

LEYARD TVF SERIES LED VIDEO WALLS

Product Overview – July 2018

LEYARD. PLANAR.

Leyard® TVF Series

Stackable Front Access Display Solution

- Cableless design enables fast connection of power and signal by stacking cabinets together
- Wall-mounted, full front access video wall consumes less space
- Lightweight and convenient form-factor fits more environments
- Unique fine pitch video wall system available in range of pitches with a 16:9 aspect ratio
- High quality display performance for demanding content
- Available with single or redundant power supplies



27" diagonal
Pitches: 1.5, 1.8 and 2.5mm
16:9 aspect ratio for HD and 4K

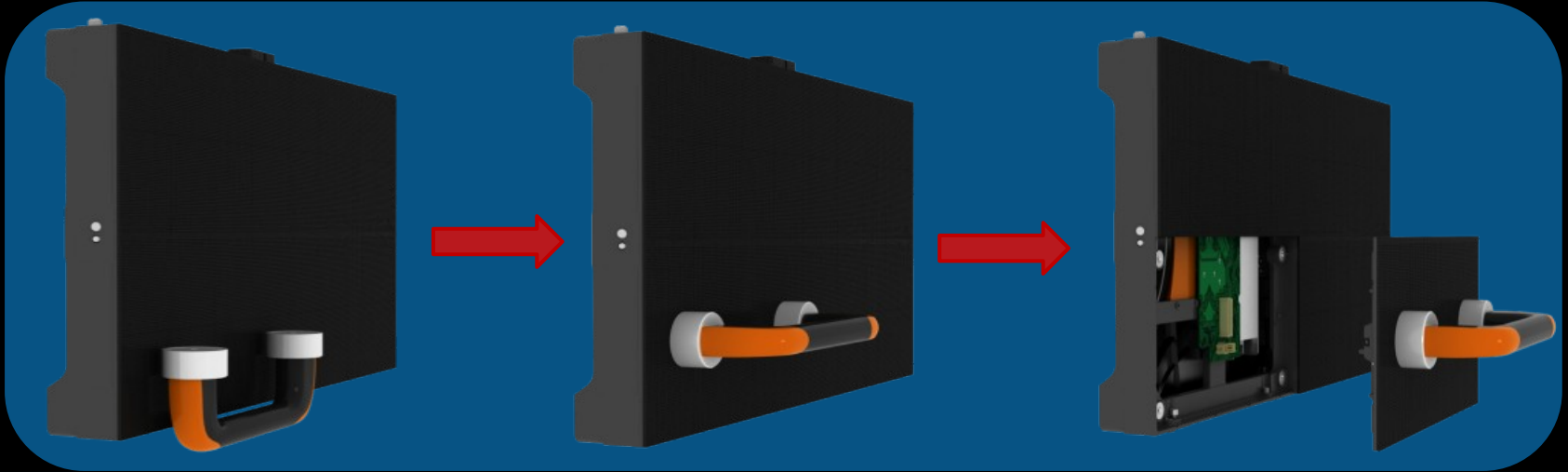
Stackable Cableless Design

- Fast connection of power and signal by stacking cabinets together
- Improves vertical cabinet-to-cabinet alignment
- No cabinet-to-cabinet cable clutter
- Lightweight construction for easy single-person handling
- Installs done in less time, saves money and are ready sooner



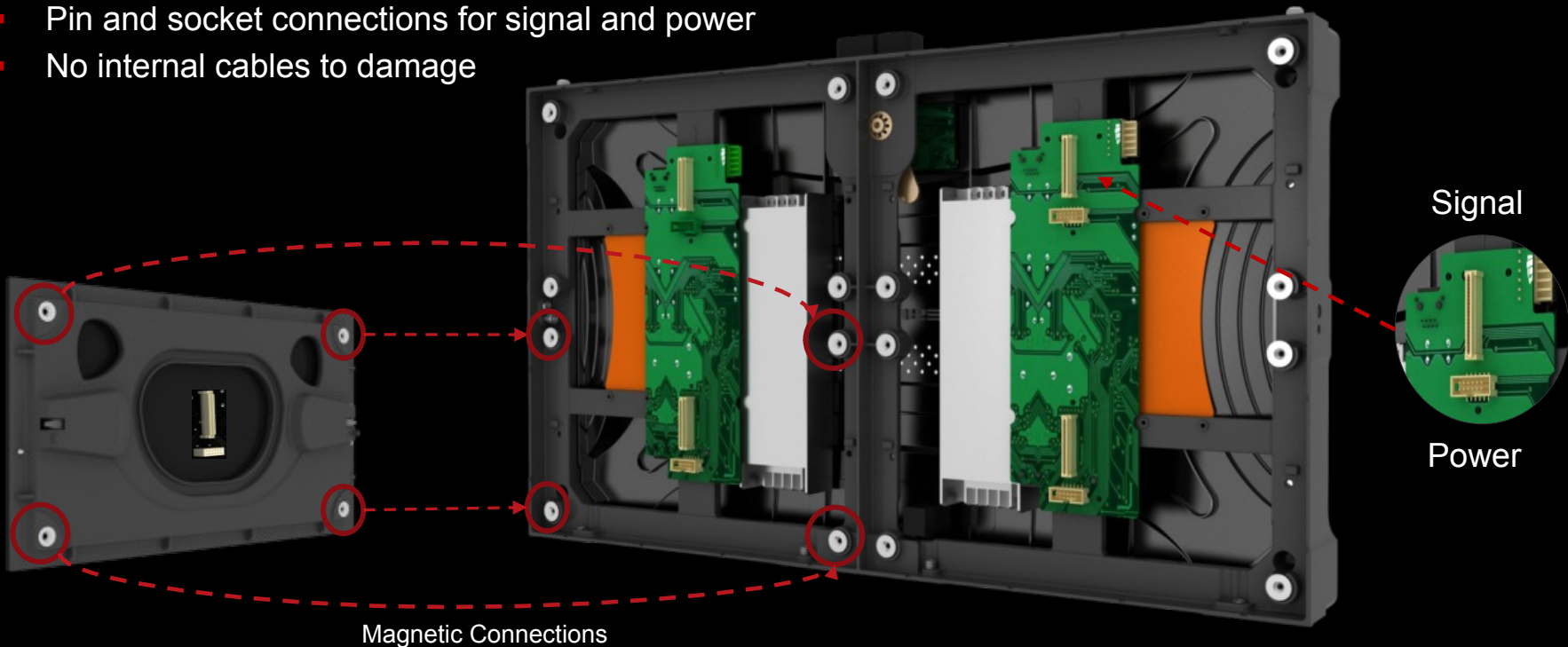
Front Serviceability

- Magnetic tool easily removes modules
- No internal module cables to pull or damage



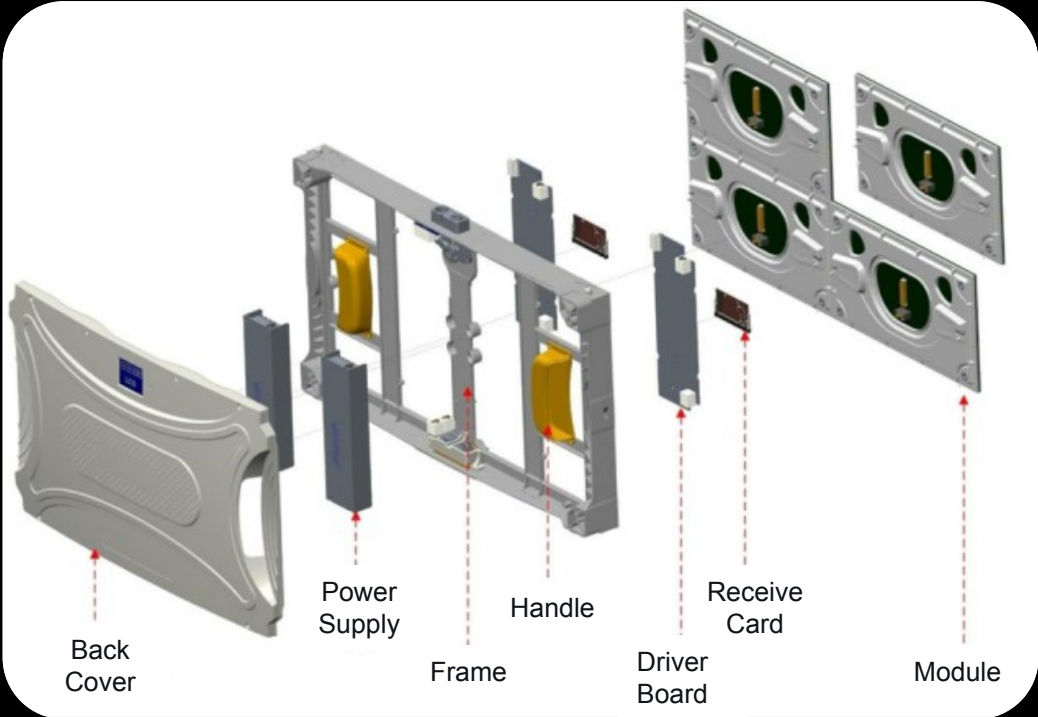
Module to Cabinet Attachment

- 2x2 module configuration
- Pin and socket connections for signal and power
- No internal cables to damage



Cabinet Components

Complete access to all
Leyard TVF Series cabinet
components from front



Mounting Flexibility

Front or Rear Mount Options

- Flexible Mounting
 - Use flush wall mount structure
 - Use free-standing structure
- Cabinet depth is less than 3in (>76mm)



Cabinet Alignment Features

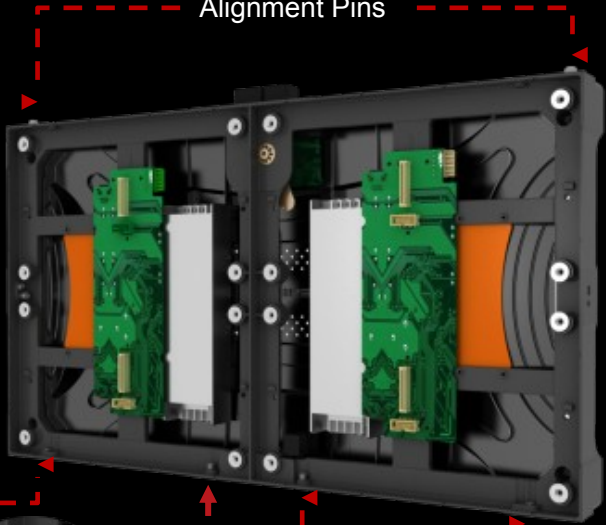
X Adjustment



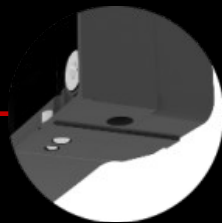
Y Adjustment



Alignment Pins



Frame Channel



Y Adjustment



Z Adjustment



Cabinet Design

Model Cabinet	Resolution
Leyard TVF1.5	384 x 216
Leyard TVF1.8	320 x 180
Leyard TVF2.5	240 x 136

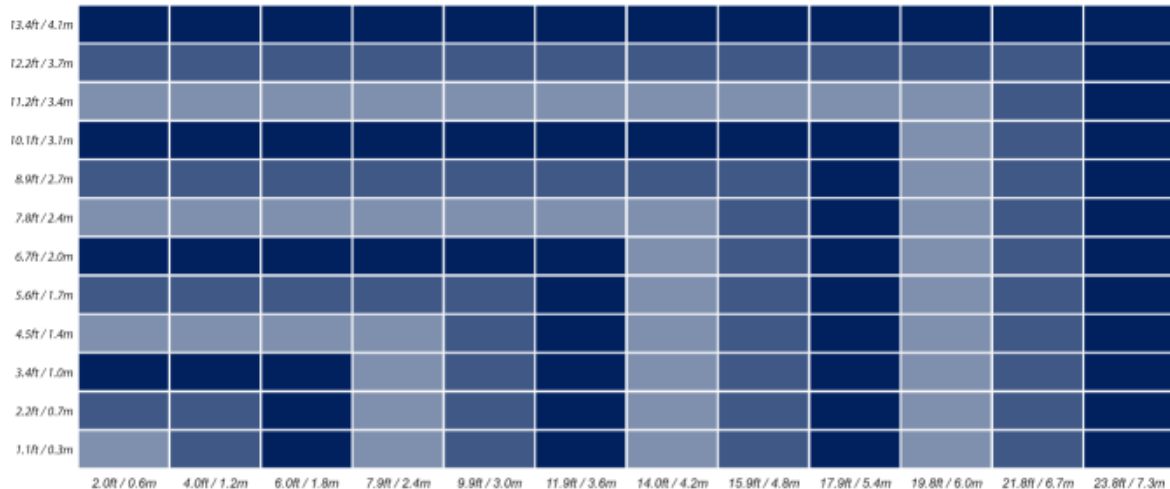


Side



Front

16:9 Aspect Ratio Walls



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

High Quality Display Performance

- Black LEDs provide better contrast
- Consistent grey levels at all brightness levels
- Wide viewing angles with excellent off-axis uniformity
- Great color and brightness uniformity
- Gamma curve accurate to 2.2



Deep Black Images

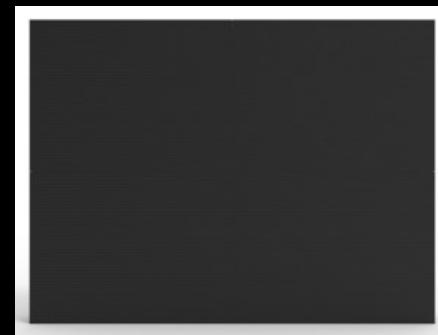
Leyard® MicroGrid™ Shader

Black resin SMD LEDs:

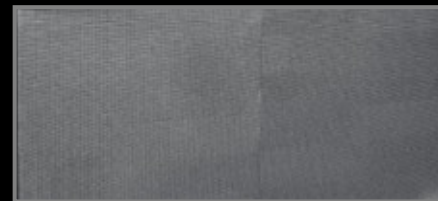
- Look dark rather than clear when in off (black) position
- Less reflective, so accentuate contrast in ambient light

Black between SMD LEDs:

- Leyard MicroGrid Shader* technology surrounds SMDs
- Screen print adhesive and machine-placed micro-grid ensures uniformity



*Black resin SMD LEDs and
MicroGrid Shader*



*Traditional LED design
showing "full black"*

Available Models

Models	Pitch (mm)	Brightness	Cabinet Resolution	Module Resolution	Cabinets for Full HD	Cabinets for 4K
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Built in System Display

Leyard TVF Series includes a Rear System Display on each cabinet that shows:

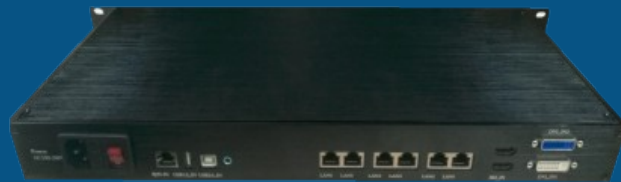
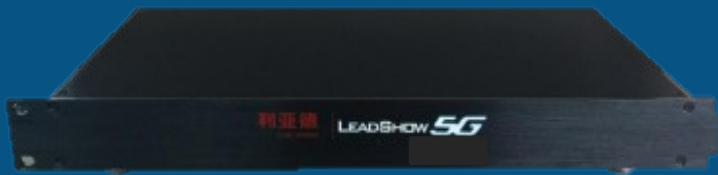
- Temperature
- Signal
- Power
- Run Time



Controller & Software

Leyard® LeadShow 5G

- DVI and HDMI input
- Windows®-based app for set-up and image control:
 - Brightness & gamma adjustments
 - Built-in video player
 - LED video wall monitoring
 - Seam correction
 - Image offsets



Optional Fiber Extension

- Use when signal distance is greater than 70m (230ft) from controller
- Fiber option supports 2 cable extensions



Warranty and Extended Warranty

- Standard 2-year limited warranty with 24x7 customer support
- Optional extended warranty up to 5 years



Leyard TVF Series

Key Selling Points

- Fine pitch LED displays in 1.5, 1.8 and 2.5mm pitches
- Cableless design
- Front Installation and Serviceability
- Lightweight for easy one person handling
- Optimized for Full HD and 4K resolutions
- Great price/pixel position
- Available with single or redundant power supplies
- From the worldwide market leader in fine pitch LED



27" diagonal
Pitches: 1.5, 1.8 and 2.5mm
16:9 aspect ratio for HD and 4K

THANK YOU

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