



Planar Venue Pro VX Series

LED Video Wall Displays

- ▶ *1.9 & 2.5mm pixel pitches*
- ▶ *Brompton or Colorlight control*
- ▶ *Single-person handling*
- ▶ *Hang, stack, or wall mount*



Planar® Venue™ Pro VX Series indoor LED video wall displays have exceptional visual properties for in-camera virtual production and extended reality (VP/XR), and mechanical features to suit temporary (set up) applications and fixed installation. They feature narrow pixel pitches, high-performing scan and fast refresh rates, high brightness, compatibility with a wide range of frame rates and magnetically-attachable cabinets with quick locks.

Lights, Camera, Action!

Planar Venue Pro VX Series' visual and mechanical properties are conducive to cinema and broadcasting as in-camera background scenes. The displays are designed to integrate with VP/XR volumes, providing a lifelike backdrop.

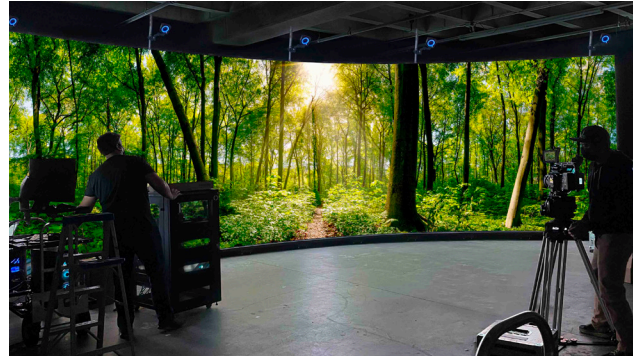
On-set talent can comfortably move around the environment with clear, real-time visual scenery, while those seeing it through the camera lens will feel enveloped in the scene as if they were on location.





Camera Ready

Planar Venue Pro VX Series has a high performing scan rate for camera compatibility and to reduce artifacts. High brightness and wide frame rate compatibility enable slow motion filming and multiple In-Camera Visual Effects camera frustums.



Wide Color Gamut & HDR

Displays are ready for High Dynamic Range content and show a larger percentage of the visible color spectrum, rendering on-screen content with brighter whites, darker blacks and more true-to-life hues and shades that creators intended.

Processing Prowess

Planar Venue Pro VX Series has the essential features broadcast and film production companies require for today's on-camera display needs. It is compatible with multiple video controller processing options from Brompton Technology® and Colorlight.

Benefits and functions include:

- *Exceptionally Accurate Color*
- *High Dynamic Range*
- *Smooth Motion with Low Latency*
- *Frame Remapping*
- *Grayscale Trimming*



Solo Set-up

Magnetic points briefly hold the LED cabinet in place while a single installer secures it and finalize cabling. Handles, locking pins and an embedded quick-lock system also makes it easy and efficient to connect cabinets together.



Easy Access

Individual cabinets can be removed and installed anywhere within the video wall and all electronics are contained in single compartment on the back of the cabinet. Front or rear service make module extraction simple for maintenance.

Planar Studios

The Planar Venue Pro VX Series LED video walls are finely tuned for the Planar Studios initiative, collaborative partnerships to accelerate VP/XR capabilities and make them more accessible, streamlined and repeatable. Planar Studios aligns top creative and technical experts specializing in areas that include LED video walls, camera motion tracking, digital production and imaginative visual storytelling. The initiative integrates the products, organizations and people that creative producers need to create realistic, on-screen content.

Applications:

- *Virtual Production*
- *XR Stages & Studios*
- *Live Events*
- *Broadcasting*
- *Corporate Presentation*
- *Education & Training*



Specifications

Planar Venue Pro VX	VPI-1.9VX	VPI-1.9VX B	VPI-2.5VX	VPI-2.5VX B
Pixel Pitch	1.95mm		2.5mm	
Cabinet Size (W x H x D)	19.69" x 19.69" x 2.7" (500 x 500 x 74 mm)		19.69" x 19.69" x 3.03" (500 x 500 x 77 mm)	
Cabinet Diagonal	27.83" (707.10mm)			
Cabinet Area (m²)	0.25			
Cabinet Resolution	256 x 256		200 x 200	
LEDs per Cabinet	65,536		40,000	
Modules/Cabinet (W x H)	2 x 2			
Mudule Size (W x H)	250 x 250mm			
Power Consumption, Max (watts)	160			
Line Voltage	100~240v AC, 50/60Hz			
Cabinet Weight (per display)	≤ 17.764lbs			
Cabinet Weight (per m²)	≤ 70.55lbs			
Brightness Max, Calibration On (cd/m²)	1,200			
Scan Ratio	1:13		1:10	
Color Gamut Coverage	DCI-P3			
Supported Frame Rate	50Hz/60Hz			
Color Temperature (K)	3000-10,000 adjustable			
Contrast	5,000:1			
Viewing Angle (50% Brightness)	>150° Horizontal; >120° Vertical			
Mounting Orientation	Wall, Faceted, Hanging, Stacking			
Installation/Service Access	Front/Rear			
Refresh Rate	7,680Hz			
LED Lifetime	100,000 hours			
Operating Temperature/Humidity (degrees F/C, relative humidity)	-20° to 40° C -22° to 102° F (10-80% RH, non-condensing)			
Storage Temperature/Humidity (degrees F/C, relative humidity)	-40° to 60° C -40° to 140° F (10-85% RH, non-condensing)			
Ingress Protection Rating	IP30			

For more information visit: www.planar.com/venue-pro-vx

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