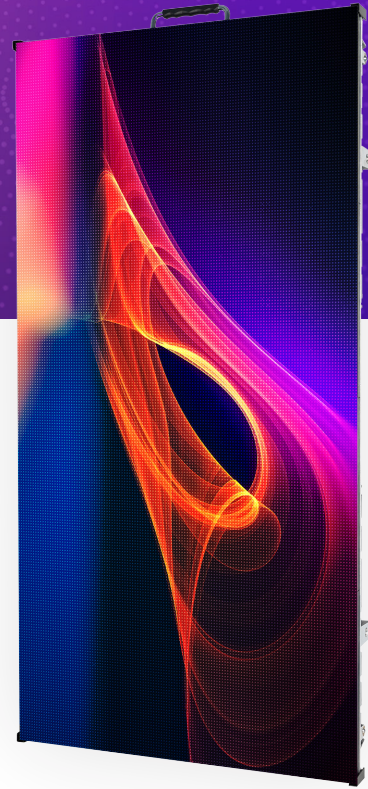


Vision Series

The Vision Series is our premier production LED panel designed to provide superb visuals for any indoor installation or production deployment. Featuring multiple pixel pitch options and a 7680Hz refresh rate, it delivers stunning, high-definition imagery. Its modular design ensures quick, tool-free maintenance, while optional curved panels support concave, convex, and curvilinear configurations, making it a versatile choice for dynamic visual setups.



Vision Series is available in the following pixel pitches:

🔗 **1.95mm, 2.6mm, 2.97mm, 3.91mm**

HIGH RESOLUTION, VIVID IMAGE

- › Multiple pixel pitch options: 1.9mm, 2.6mm, 2.9mm, 3.9mm
- › 7680 Hz refresh rate for stunning visuals

CRASH-PROOF PROTECTION

- › Corner protectors
- › Prevents damage during packing and assembly
- › Stable design for demonstrations

MODULAR DESIGN, FRONT AND REAR SERVICE

- › Magnetic module design with modular power and signal units
- › Tool-free installation and maintenance

CONCAVE, CONVEX, CURVILINEAR OPTIONS

- › 500x500mm / 500x1000mm panels adaptable to concave and convex angles

Atmos LED

🌐 atmosled.co

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Vision Series Specifications

MODEL	1.95	2.6	2.97	3.91
Physical Pitch	1.95mm	2.6mm	2.97mm	3.91mm
Pixel Configuration	SMD1515	SMD1515	SMD2121	SMD2121
Pixel Density	262144px/m ²	147456px/m ²	112896px/m ²	65536px/m ²
Module Dimension(WxH)	9.84"x9.84" (250x250mm)			
Panel Dimension(WxHxD)	19.69"x19.69"x3.14" (500x500x80mm) / 19.69"x39.37"x3.14" (500x1000x80mm)			
No. of Module/panel(WxH)	2x2 / 2x4			
Module Resolution	128x128px	96x96px	84x84px	64x64px
Panel Resolution	256x256px 256x512px	192x192px 192x384px	168x168px 168x336px	128x128px 128x256px
Panel Material	Die-casting Aluminum			
Panel Weight	17.63 lbs (8kg) / 30.86 lbs (14kg)			
Gray Scale	16bit			
Contrast Ratio	4000:1			
Avg. Power Consumption	50w/panel 100w/panel	50w/panel 100w/panel	28w/panel 56w/panel	28w/panel 56w/panel
Max. Power Consumption	145w/panel 290w/panel	145w/panel 290w/panel	85w/panel 165w/panel	85w/panel 165w/panel
Operating Temp/Humidity	14°F to 140°F (-10°C to 60°C) / 10% - 60%			
Storage Temp/Humidity	-22°F to 140°F (-30°C to 60°C) / 10% - 60%			
Refresh Rate	7680hz			
Brightness	>600nits			
Viewing Angle(H/V)	160°/140°			
Expected Lifetime	100,000hrs			
Max. Stacking/Hanging	20/10			
Service	Front/Rear			
IP Rating(Front/Rear)	IP40/IP21			
Certification	CCC, CE, ETL, RoHS			