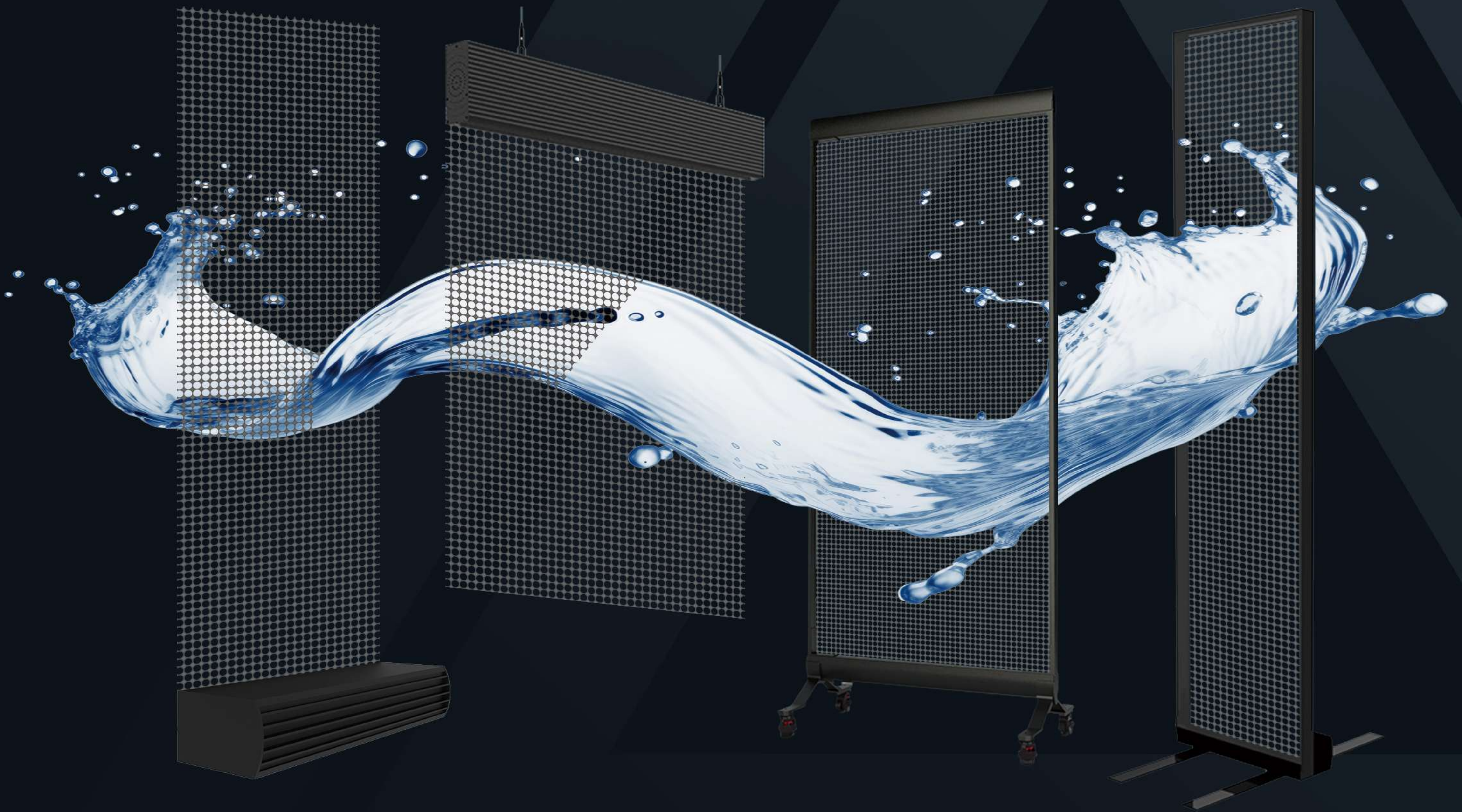




Transparent LED Display

Holographic Module Series

- STH-D Series
- STH-S Series
- STH-Pro Series

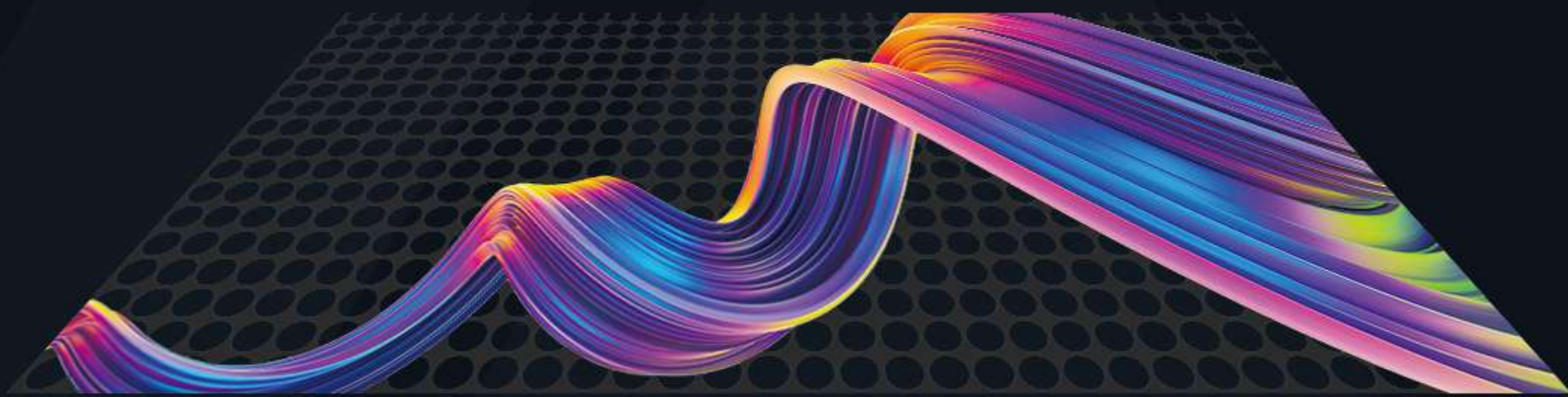
Standard Holographic Displays

- STH-L Series
- STH-F Series
- Holographic Module Sample

STH-D Series ▾

Ultra-Slim & Lightweight

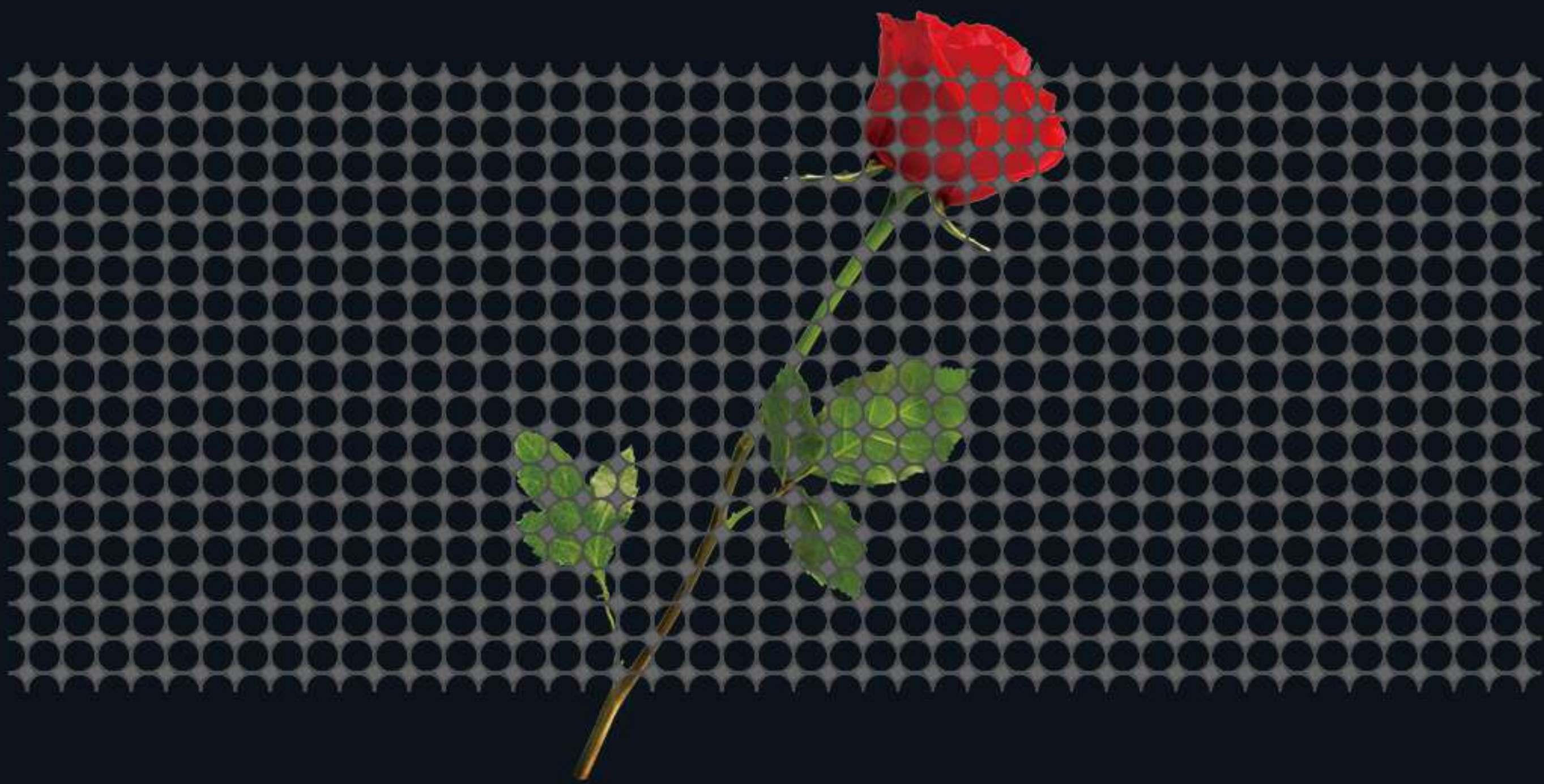
With pixel pitches of 3.91mm and 4.8mm, a module size of 1,000×250mm, and a display thickness of only 2.7mm, the STH-D Series is ultra-slim and exceptionally lightweight, making installation simple and elegant.



Thickness: 2.7mm

High Transparency

With a transparency rate of no less than 70%, the display blends seamlessly into glass and architectural structures, maintaining openness and natural aesthetics.



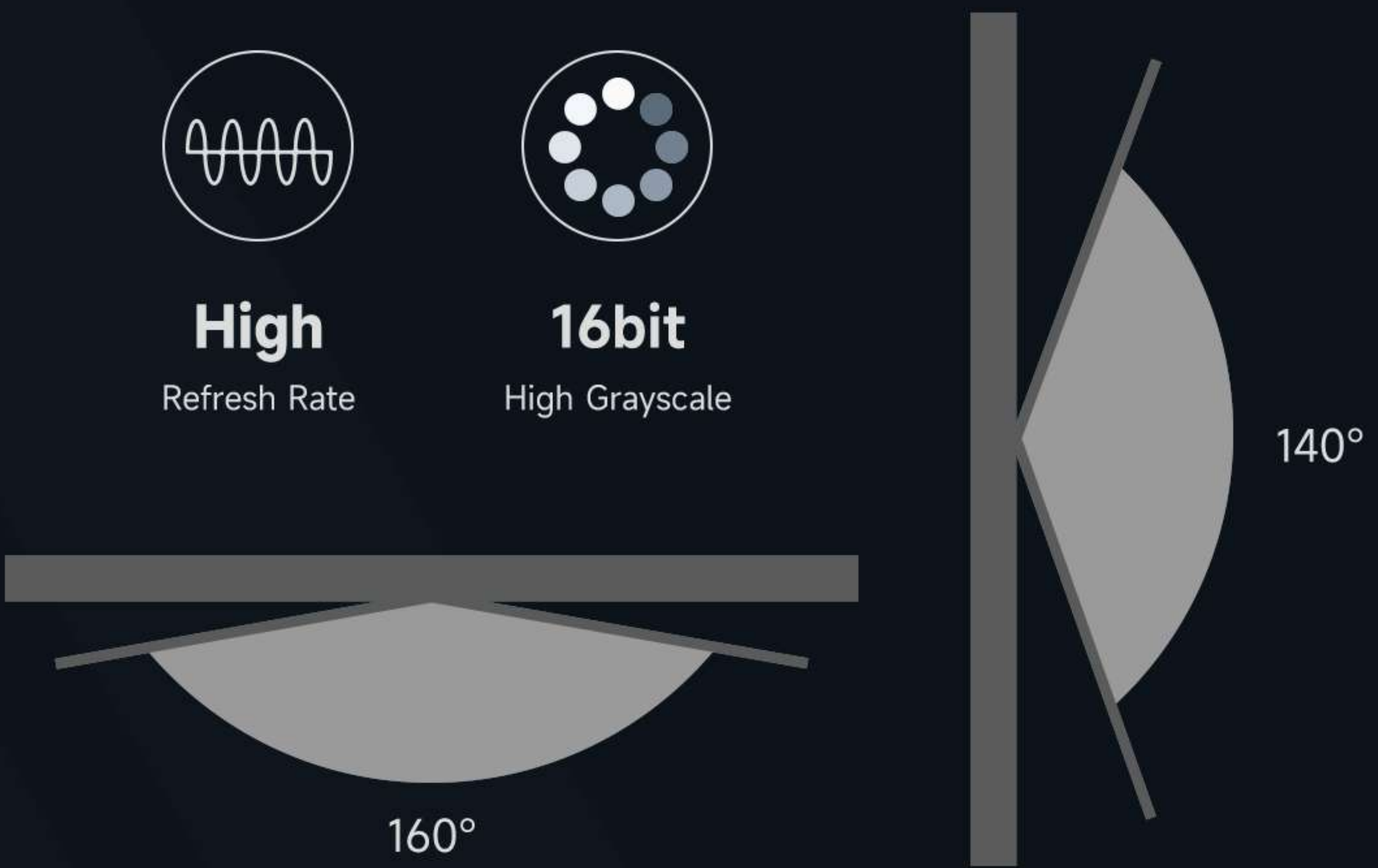
Brilliant Brightness

Delivering up to 4,500 nits, the STH-D Series ensures vivid visibility even in bright environments. Both automatic and manual adjustment modes adapt to ambient lighting conditions for optimal performance.



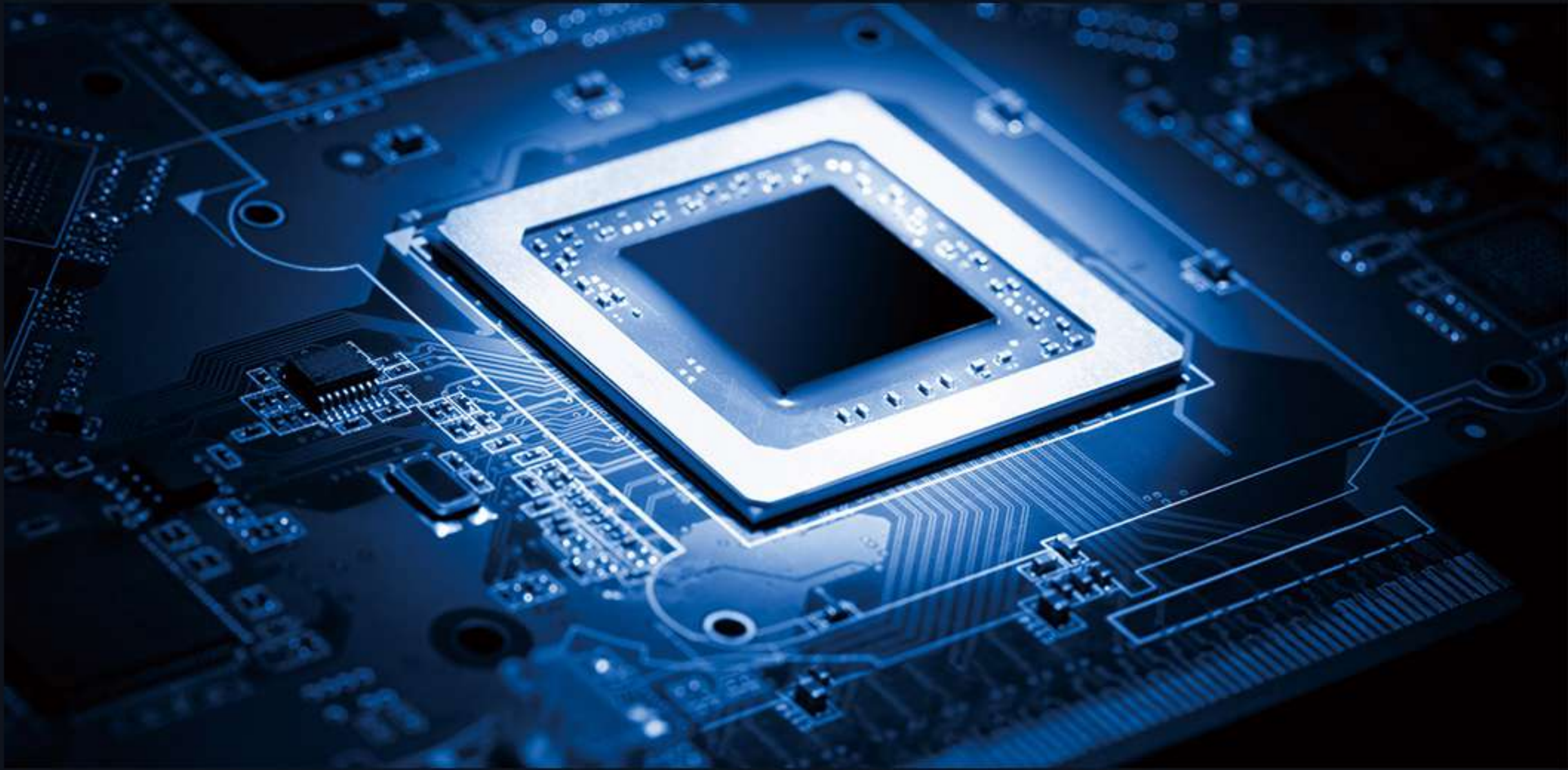
Wide Viewing & Vivid Visuals

Enjoy wide viewing angles of 160° horizontally and 140° vertically, combined with high refresh rates and 16-bit color depth to deliver smooth, sharp, and vibrant visuals.



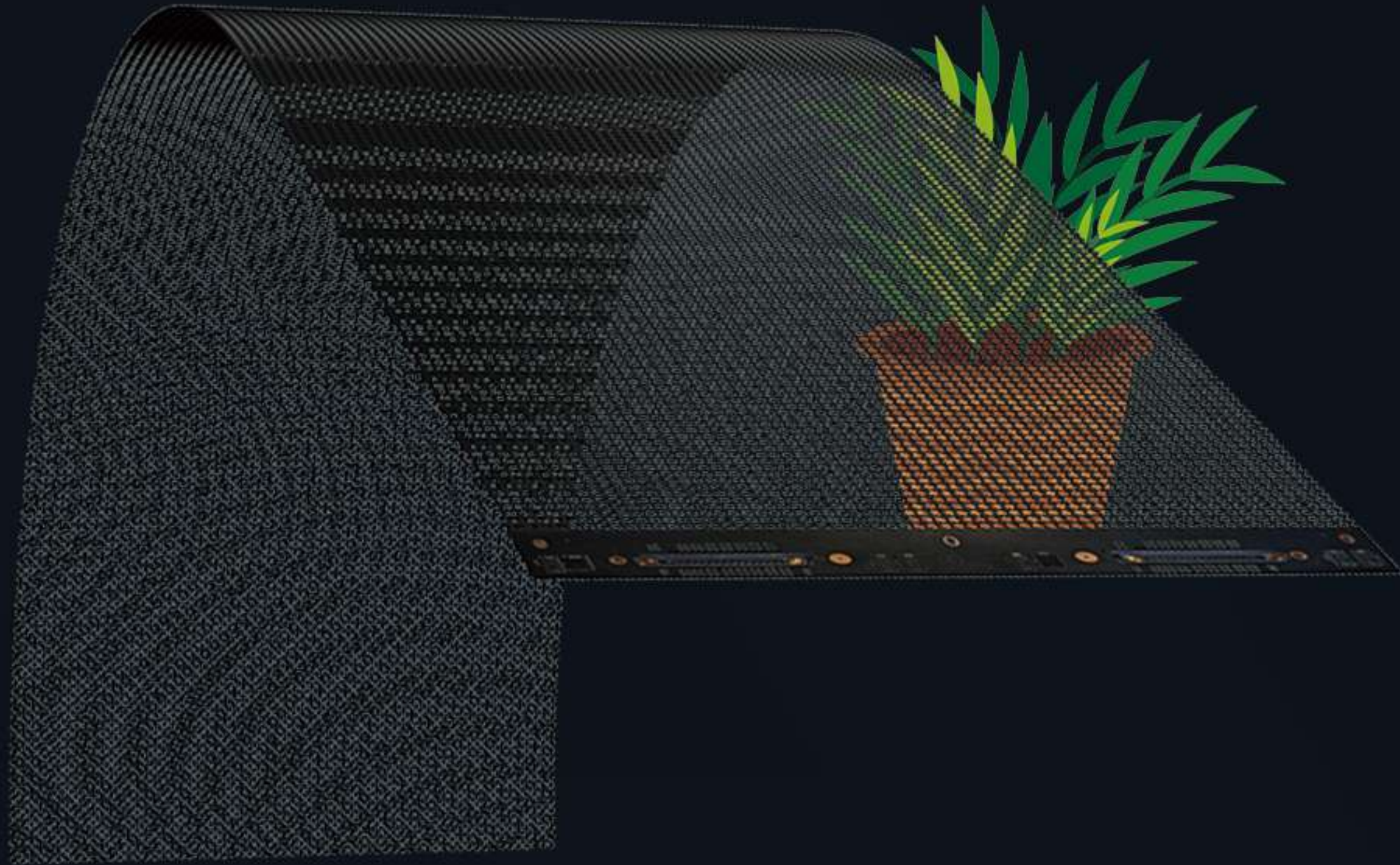
Efficient Heat Dissipation

A separated LED and driver design improves heat dissipation, enhances performance stability, and simplifies maintenance for long-term reliability.



Flexible & Customizable

Supports curved surface displays and customizable sizing, giving you the freedom to design creative and unique visual solutions for diverse applications.



Parameters

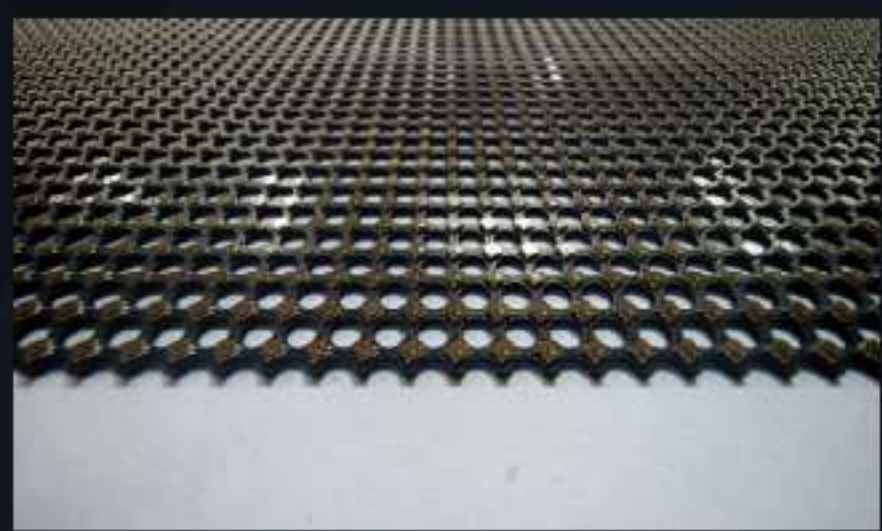
Items	D39	D48
Pixel Pitch (mm)	3.9	4.8
LED Driving Method	Separate LED and driver	
Pixel Density (pixels/m²)	65,536	43,264
Transparency Rate	70%	80%
Module Size (mm)	1,000×250	
Product Size (mm)	1,000×250×73	
LED Type	SMD1921	
Weight (kg)	1.4	1.3
Module Resolution (W×H)	254×64	208×52
Control System	Synchronous / Asynchronous	
Brightness (cd/m²)	4,500 (white balance); auto/manual brightness adjustment	3,500 (white balance); auto/manual brightness adjustment
Viewing Angle (H/V)	160°/140°	
Display Thickness (mm)	2.7	
Drive Mode	Static	
Working Time	24/7 operation; lifespan ≥100,000 hours	
Grayscale (bit)	16	
Color Temperature (K)	5,500–15,000 (adjustable)	
Drive Mode	Dynamic	
Attenuation Rate	Less than 0.05% within 2 years	
Peak Power Consumption (W/m²)	960	
Average Power Consumption (W/m²)	300	
Input Voltage	200V–240V ±10%, AC 50Hz, three-phase five-wire	
Operating Environment	0 °C ~ 60 °C, 20% ~ 85% RH	
Storage Environment	-20 °C ~ 65 °C, 10% ~ 85% RH	
Installation Method	Wall-mounted / Glass-mounted / Hanging / Stacking / Curved-surface installation / Customizable sizing	

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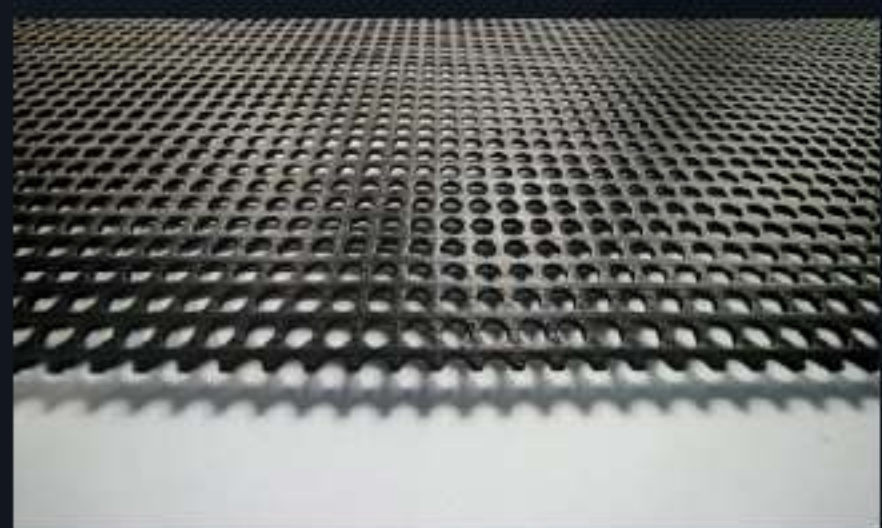
STH-S Series ▾

Ultra-Slim Design

With a thickness of less than 2mm, the STH-S Series is exceptionally thin and lightweight. Its simple structure integrates the LED chip, back panel, and power box for streamlined installation.



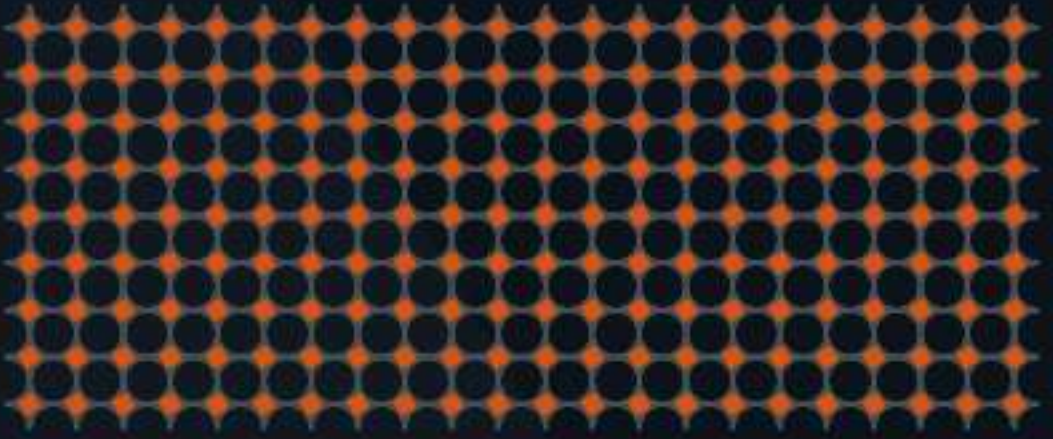
Front view (real shot)



Back (real shot)



Product Schematic Diagram (part)



◆ Luminescent Chip

✦ Screen back panel

Power supply

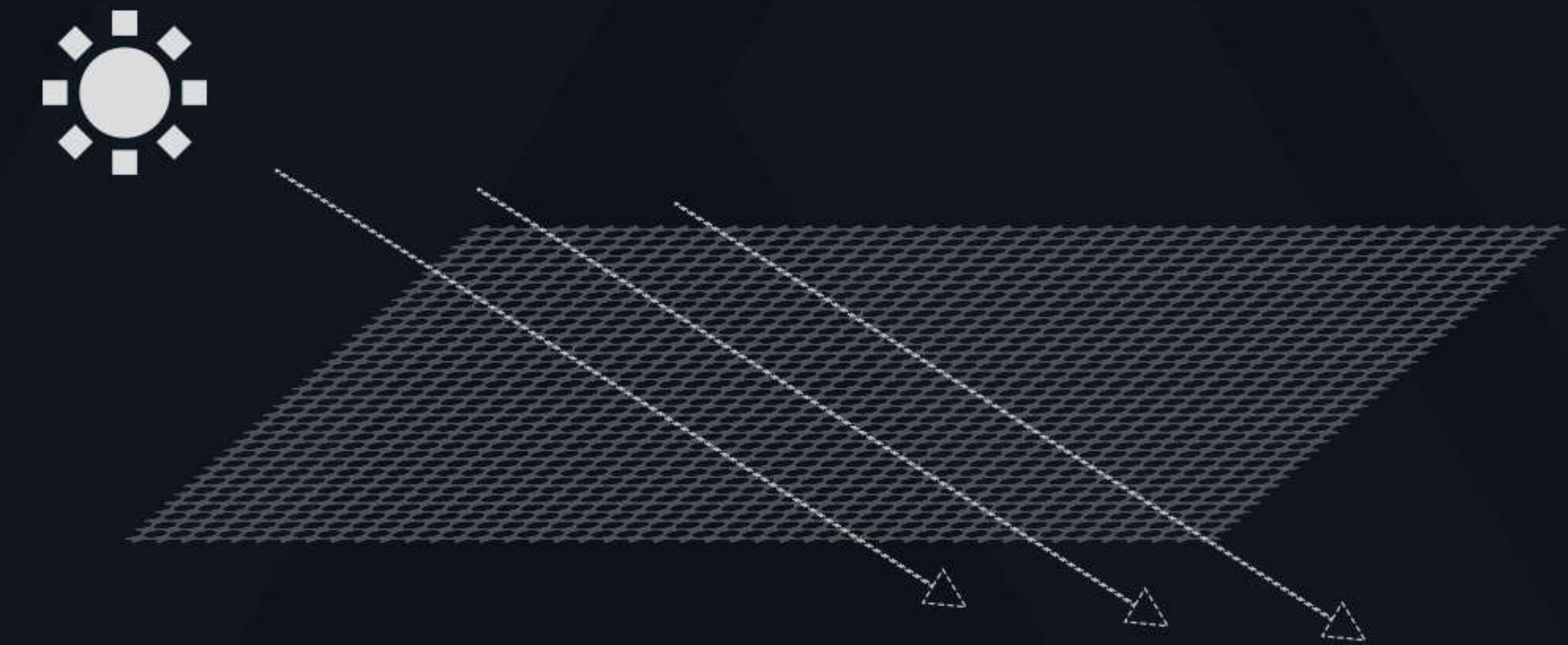
Flexible & Cuttable

Featuring bendable PCB boards, the LED holographic modules can be curved at different angles or cut to size, seamlessly adapting to diverse environments while delivering the best visual effect.



High Transparency

Engineered for maximum transparency, the display maintains natural lighting and blends perfectly into architectural glass surfaces.



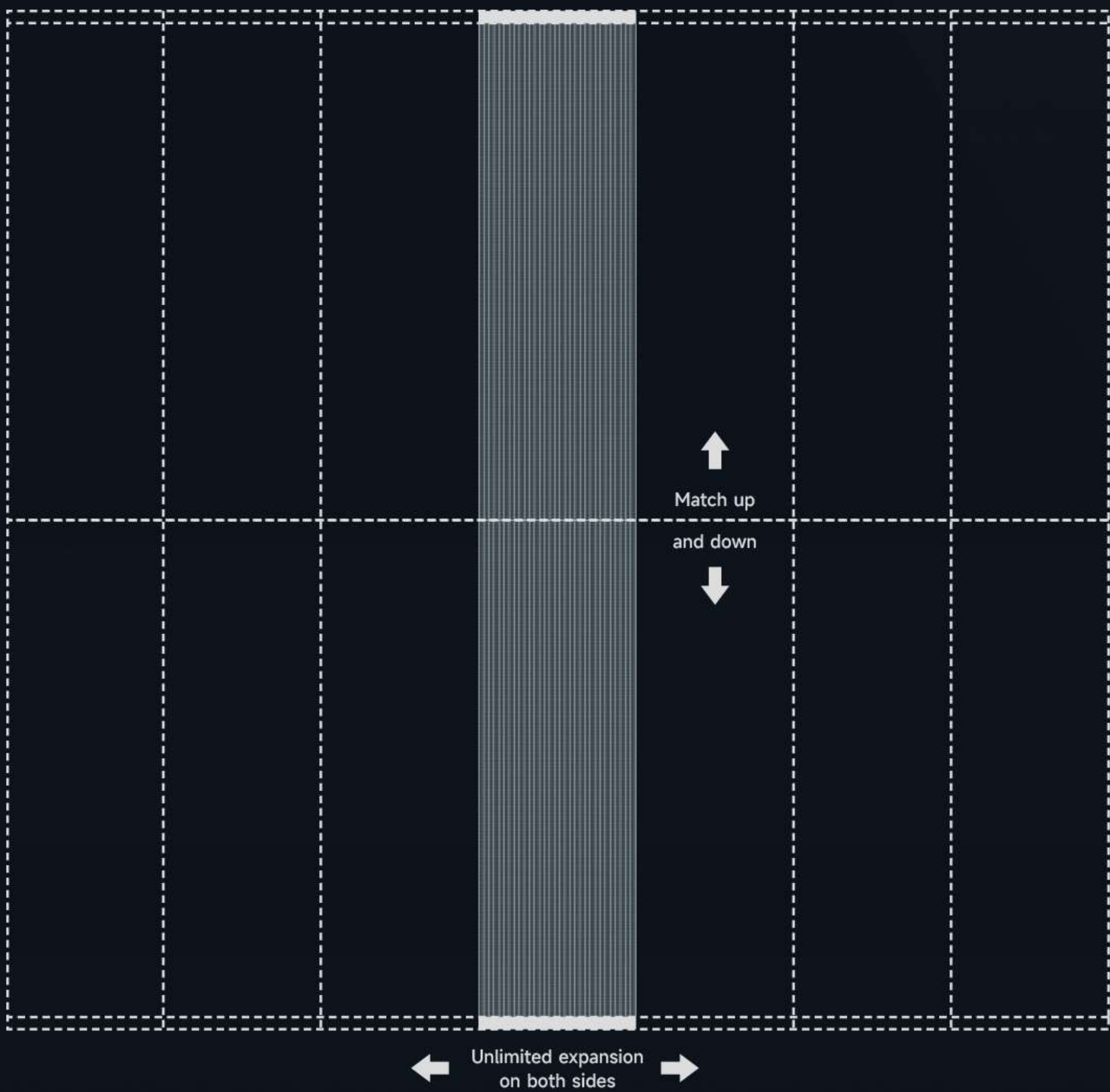
High Refresh & 3D Ready

With a 3,840Hz refresh rate for smooth, flicker-free visuals, the screen supports 60fps video playback and up to 120fps for immersive 3D effects.



Seamless Splicing

Modules support vertical stacking and unlimited horizontal extension, enabling flexible configurations from compact displays to expansive video walls.



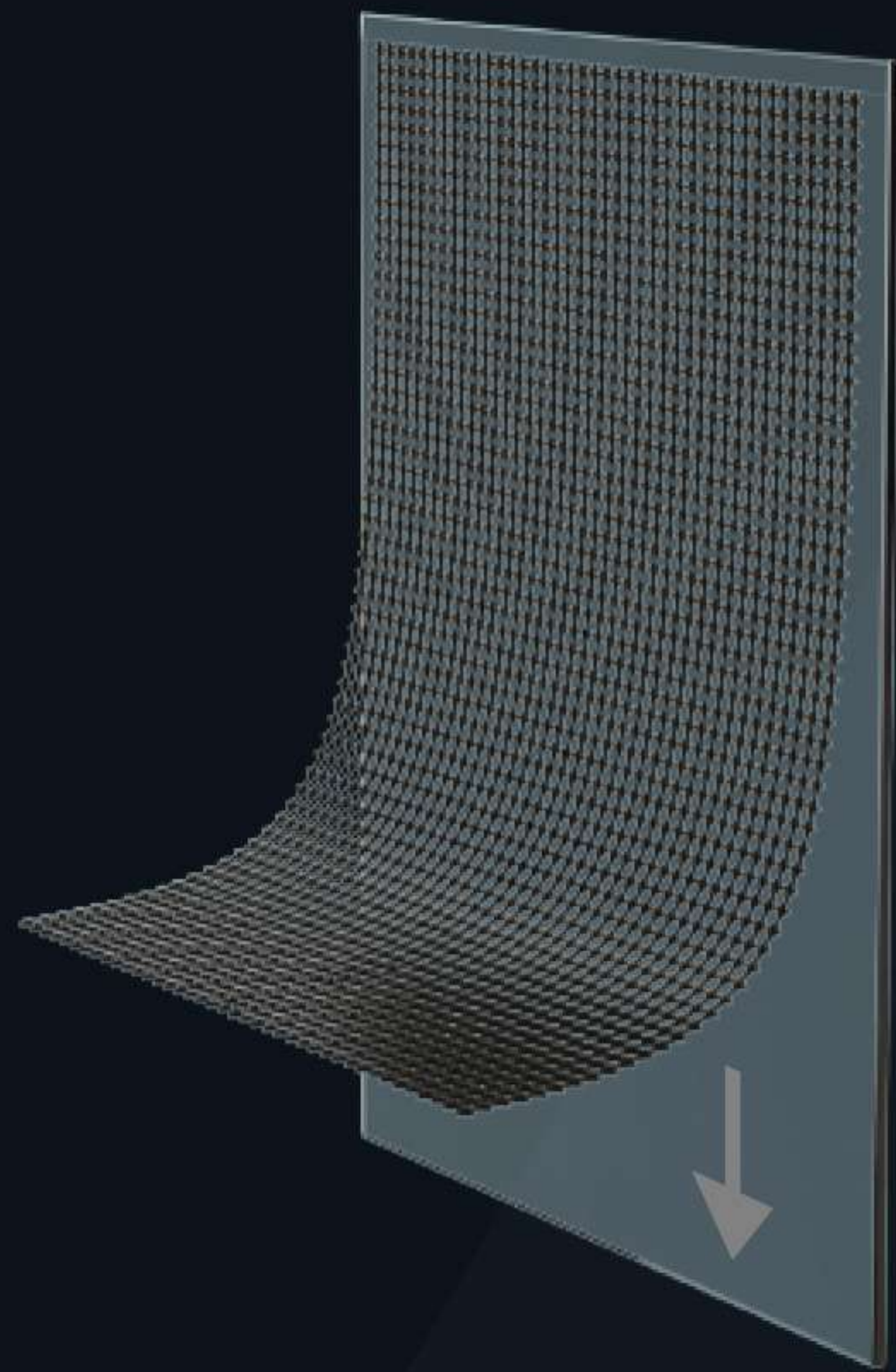
High Brightness

Designed for commercial storefronts and glass facades, the STH-S Series delivers outstanding brightness for vivid, eye-catching visuals without compromise.



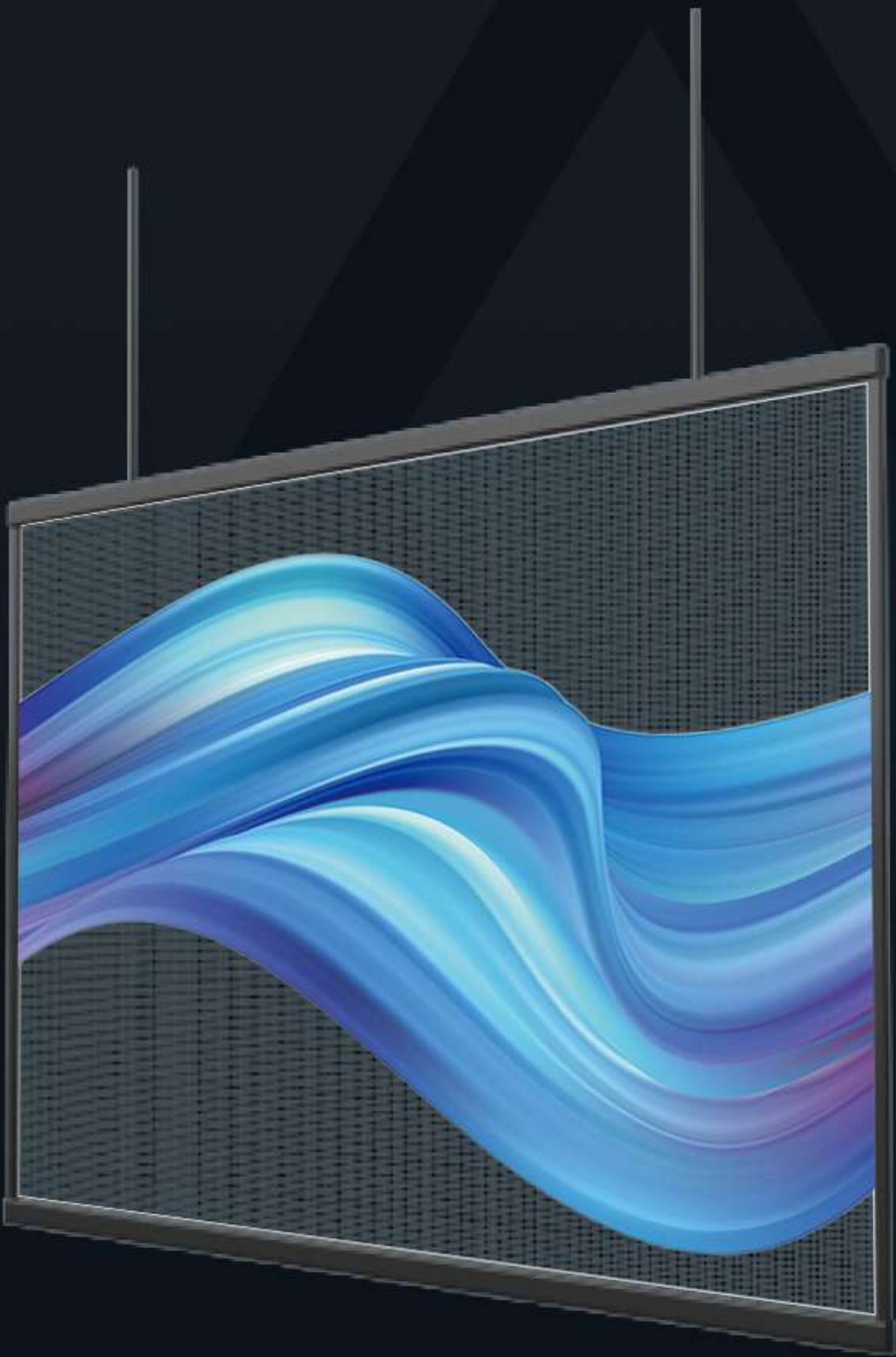
Glue-on-Glass Installation

The back of each module is coated with a special adhesive, allowing the screen to be directly applied to glass surfaces. Strong adhesion ensures stability and long-lasting performance.



Suspended Display

Multiple modules can be spliced and hung in mid-air, creating striking suspended installations with a unique floating effect.



Parameters

Items	S25	S391	S625	S10
Pixel Pitch (mm)	2.5	3.91	6.25	10
LED Driving Method	Integrated LED and driver			
Module Size (mm)	125×1,000 / 125×1,200	250×1,000 / 250×1,200/ 250×1,500	250×1,200/ 250×1,500	250×1,000 / 250×1,500
Product Size (mm)	125×1,035 / 125×1,235	250×1,035 / 250×1,235/ 250×1,535	250×1,235/ 250×1,535	250×1,035 / 250×1,535
Pixel Density (pixels/m²)	160,000	65,536	25,600	10,000
Module Resolution (W×H)	50×400 / 50×180	64×256 / 64×307/ 64×384	40×192/ 40×240	25×100/ 25×150
Transparency Rate	70%	80%	90%	93%
Brightness (cd/m²)	≥1,800	≥3,000	≥5,000	≥5,000
Peak Power Consumption (W/m²)	800	1,000	1,000	1,000
Average Power Consumption (W/m²)	350	370	370	370
Viewing Angle (H/V)	140°/140°			
Contrast Ratio	4,000:1			
Protection Level	IP20			
Frame Rate (Hz)	60 fps (120 fps with High Refresh for 3D)			
Refresh Rate (Hz)	3,840Hz			
Color Temperature (K)	2,000–9,500			
Input Voltage	AC100V–AC240V, 50–60Hz			
Operating Environment	-10 °C ~ 60 °C, 10% ~ 90% RH			
Working Time	24/7 operation; lifespan ≥100,000 hours			
Installation Method	Glass-mounted / Hanging / Inner-curved installation / Customizable sizing			

* The specifications are for reference only. Actual parameters may vary depending on the specific model or contractual agreement.

STH-Pro Series ▾

Ultra-Light & Ultra-Thin

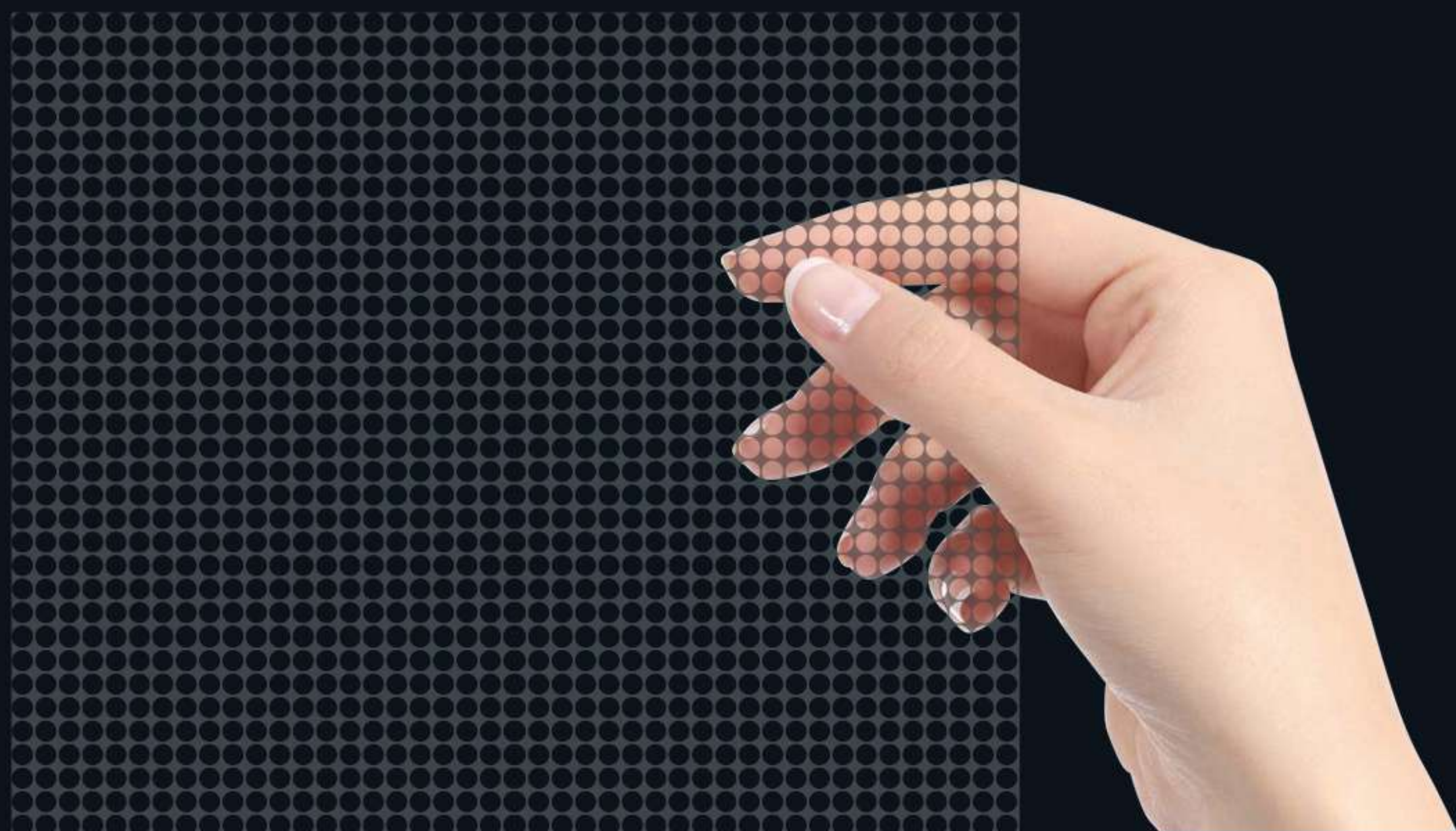
This premium version adopts an all-in-one LED-driver structure. Each module starts from just 0.5kg in weight and 1.5mm in thickness, making installation effortless and elegant.



Thickness: Min. 1.5mm

Crystal Clear

With over 80% transparency, the display blends seamlessly into glass surfaces, preserving natural light and architectural aesthetics.



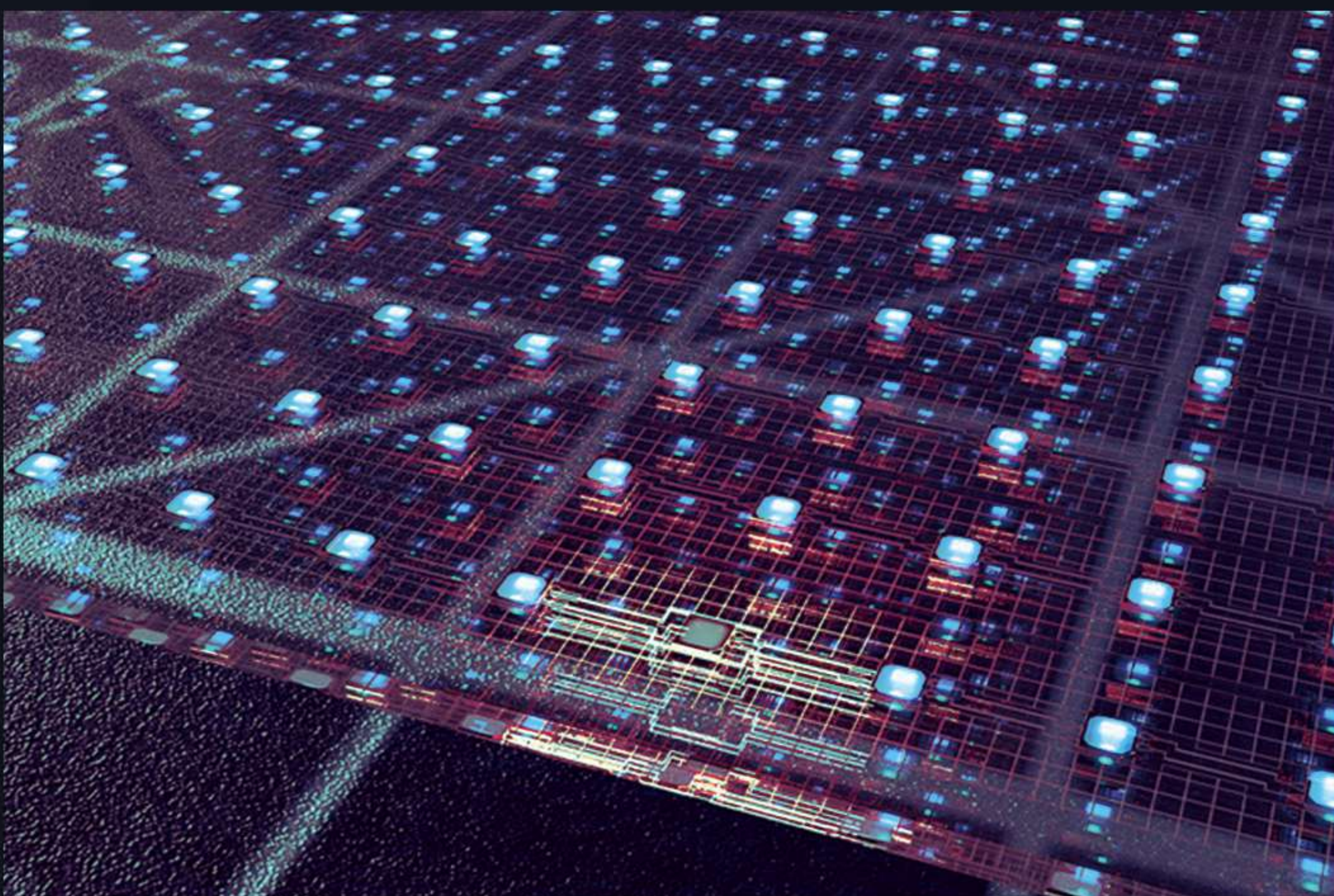
Outstanding Display Performance

Delivering high brightness with 16-bit color depth, high refresh rate, and wide viewing angles of 160° horizontal and 140° vertical for smooth, vivid visuals.



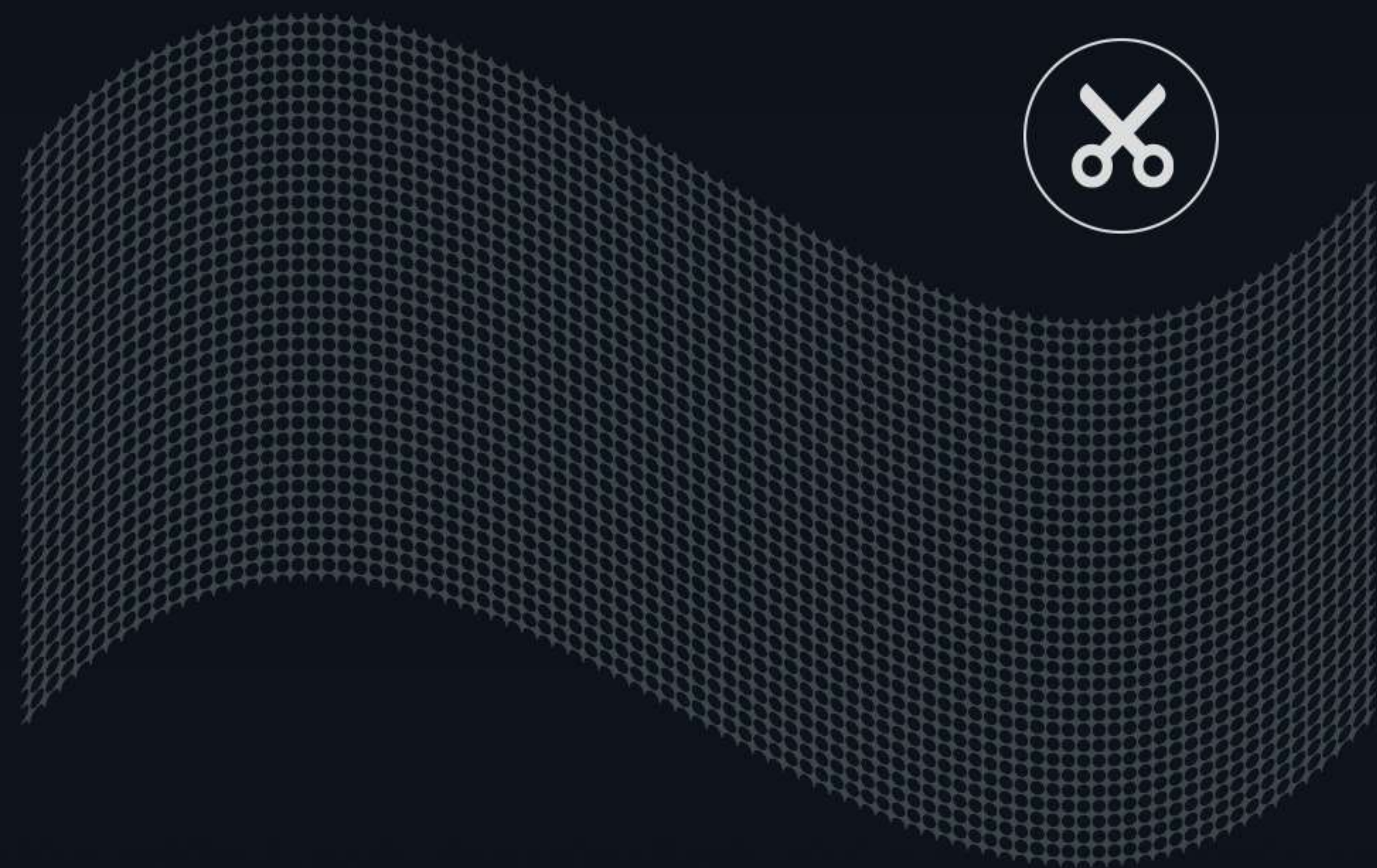
Resumable Transmission

The Pro Series ensures continuous playback even if the signal is interrupted, providing reliable content display without disruption.



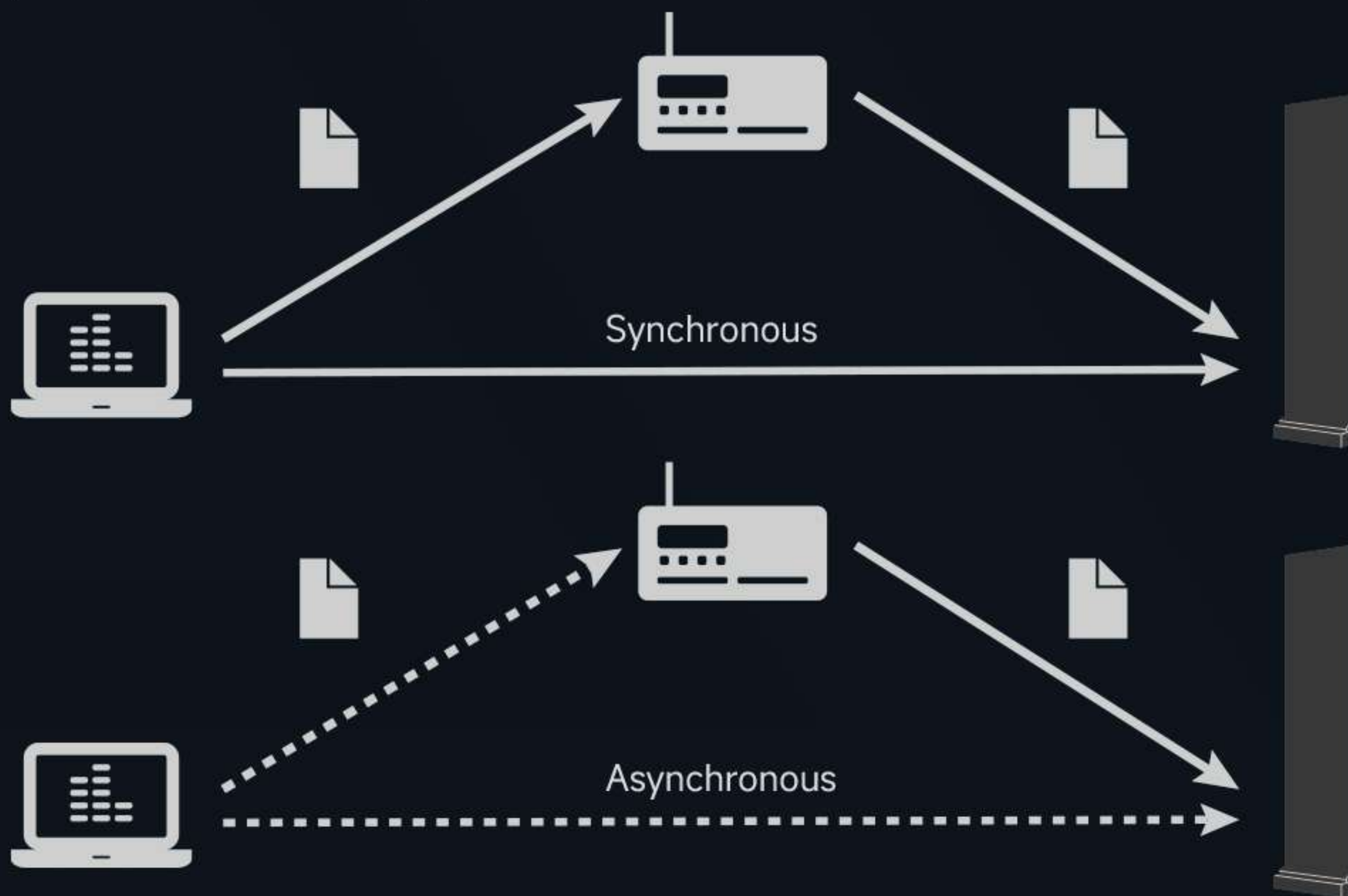
Flexible & Customizable

Modules are flexible, bendable, and can be cut to size, supporting customized screen dimensions for unique installations.



Synchronous & Asynchronous Control

Compatible with both synchronous and asynchronous LED control systems, offering versatile operation for various setups.



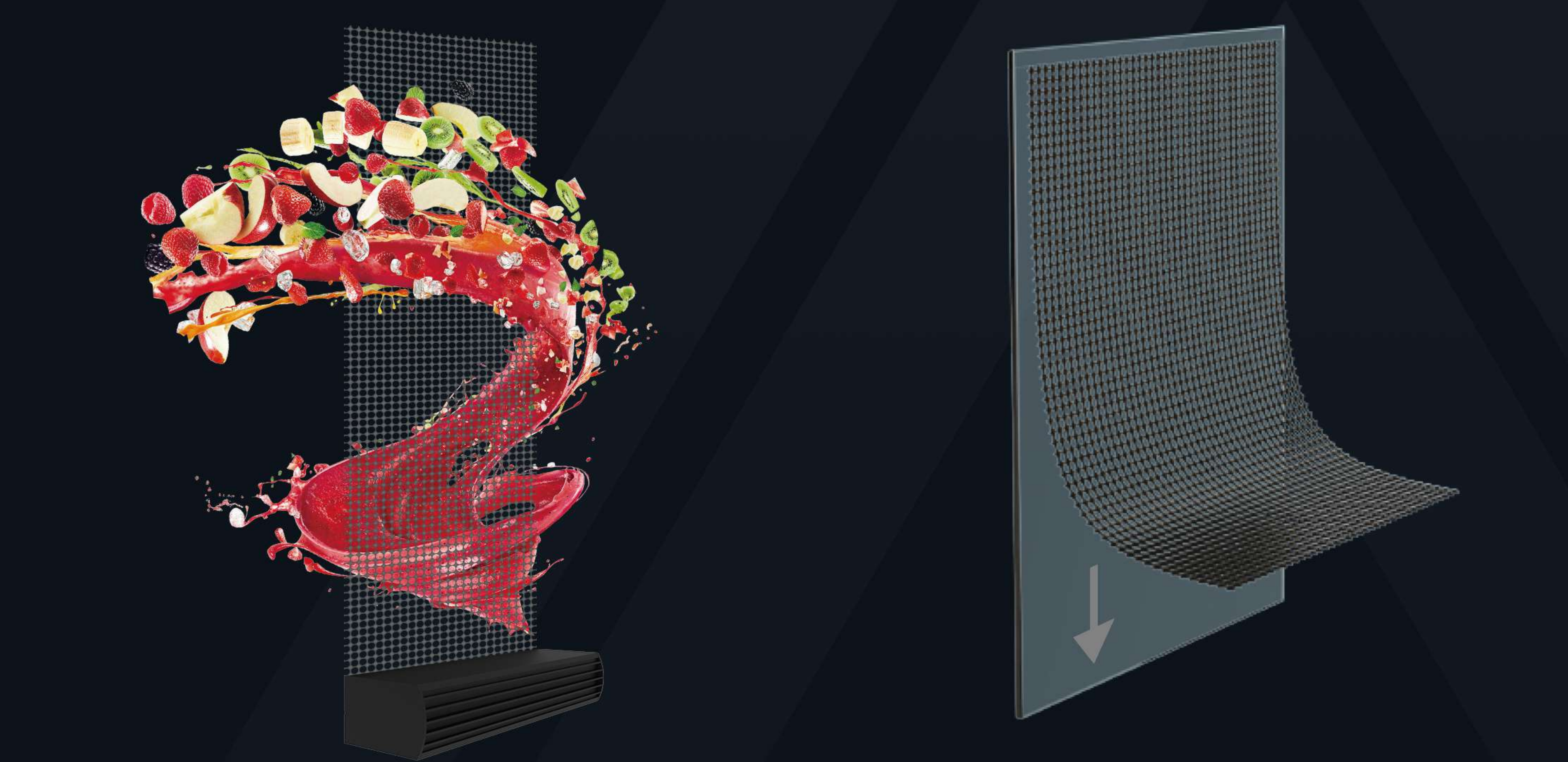
Holographic 3D Content Experience

Our holographic LED screen supports 3D content playback, delivering an immersive and captivating viewing experience.



Easy Installation

Simply remove the protective film, align and paste the module onto the glass, and power on. No complex structures or mounting required.



Parameters

Items	PRO29	PRO391	PRO625	PRO78	PRO104
Pixel Pitch (mm)	2.9	3.91	6.25	7.8	10.4
LED Driving Method	Integrated LED and driver				
Pixel Density (pixels/m²)	112,896	65,536	25,600	16,384	9,216
Transparency Rate	> 80%	> 80%	> 90%	> 90%	> 90%
Module Size (mm)	1,025×250 / 1,200×250 / 1,500×250				
Product Size (mm)	1,047×250×72 / 1,222×250×72 / 1,522×250×72				
LED Type	1818	2121	2121	2727	2727
Weight (kg)	1.15 / 1.31 / 1.61	1.04 / 1.11 / 1.21	1.07 / 1.11 / 1.21	1 / 1.04 / 1.1	1 / 1.04 / 1.1
Module Resolution (W×H)	336×84 / 392×84 / 492×84	256×64 / 300×64 / 376×64	160×40 / 188×40 / 232×40	128×32 / 160×32 / 192×32	96×24 / 120×24 / 144×24
Control System	Synchronous / Asynchronous				
Brightness (cd/m²)	3,000 / 2,500 / 2,000	4,500 / 3,500 / 3,000	6,000 / 5,000 / 4,000	6,500 / 5,500 / 4,500	6,500 / 5,500 / 4,500
Viewing Angle (H/V)	160°/140°				
Display Thickness (mm)	1.5	1.8	1.8	3.6	3.6
Resumable Transmission	Yes				
Working Time	24/7 operation; lifespan ≥100,000 hours				
Grayscale (bit)	16				
Color Temperature (K)	5,500–15,000 (adjustable)				
Drive Mode	Static				
Attenuation Rate	Less than 0.05% within 2 years				
Peak Power Consumption (W/m²)	1,100	1,120 / 1,104 / 1,152	816 / 960 / 1068	1,100	1,100
Average Power Consumption (W/m²)	350	640 / 534 / 428	440 / 534 / 428	350	350
Input Voltage	200V–240V ±10%, AC 50Hz, three-phase five-wire				
Operating Environment	0 °C ~ 60 °C, 20% ~ 85% RH				
Storage Environment	-20 °C ~ 65 °C, 10% ~ 85% RH				
Installation Method	Wall-mounted / Glass-mounted / Hanging / Stacking / Curved-surface installation / Customizable sizing				

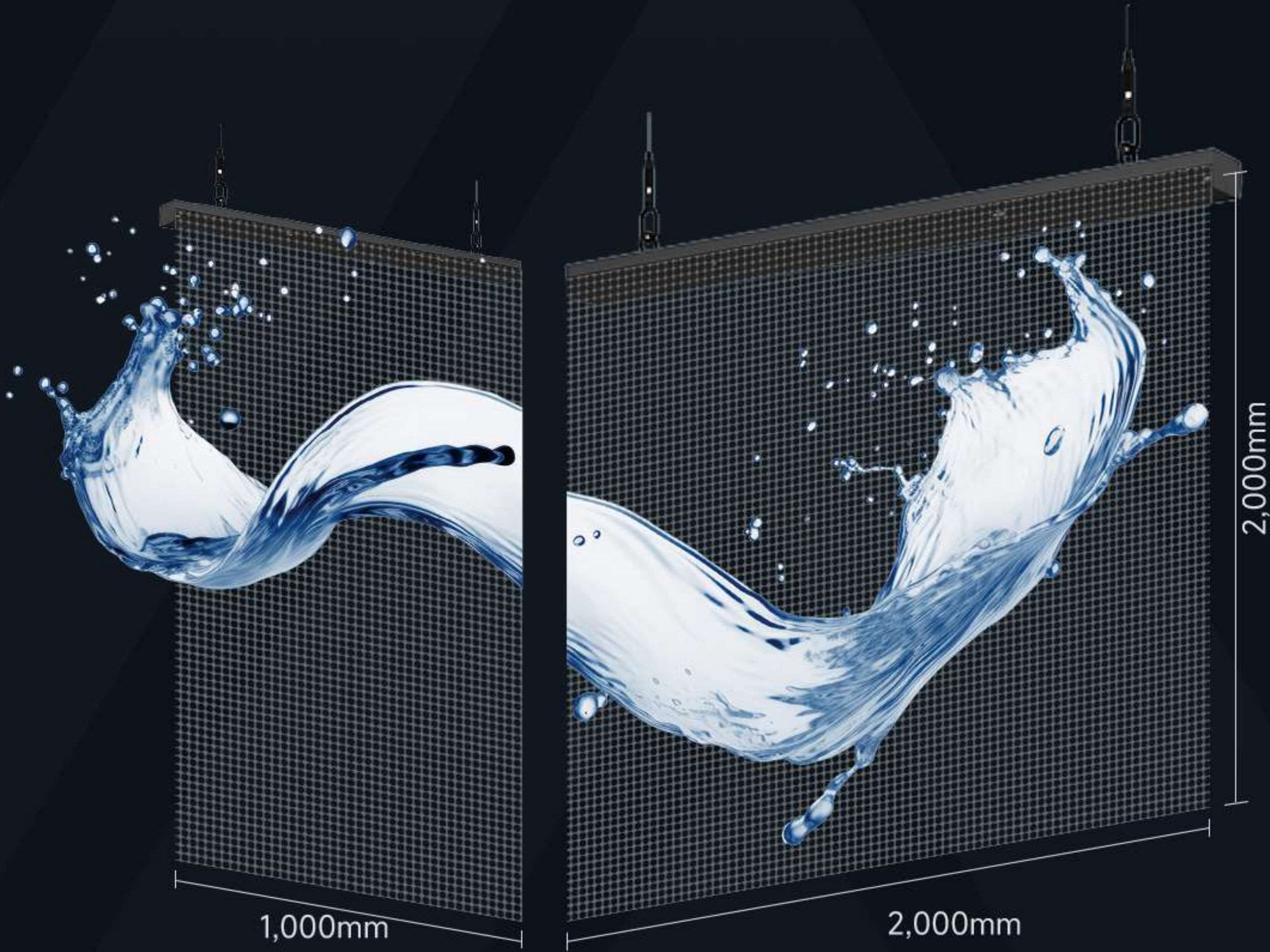
* The specifications are for reference only. Actual parameters may vary depending on the specific model or contractual agreement.

STH-L Series ▾

The STH-L Seires offers two suspended display options: single-sided and double-sided.

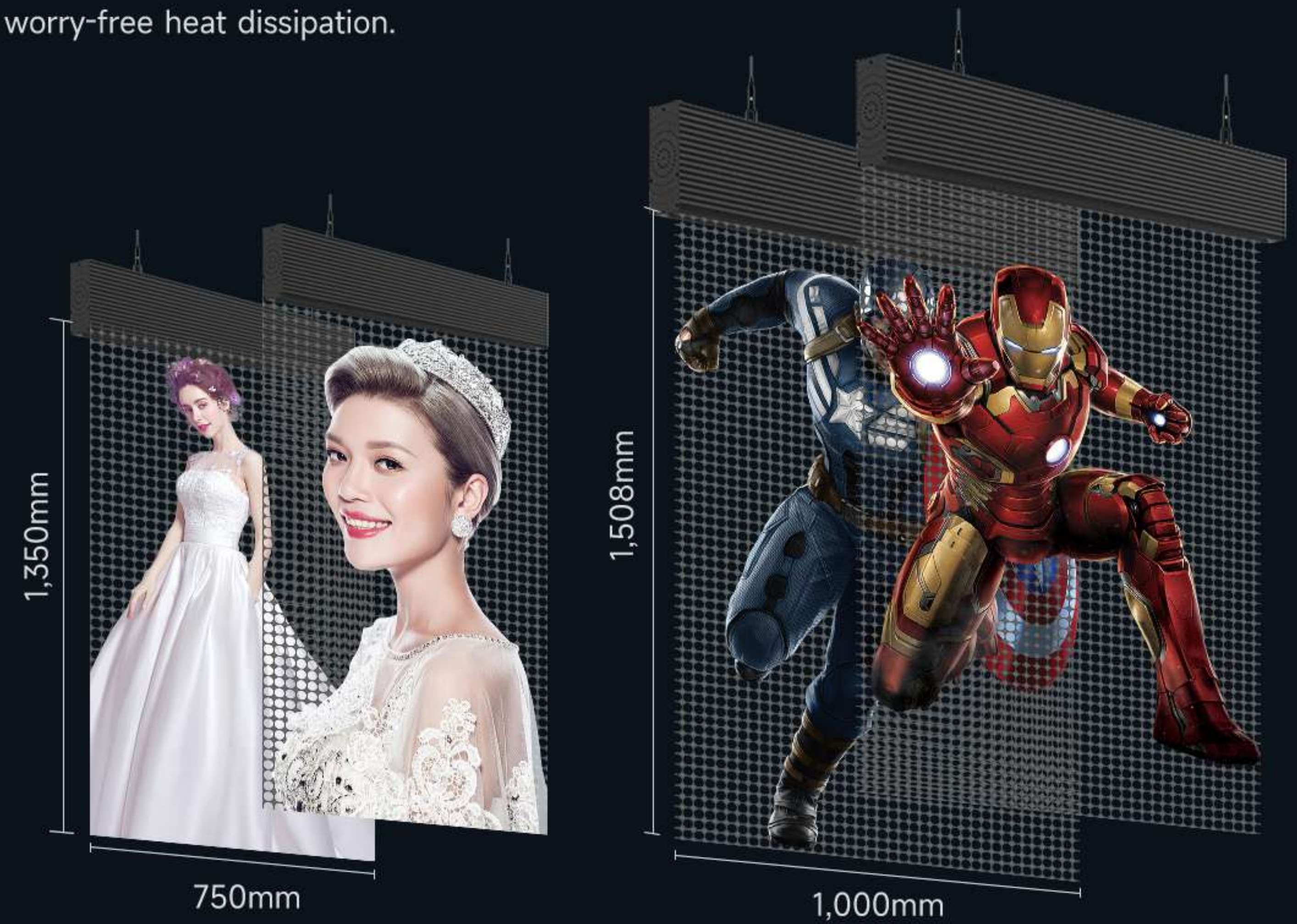
STH-L1 — Single-Sided Display

Features an aluminum frame, designed for elegant single-sided installations.



STH-L2 — Double-Sided Display

Designed for double-sided visibility. The front of the power box features a unique striped design, showcasing exceptional taste, while the sides feature a circular design for efficient, worry-free heat dissipation.



Parameters

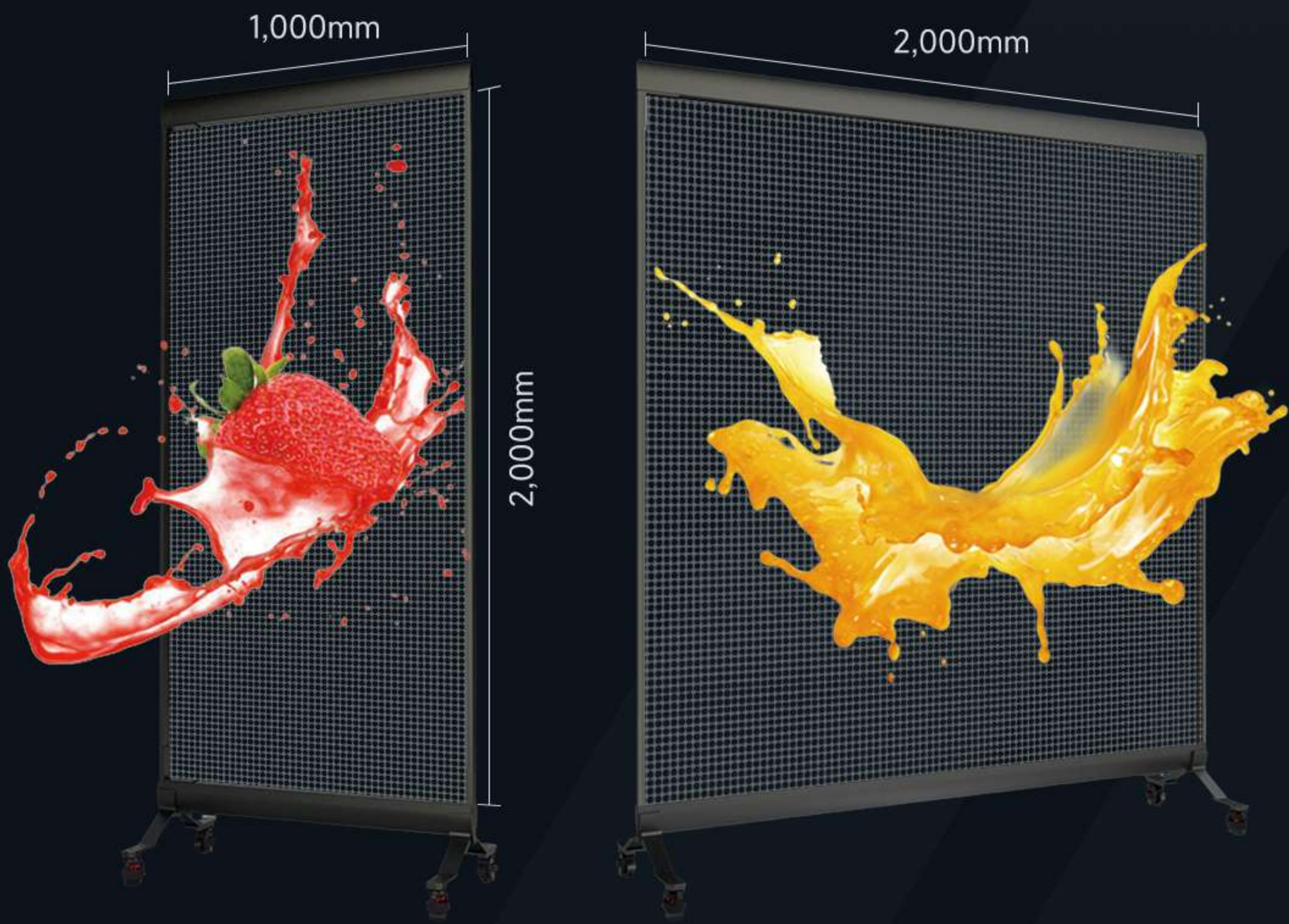
Items	STH-L1	STH-L2
Pixel Pitch (mm)	3.91	
LED Driving Method	Integrated LED and driver	
Pixel Density (pixels/m²)	65,536	
Transparency Rate	> 80%	
Module Size (mm)	1,000×2,000 / 2,000×2,000	750×1,208 / 1,000×1,508
Product Size (mm)	1,000×2,200×55 / 2,000×2,200×55	765×1,350×96 / 1,065×1,650×96
LED Type	2121	
Weight (kg)	15.92 / 31.84	12 / 18
Module Resolution (W×H)	256×512 / 512×512	192×300 / 256×376
Control System	Synchronous / Asynchronous	
Brightness (cd/m²)	≥3,500 (white balance); auto/manual brightness adjustment	
Viewing Angle (H/V)	160°/140°	
Display Thickness (mm)	1.8	3.6
Resumable Transmission	Yes	
Working Time	24/7 operation; lifespan ≥100,000 hours	
Grayscale (bit)	16	
Color Temperature (K)	5,500–15,000 (adjustable)	
Drive Mode	Static	
Attenuation Rate	Less than 0.05% within 2 years	
Peak Power Consumption (W/m²)	1,600	1,335
Average Power Consumption (W/m²)	640	534
Input Voltage	110V–220V ±10%, AC 50Hz, three-phase five-wire	
Operating Environment	-20 °C ~ 50 °C, 20% ~ 85% RH	
Storage Environment	-20 °C ~ 60 °C, 10% ~ 85% RH	

* The specifications are for reference only. Actual parameters may vary depending on the specific model or contractual agreement.

STH-F Series ▼

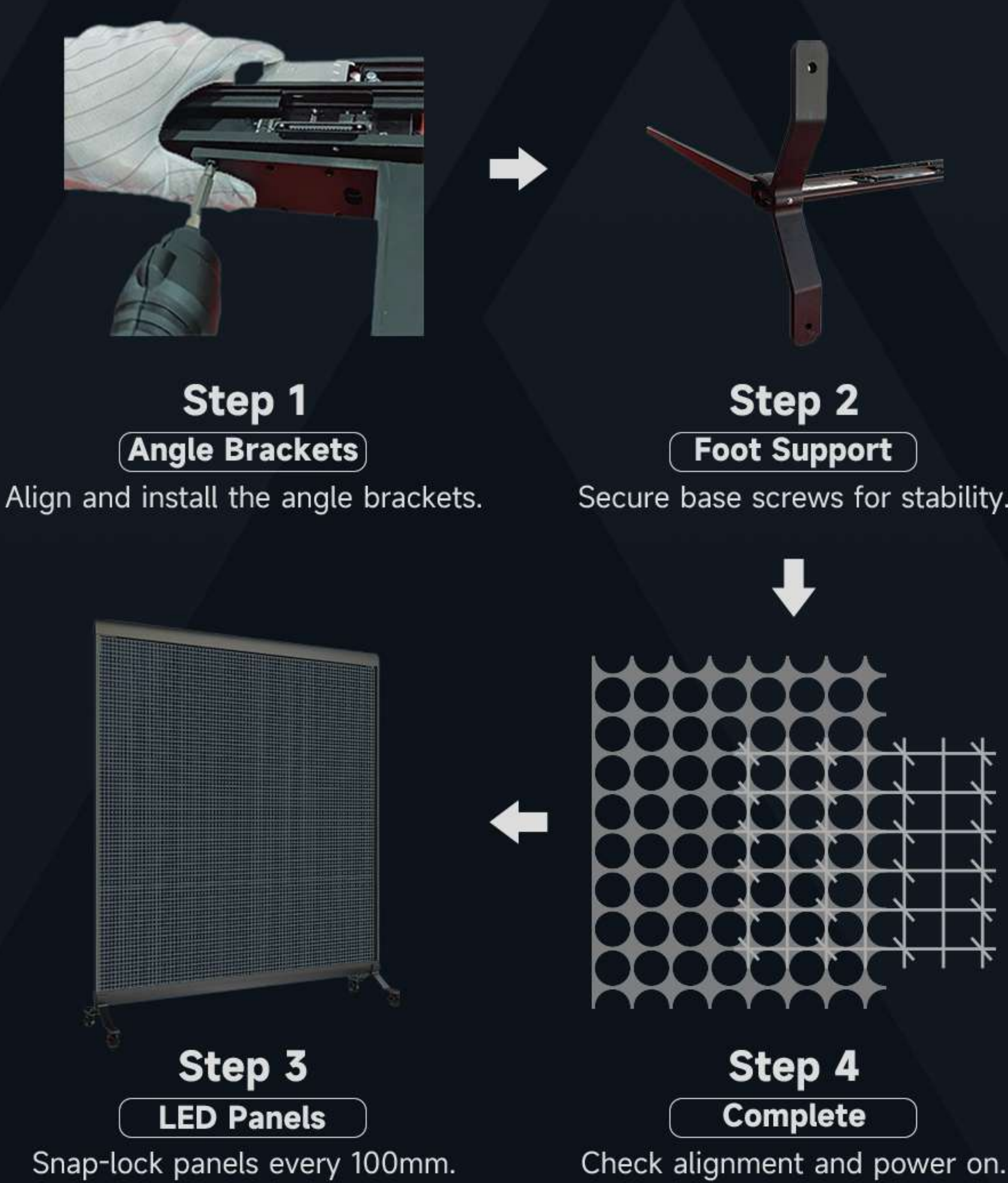
Portable & Mobile

Equipped with universal wheels, the STH-F Series is easy to move. Available in two sizes:
1×2m (STH-F1) and 2×2m (STH-F2) for flexible use.



Easy Installation

The STH-F Series features a user-friendly design, allowing quick and hassle-free setup without the need for professional tools or complicated procedures.



Parameters

Items	STH-F1	STH-F2
Pixel Pitch (mm)	3.91	
LED Driving Method	Integrated LED and driver	
Pixel Density (pixels/m ²)	65,536	
Transparency Rate	> 80%	
Module Size (mm)	1,000×2,000	2,000×2,000
Product Size (mm)	2,000×2,400×500	1,000×2,400×500
LED Type	2121	
Weight (kg)	25.92	41.84
Module Resolution (W×H)	256×512	512×512
Control System	Synchronous / Asynchronous	
Brightness (cd/m ²)	≥3,500 (white balance); auto/manual brightness adjustment	
Viewing Angle (H/V)	160°/140°	
Display Thickness (mm)	1.8	
Resumable Transmission	Yes	
Working Time	24/7 operation; lifespan ≥100,000 hours	
Grayscale (bit)	16	
Color Temperature (K)	5,500–15,000 (adjustable)	
Drive Mode	Static	
Attenuation Rate	Less than 0.05% within 2 years	
Peak Power Consumption (W/m ²)	1,600	
Average Power Consumption (W/m ²)	640	
Input Voltage	110V–220V ±10%, AC 50Hz, three-phase five-wire	
Operating Environment	-20 °C ~ 50 °C, 20% ~ 85% RH	
Storage Environment	-20 °C ~ 60 °C, 10% ~ 85% RH	

* The specifications are only for reference. Actual parameters may vary depending on the specific model and configuration. Please refer to the actual agreement.

Holographic Module Sample ▾

Holographic module sample with stand, featuring an all-in-one LED + driver design, available in P3.91 and P6.25 for versatile demonstration use.



Applications ▼

The STH Series is widely applied in retail shop windows, shopping malls, exhibition centers, and showrooms. It is also commonly seen in cultural and tourism attractions, entertainment venues, airports, hotels, and automotive 4S stores, creating engaging and dynamic visual experiences across diverse commercial and public spaces.





Bring your ideas into reality

Shenzhen MileStrong Conventional Display Division

Building 4, Yinjin Technology Industrial Park,
Fengjing South Road, Hewan Community,
Matian Subdistrict, Guangming District, Shen-
zhen, Guangdong, China

Shenzhen MileStrong Transparent Display Division

3/F, Tianyou Building, Yuekang Road, Bao'an
District, Shenzhen, Guangdong, China

Shenzhen MileStrong XR/Immersive Display Division

3/F, Building 5, Xinlianhe Industrial Park, Bao'an
District, Shenzhen, Guangdong, China

Hunan MileStrong COB Display Division

No.533, Torch Road 4, Songshan Road Street,
Tianyuan District, Zhuzhou, Hunan, China

Shenzhen Milestrong Technology Co., Ltd.



Website



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