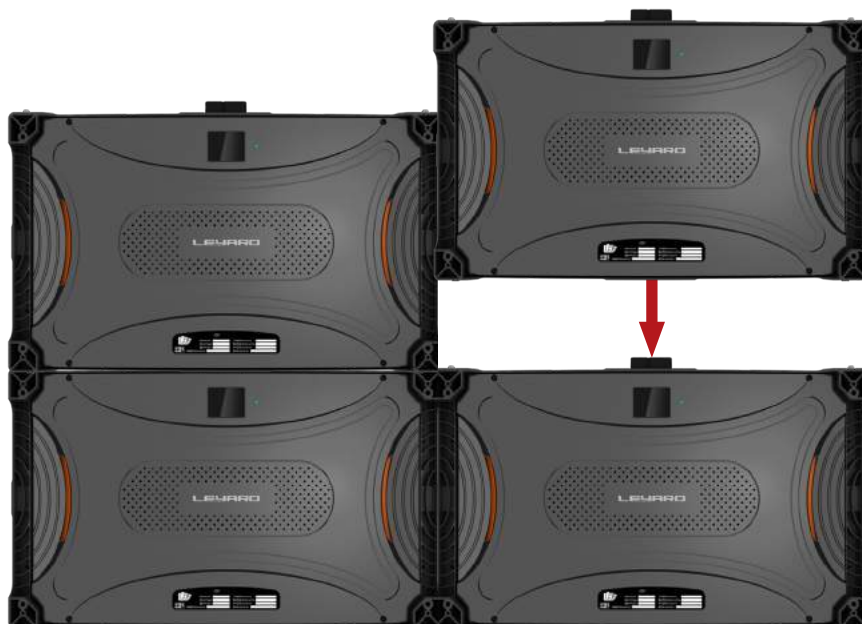
LED Video Wall Space Comparison (Side View)



A Stackable Design for Simple Installation

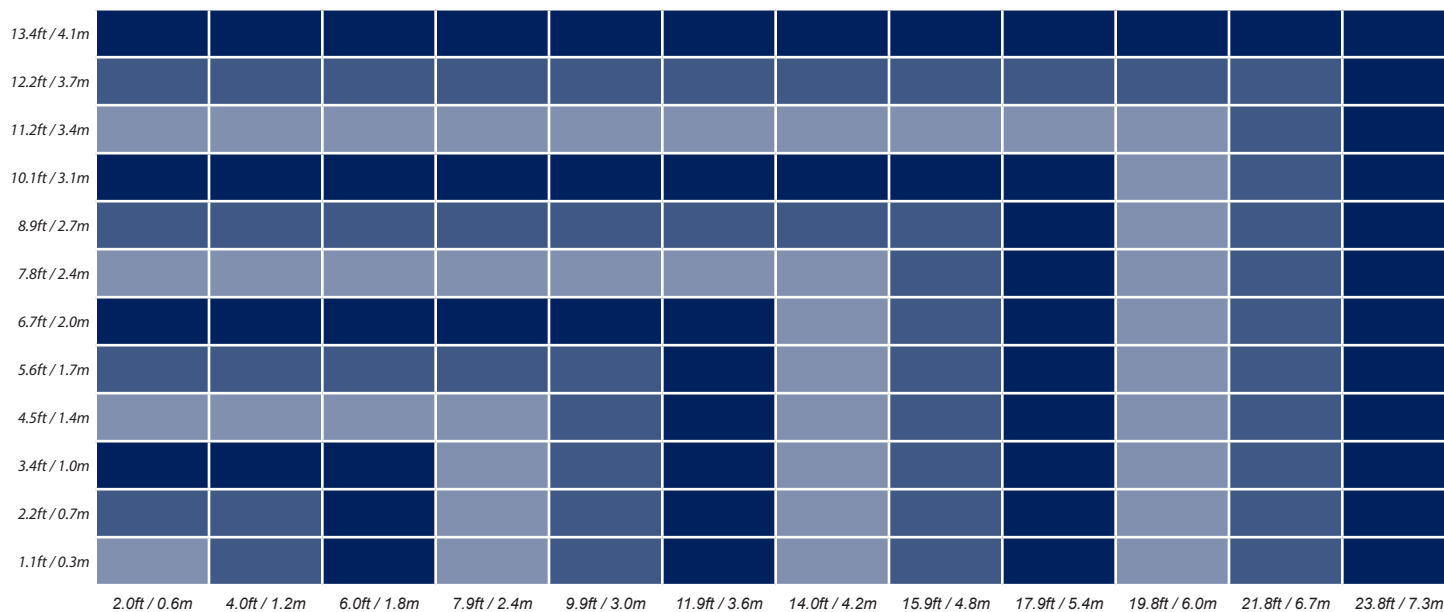
The Leyard TVF Series is designed to ensure perfect LED video walls with a stackable, cableless design. Similar to building blocks, Leyard TVF Series video walls are assembled by stacking cabinets together. With a single-step process, Leyard TVF Series cabinets connect power and signage down through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



| 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 136 | 480 x 272 | 720 x 408 | 960 x 544 | 1200 x 680 | 1440 x 816 | 1680 x 952 | 1920 x 1088 | 2160 x 1224 | 2400 x 1360 | 2640 x 1496 | 2880 x 1632 |

| 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" |

Full HD 1920 x 1080

4K 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) | 180/Cabinet 874/sq m Standard | | |
| Power Consumption, Typical (watts) | 54/Cabinet 262/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.

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