

Holographic Transparent Screen Solution



Indoor transparent screen

Images Without Boundaries

High Transparency up to 80%

With transparency up to 80%, the display minimizes light obstruction. The QFN small IC design further enhances the screen's transparency and aesthetics, delivering a clearer and more refined visual experience.



Ultra-Fine Visuals, Eco-Friendly Performance

With a compact scan design, the display achieves exceptional brightness of 5500 nits under low current, ensuring higher energy efficiency and longer LED lifespan. It delivers a stable, delicate, and flawless visual performance.



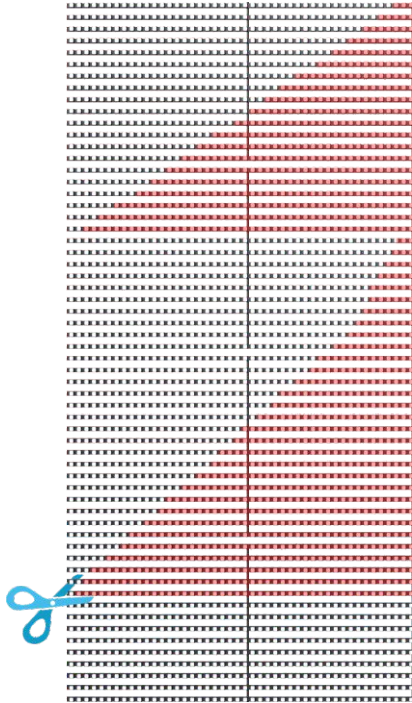
 700–5,500nits

 14bit

 Energy Saving

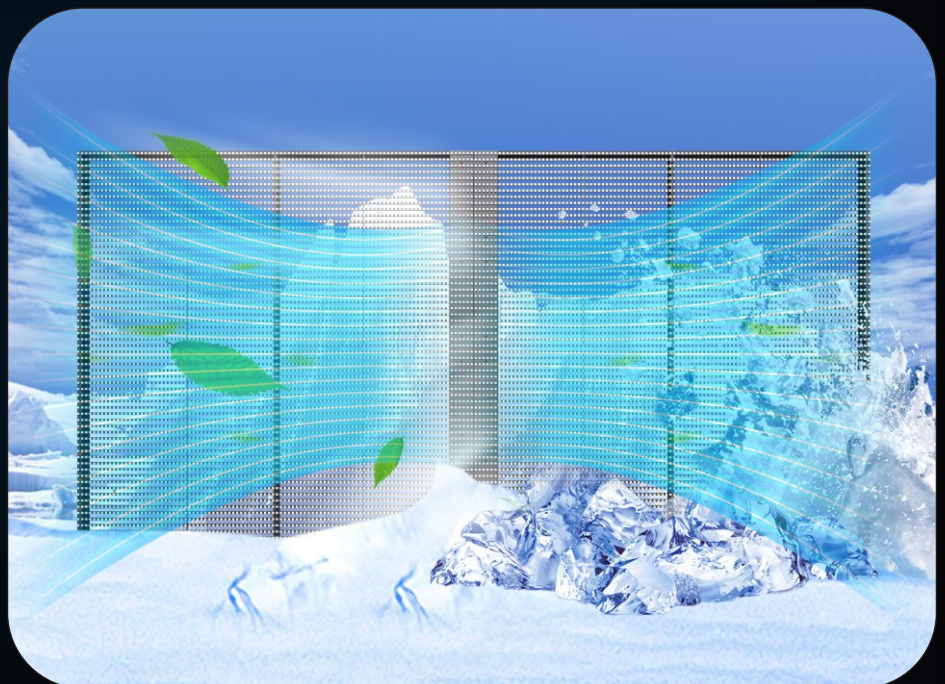
Flexible Screen, Cuttable Design

The PCB structure is cuttable, and the indoor adapter board circuits can be customized at any 125mm height. The screen can be freely shaped and adjusted, easily adapting to creative layouts or complex installation environments.



Efficient Thermal Design

The power box feature heat-dissipation slots to enhance cooling, while the 1.6mm-thick PCB with thick copper foil ensures efficient heat transfer, lowers LED junction temperature, slows light decay, and extends the display's lifespan.



Innovative Design for Enhanced Stability

Plastic insulation between the aluminum frame and LED board effectively prevents friction-induced short circuits. The 1.6mm-thick PCB with thick copper foil avoids localized component failure, significantly enhancing stability and reliability.



Plastic insulating components



High-Strength PCB

Thick copper-foil PCB enhances mechanical strength and toughness, preventing bending or breakage and ensuring stability in flexible installations.



Prevent bending
and breaking



Stable & durable



Specification

Pixel Pitch (mm)	W 2.6 x H 5.2		W 2.6 x H 6.25	
Optimal Viewing Distance (M)	3 – 18	3 – 18	4 – 18	4 – 18
Transparency Rate	58%	58%	50%	50%
Pixel Density (dot/m²)	73,728	73,728	61,440	61,440
Max Power Consumption (W/m²)	800	800	800	800
Average Power Consumption (W/m²)	220	260	240	240
Cabinet Size (mm)	W 1,000 x H 1,000 x D 65			
Cabinet Resolution (PX)	384 x 192	384 x 192	384 x 160	384 x 160
Scanning Method	12	12	12	12
Cabinet Weight (KG)	6.5	6.5	7	7
Brightness (nits)	1,000 – 1,500	5,000	1,000 – 1,500	5,000
LED Lamp Type	1515 RGB	1415 RGB	2121 RGB	1921 RGB
Refresh Rate (Hz)	1,920 / 3,840	1,920 / 3,840	1,920 / 3,840	1,920 / 3,840
Ingress Protection	IP40			
Gray Scale (bit)	14			
Brightness Adjustment	256 Levels			
Cabinet Material	Profile Aluminum + LED Strip			
Control System	NovaStar / Colorlight			
Signal Interface	Terminal DVI / HDMI			
Power Supply Unit (PSU)	Dedicated Transparent LED Power Supply			
Operating Voltage	220 ± 5% / 110 ± 5% → DC 5 V			
Input Voltage	AC 200 ~ 240 V 50 Hz			
Operating Environment	- 10 °C ~ 40 °C			
Installation Method	Hanging or Fixed Installation			
Warranty Period	2 Years			
LED Lifespan	100,000 Hours			



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Specification

Pixel Pitch (mm)	W 3.91 x H 7.81				
Optimal Viewing Distance (M)	4 – 18	4 – 18	4 – 18	4 – 18	4 – 18
Transparency Rate	60%	60%	60%	60%	60%
Pixel Density (dot/m²)	32,768	32,768	32,768	32,768	32,768
Max Power Consumption (W/m²)	400	600	600	800	800
Average Power Consumption (W/m²)	150	200	200	240	200
Cabinet Size (mm)	W 1,000 x H 1,000 x D 65				
Cabinet Resolution (PX)	256 x 128	256 x 128	256 x 128	256 x 128	256 x 128
Scanning Method	16	8	16	8	6
Cabinet Weight (KG)	6.5	6.5	6.5	6.5	6.5
Brightness (nits)	700	1,500	≦ 2,500	≦ 4,500	≦ 5,500
LED Lamp Type	2121 RGB	2121 RGB	1921 RGB	1921 RGB	1921 RGB
Refresh Rate (Hz)	1,920 / 3,840	1,920 / 3,840	1,920 / 3,840	1,920 / 3,840	1,920 / 3,840
Ingress Protection	IP40				
Gray Scale (bit)	14				
Brightness Adjustment	256 Levels				
Cabinet Material	Profile Aluminum + LED Strip				
Control System	NovaStar / Colorlight				
Signal Interface	Terminal DVI / HDMI				
Power Supply Unit (PSU)	Dedicated Transparent LED Power Supply				
Operating Voltage	220 ± 5% / 110 ± 5% → DC 5 V				
Input Voltage	AC 200 ~ 240 V 50 Hz				
Operating Environment	– 10 °C ~ 40 °C	– 25 °C ~ 55 °C			
Installation Method	Hanging or Fixed Installation				
Warranty Period	2 Years				
LED Lifespan	100,000 Hours				



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Pixel Pitch (mm)	W 10.41 x H 10.41	W 20.8 x H 20.8	W 3.9 x H 7.8	W 10.4 x H 10.4
Optimal Viewing Distance (M)	8 – 50	20 – 50	4 – 18	8 – 50
Transparency Rate	52%	80%	65%	65%
Pixel Density (dot/m²)	9,216	2,304	32,256	9,216
Max Power Consumption (W/m²)	800	600	800	800
Average Power Consumption (W/m²)	260	200	220	240
Cabinet Size (mm)	W 1,000 x H 1,000 x D 65		W 1,000 x H 500 x D 85	
Cabinet Resolution (PX)	96 x 96	48 x 48	256 x 128	96 x 96
Scanning Method	4	Static	6	4
Cabinet Weight (KG)	6.2	6.5	17	17
Brightness (nits)	4,500	2,500	4,500	4,500
LED Lamp Type	3535 RGB	3535 RGB	1921 RGB	2727 RGB
Refresh Rate (Hz)	1,920 / 3,840	1,920 / 3,840	1,920 / 3,840	1,920 / 3,840
Ingress Protection	IP40		IP65 (Outdoor)	
Gray Scale (bit)	14			
Brightness Adjustment	256 Levels			
Cabinet Material	Profile Aluminum + LED Strip			
Control System	NovaStar / Colorlight			
Signal Interface	Terminal DVI / HDMI			
Power Supply Unit (PSU)	Dedicated Transparent LED Power Supply			
Operating Voltage	220 ± 5% / 110 ± 5% → DC 5 V			
Input Voltage	AC 200 ~ 240 V 50 Hz			
Operating Environment	– 25 °C ~ 55 °C			
Installation Method	Hanging or Fixed Installation			
Warranty Period	2 Years			
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