

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

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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 | | | |