



Planar TVF Series

LED Video Wall Displays

- ▶ *0.9, 1.2, 1.5, 1.8 & 2.5mm pixel pitches*
- ▶ *24x7 mission-critical reliability*
- ▶ *Slim mounted profile less than 3"*
- ▶ *Lifetime warranty*



Built for beauty and always-on use, the award-winning Planar[®] TVF Series provides visual excellence for every application with fine pixel pitches from 0.9 to 2.5 millimeters. Its front service, cableless, building-block style design gives new meaning to multi-functionality and reduces the complexity of installation and vertical alignment. Planar TVF Series is TAA Compliant and includes the unmatched Planar[®] EverCare[™] Lifetime Limited Warranty.

Mainstream Mastery

With its incredible visual performance and convenient design, Planar TVF Series has become our most popular LED video wall, with thousands of installations across the globe. The line has been recognized with many industry awards and has become a go-to video wall solution for many applications from government and higher education to business and digital signage.





Always-On Reliability

Planar TVF Series displays are designed for mission-critical environments where displays need to withstand extended or continuous operation day and night. Control rooms, hospitals and other applications that can't afford downtime benefit from exceptional performance 24x7.



Stackable Design

Video walls have no cabinet-to-cabinet cabling and are assembled by stacking cabinets vertically using embedded power and signal connectors. Connection points and two alignment pins located on each cabinet assist in vertical positioning. The top-side power connection is retractable and there is a secondary connection point in the handle, so nothing shows, even without trim.



Lifetime Protection

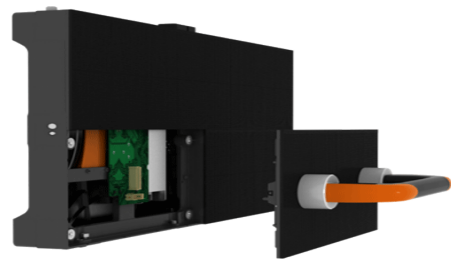
Planar TVF Series is protected by the Planar® EverCare™ Lifetime Limited Warranty which covers the whole display, everything from the sub-pixels to the video controller, for as long as it is used in a fixed location.



Shaped for Cinema & HDR Ready

The displays' 16:9 aspect ratio is ideal for movies, live sports, presentations and other common content delivered with popular Full HD, 4K or even 8K resolution.

Displays are ready for High Dynamic Range content, maximizing the image quality of each pixel for brighter whites, darker blacks and more true-to-life colors.



Front Service for Accessibility

Planar TVF Series offers convenient front-side installation and service that shrinks the overall video wall footprint and servicing space behind the wall. Front service access makes it simpler to fit in more spaces than rear-service LED video wall solutions. The slim profile is less than 3", meeting the requirements of the Americans with Disabilities Act (ADA) Standards for Accessible Design.



Made for America

Organizations that prefer to use products that have been manufactured in the United States or countries designated in the U.S. Trade Agreements Act (TAA) need look no further. Planar TVF Series is TAA Compliant.

Off-the-Shelf Video Walls

Planar TVF Complete™ Full HD, Double Full HD or 4K LED video wall displays reduce deployment time and complexity. Simply choose the diagonal size that best suits the environment and application, and receive everything in one complete, no-hassle solution.

INCLUDED

- LED Display Cabinets
- Planar® WallDirector™ Video Controller
- Wall Mounts & Trim
- Remote Control
- Cables
- Spare Modules



Configure a Video Wall

If none of the Planar TVF Complete video wall displays is quite right, custom sizes, shapes and resolutions of Planar TVF Series are available.

With precise pixel pitch values and cabinets featuring a 16:9 aspect ratio, all models can achieve popular resolutions.

Design a video wall at www.planar.com/calculator



Full HD 1920 x 1080
4K 3840 x 2160
8K 7680 x 4320

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
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 1080	2160 x 1224	2400 x 1360	2640 x 1496	2880 x 1632

Video Wall Sizes												
Area (sq m)	0.21	0.82	1.85	3.29	5.14	7.41	10.08	13.17	16.67	20.58	24.90	29.63
Diagonal	27"	55"	82"	109"	137"	164"	191"	219"	246"	273"	301"	328"
Feet/Meters	1.1 x 2.0ft 0.3 x 0.6m	2.2 x 4.0ft 0.7 x 1.2m	3.4 x 6.0ft 1.0 x 1.8m	4.5 x 7.9ft 1.4 x 2.4m	5.6 x 9.9ft 1.7 x 3.0m	6.9 x 11.7ft 3.6 x 2.0m	7.8 x 14.0ft 2.4 x 4.2m	8.9 x 15.9ft 2.7 x 4.8m	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

Specifications

Model	Planar TVF0.9	Planar TVF1.2	Planar TVF1.5	Planar TVF1.8	Planar TVF2.5
Pixel Pitch	0.945mm	1.26mm	1.58mm	1.89mm	2.52mm
LED Type	Commercial grade 3-in-1 Black SMD				
Resolution	640 x 360	480 x 270	384 x 216	320 x 180	240 x 136
LEDs per Cabinet	230,400	129,600	82,944	57,600	32,640
Pixel Density	1,119,789/sq m 10,4032/sq ft	629,882/sq m 58,518/sq ft	403,124/sq m 37,451/sq ft	279,947/sq m 26,008/sq ft	158,637/sq m 14,738/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, Max (watts)	140/Cabinet 680/Sq m Standard	130/Cabinet 680/Sq m Standard			
Power Consumption, Typical (watts)	50/Cabinet 243/Sq m Standard	43/Cabinet 209/Sq m Standard			
Line Voltage	100~240V AC, 50/60Hz				
Cabinet Weight	6.94kg 15.3lbs				
Brightness Max, Calibration On	600cd/sq				
Brightness Uniformity	97%				
Color Uniformity	97%				
LED Refresh Rate	3,000				
Color Temperature, Adjustable (k)	3,000 - 1,000				
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	100,000hrs				
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) 10-85% relative humidity non-condensing	-10° to 40° C -14° to 104° F				
Warranty	Planar EverCare Lifetim Limited Warranty (North America)				

Planar TVF Series specification assumes standard S6F video controller. Visit www.planar.com for full list of product specifications.

For more information visit: www.planar.com/tvf

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