

# InnoFuture LED Screen Solution

## InnoVision Series

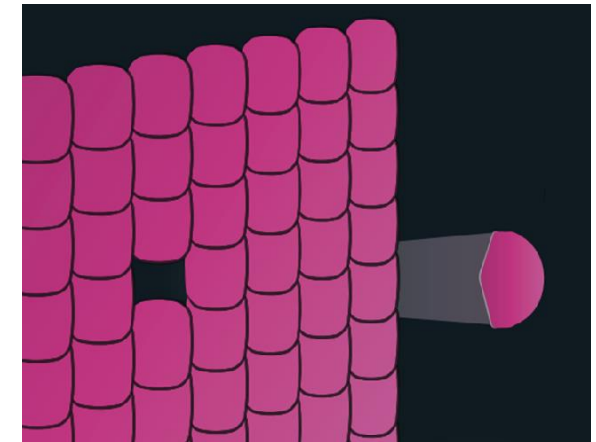
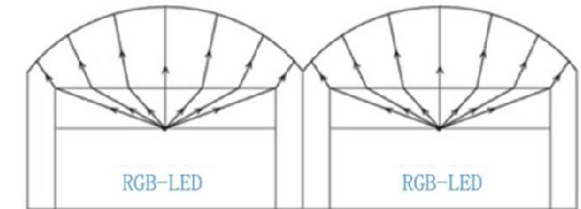


Easier and Smarter Way to Connect to the World

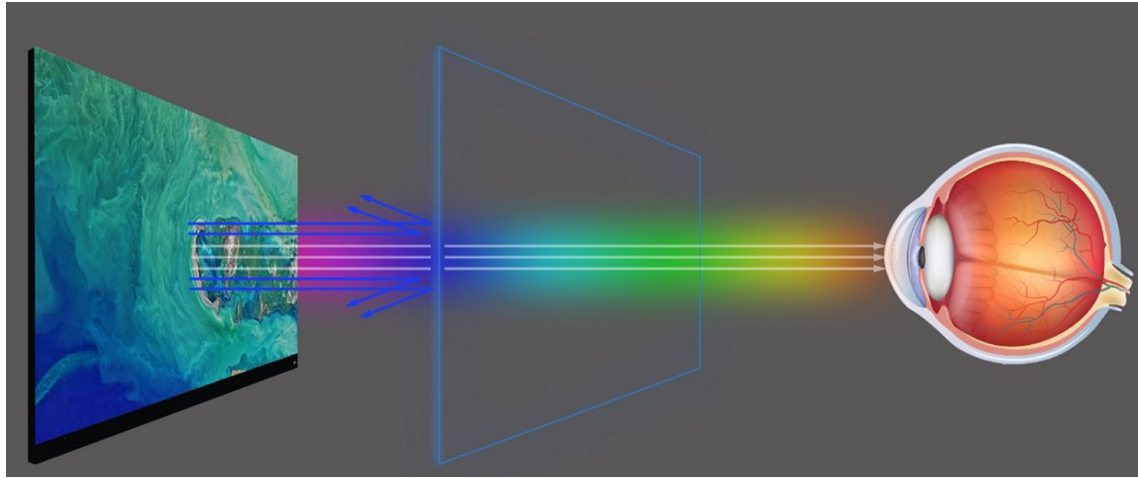
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## Key Features



InnoVision series LED display is developed with MRP technologies. Each macro pixel is composed of an RGB-LED light source and a spherical screen, which forms a macro rear-projection unit and forms an independent darkroom. The projection distance of each pixel is less than 3mm to ensure the restoration of "black" in the picture. The light emitted is even and soft. Each rear projection unit is closely connected to form a continuous pixel display without any visual gaps, providing users with a top-notch luxurious visual experience!

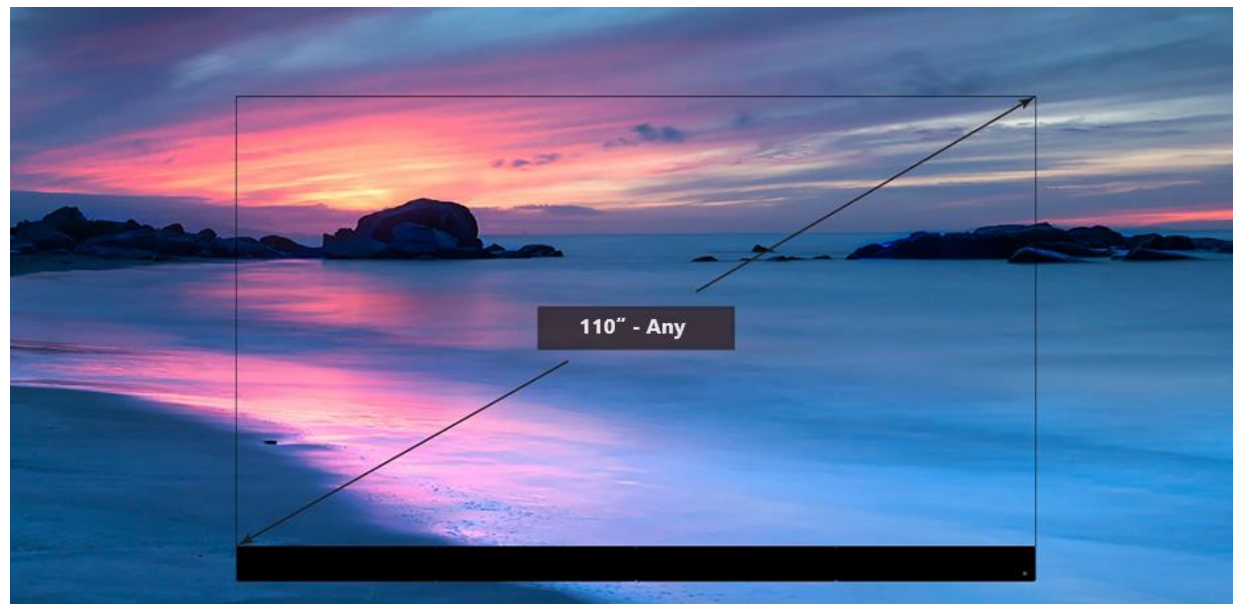


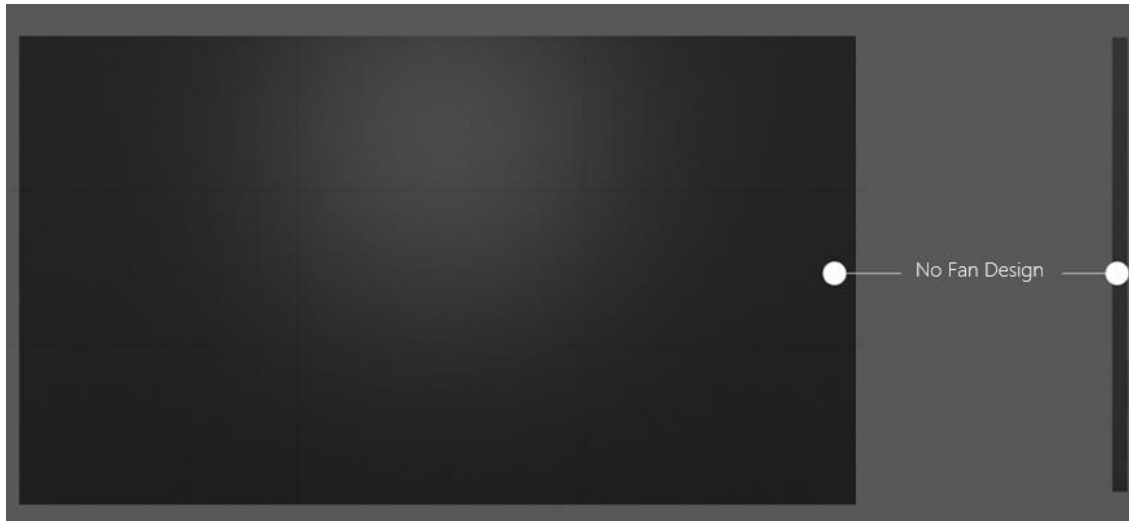
460nm blue light is effectively blocked with the technology and successfully avoid blue light damage to eyes naturally by technologies.

The blue light radiation brightness at 460nm is  $7.12E-03W/(m^2 \cdot sr \cdot nm)$  which is equivalent to 1/89 of LCD TV.

The VICO index reached to astonishing 1.95, which is as comfortable as reading a paper book, arguably the most comfortable display on the market

A single screen is larger than 110 inches, which can meet the viewing needs of multiple people at the same time. It can be infinitely spliced according to actual needs. The entire screen image has no optical seams and is like a whole picture, bringing customers a top-notch visual experience.





Ultra-quiet, Fanless

Heat is dissipated through the structure of the display itself to avoid noise interference from projectors or large screens.

Ultra-long lifespan, up to 100,000 hours, no consumables materials required, can be used for a longer period of time





## APPLICATION SCENARIO



Product Series	H0.87	H0.9	H1.1	H1.3
<b>LED Module</b>				
Module Size(mm)	120*90mm	200*150mm	152*171mm	200*150mm
LED Pixel Resolution	80(W)*60(H)	120W*90H	80(W)*90(H)	80(W)*60(H)
Optical Lens Area	2.115mm <sup>2</sup>	2.77mm <sup>2</sup>	3.84mm <sup>2</sup>	6.68mm <sup>2</sup>
Pixel fill factor	94%	90%	90%	0.9
Out of Control Point	≤3 in 100,000, discrete distribution	≤3 in 100,000, discrete distribution	≤3 in 100,000, discrete distribution	≤3 in 100,000, discrete distribution
Power Voltage	DC3.9-5V	DC3.9-5V	DC4.2-5V	DC4.2-5V
Max Power	5W/pcs	24W/pcs	12W/pcs	9W/pcs
Avg. Power	2.5W/pcs	10W/pcs	4W/pcs	3W/pcs
Scanning method	1/30	1/30	1/30	1/30
Technology	Macro Rear Projection (Grid Display)	Macro Rear Projection (Grid Display)	Macro Rear Projection (Grid Display)	Macro Rear Projection (Grid Display)
White balance brightness (factory standard)	350cd/m <sup>2</sup> ±5%	270cd/m <sup>2</sup> ±5%	220cd/m <sup>2</sup> ±5%	220cd/m <sup>2</sup> ±5%
White balance brightness (Max)	≤500cd/m <sup>2</sup>	≤350cd/m <sup>2</sup>	≤350cd/m <sup>2</sup>	≤350cd/m <sup>2</sup>
<b>Cabinet</b>				
Cabinet Size (mm)	480(L)*270(W)*43(T)	400(L)*300(W)*43(T)	304(L)*342(W)*43(T)	400(L)*300(W)*43(T)
LED Pixel Resolution	320px*180px	240px*180px	160px*180px	160px*120px
Power Voltage	Internal, DC3.9V40A	Internal, DC4.5V40A	Internal, DC4.5V40A	Internal, DC4.5V40A
Input Voltage	AC176-240V; 50/60Hz	AC176-240V; 50/60Hz	AC176-240V; 50/60Hz	AC176-240V; 50/60Hz
Weight(KG)	≈3.8 (including components)	≈4.6 (including components)	≈4.2 (including components)	≈4.6 (including components)
Material	Die-cast aluminum box	Die-cast aluminum box	Die-cast aluminum box	Die-cast aluminum box
Installation and maintenance methods	Front	Front	Front	Front
<b>Full Screen</b>				
Technology	Macro Rear Projection (Grid Display)	Macro Rear Projection (Grid Display)	Macro Rear Projection (Grid Display)	Macro Rear Projection (Grid Display)
Typical Brightness (Max)	350cd/m <sup>2</sup>	300cd/m <sup>2</sup>	300cd/m <sup>2</sup>	300cd/m <sup>2</sup>
Contrast Ratio	200000:1	200000:1	200000:1	200000:1
Color Gamut	124%	116%	116%	116%
Uniformity	> 97%	> 97%	> 97%	> 97%
Viewing Angle	H178°, V178°	H178°, V178°	H178°, V178°	H178°, V178°
Reflectance	6.5%	6.5%	6.5%	6.5%
Service life(H)	100000	100000	100000	100000
Installation	Standing/Hanging/Wall Mounting	Standing/Hanging/Wall Mounting	Standing/Hanging/Wall Mounting	Standing/Hanging/Wall Mounting
Noise Level	3dB Ultra-quiet Design	3dB Ultra-quiet Design	3dB Ultra-quiet Design	3dB Ultra-quiet Design
Operating temperature	-10-50°C/41°-122°F	-10-50°C/41°-122°F	-10-50°C/41°-122°F	-10-50°C/41°-122°F
Working environment humidity	10-65% No Condensation	10-65% No Condensation	10-65% No Condensation	10-65% No Condensation

Note: There are various pitches and packaging products available. It depends on the scenario. InnoVision series LED display requires clear specific environments and needs. For detailed inquiries, please contact a professional product consultant or email to [info@innofuture.tech](mailto:info@innofuture.tech)