



Planar MGP Series LED Video Wall Displays



Planar® MGP Series fine pixel pitch LED video wall displays offer organizations a seamless, high resolution visual experience, at a value similar to a tiled LCD video wall, ideal for traditionally budget-conscious markets like house of worship, education and mid-sized business. The video wall displays are available in 1.2, 1.5, 1.8, and 2.5 millimeter pixel pitches.

A Seamless Alternative

Tiled LCD video walls have long delivered an affordable large canvas with high resolution that works well in many applications. However, many viewers struggle to see past the bezels—even when they're narrower than 1mm—which can disrupt on-screen content and tarnish the visual experience. Planar MGP Series' attractive price point lets organizations upgrade from legacy tiled LCD technology to a large, seamless LED canvas that offers similar resolution and brighter images, without the bezels.

The Right Resolutions

The Planar MGP Series cabinets feature a 16:9 aspect ratio that enable each pixel pitch to achieve popular resolutions including Full HD and 4K. The displays can also be configured to form video walls of other shapes, for a wider range of applications. With fine pixel pitches, the video walls excel in environments with viewing distances as close as 7' (2.1m).

1.2, 1.5, 1.8 & 2.5mm pixel pitches

Seamless LED video wall for tiled LCD value

16:9 aspect ratio for Full HD or 4K resolution

Lightweight 27" cabinet with ADA-compliant mounted profile <4"

Front installation and serviceability

Pre-packaged Planar MGP Complete video wall displays available in 108", 136", 163" & 217" sizes

Thin is In

Planar MGP Series' 27" cabinets feature front installation and serviceability, enabling users to mount them directly to a wall. With a thin mounted profile of less than 4", the video wall footprint meets the requirements for Americans with Disabilities Act (ADA) compliance, making it a viable option for installation in more and smaller environments than other video wall solutions.



Planar MGP Complete: Off-the-Shelf Video Walls

If creating a video wall seems like too much, consider a pre-packaged Planar® MGP Complete™ Video Wall. It reduces the time, complexity and cost of designing and installing a video wall because we've packaged everything in one complete solution. Simply select the Full HD video wall size that best suits the environment and application, and receive the ideal LED display cabinets, video controller, cables, spare modules and wall mounts, all included. Available in 108", 136", 163" or 217" diagonal sizes.

PLANAR MGP SERIES SPECIFICATIONS				
Planar Model	MGP1.2	MGP1.5	MGP1.8	MGP2.5
Pixel Pitch	1.25mm	1.56mm	1.88mm	2.50mm
Cabinet Resolution	480 x 270	384 x 216	320 x 180	240 x 135
Cabinet Size	600 x 337.5 x 53mm 23.62 x 13.29 x 2.09in			
Cabinet Diagonal	688.4mm 27.1in			
Cabinet Area	0.2025m ² 2.18ft ²			
Modules/Cabinet (WxH)	4x1			
Module Size	150x337.5mm 5.91x13.29in			
Power Consumption, Maximum (watts)	110/Cabinet 543/m ²			
Line Voltage	100-240V AC, 50/60Hz			
Cabinet Weight (per display)	6.08kg 13.39lbs			
Cabinet Weight (per m ²)	30kg 66.12lbs			
Brightness	600			
Contrast Ratio	5000:1			
LED Refresh Rate	3840Hz			
Frame Rate	50, 60Hz			
Color Temperature, Adjustable (k)	3,000 - 10,000			
Viewing Angle, Horizontal, Vertical	160° H, 140° V			
Service Access	Front, Rear			
Environment	Indoor			
Operating Temperature/Humidity (degrees F/C, relative humidity)	-20° to 40° C -4° to 104° F 10-80%			
Storage Temperature/Humidity (degrees F/C, relative humidity)	-30° to 60° C -22° to 140° F 10-85%			
LED Lifetime: Typical	100,000 hours			