![MileStrong logo]

Transparent LED Display

STX Series

Pixel Pitch (mm) : 3.75 / 5 / 6 / 8 / 10 / 15 / 20 / 30

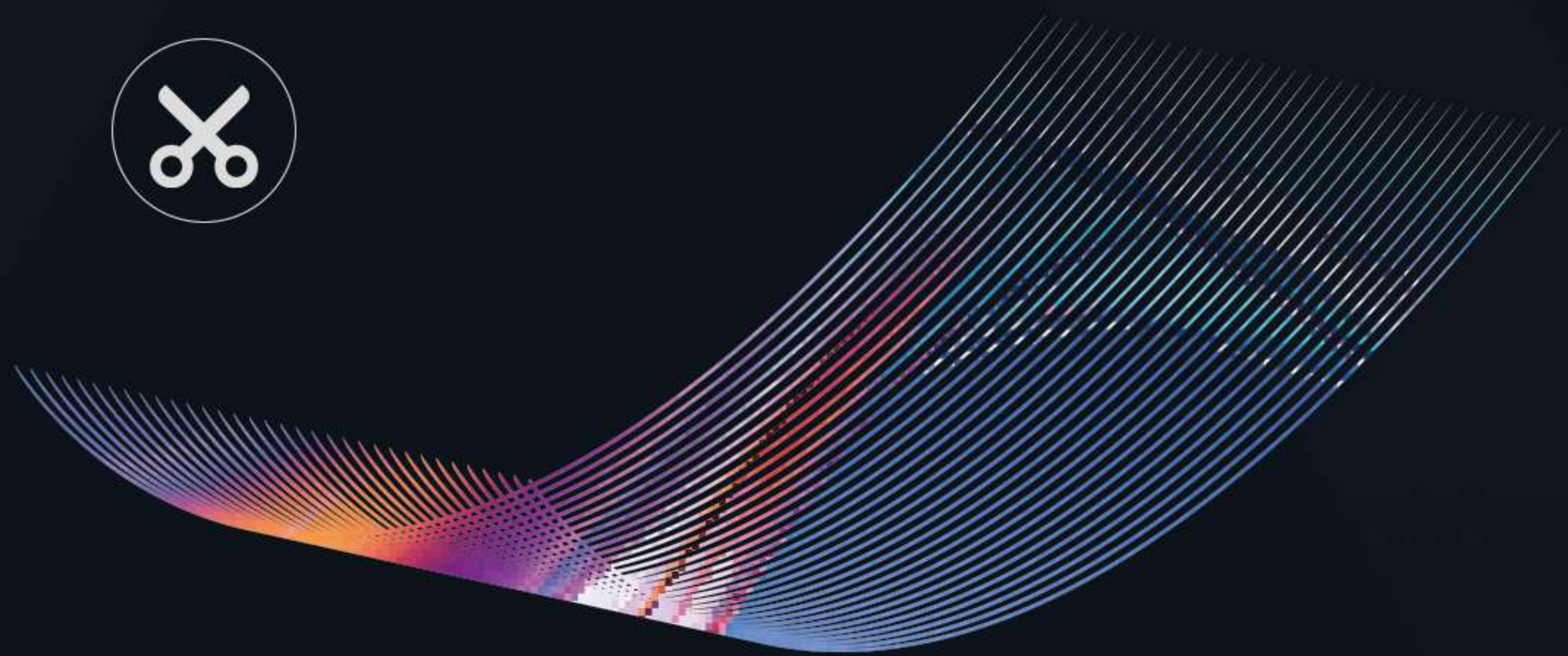**Module Size (mm) :** 540×240 / 720×240 / 960×240 / 1,000×240

Ultra-Slim & Lightweight

With an ultra-slim profile of just 2mm, the STX Series sets a new standard for lightweight LED displays. Available in pixel pitches of 3.75, 5, 6, 8, 10, 15, 20, 30mm, and module sizes of 540×240, 720×240, 960×240, and 1,000×240mm, it delivers high performance while maintaining an elegant, minimalist look.

Thickness: 2mm

Revolutionary LED Naked Crystal Chip Technology

The STX Series adopts advanced LED Naked Crystal Chip implantation technology. Using a transparent crystal film etched with a mesh circuit, components are mounted on a high-transparency flexible substrate. A vacuum sealing process integrates the components into an optical lens-like panel, achieving exceptional clarity, brightness, and transparency with a sleek, modern design.

Flexible & Customizable

Unlike traditional LED displays, the STX Series features a soft, bendable structure that adapts seamlessly to complex surfaces such as curves and arcs. It can also be cut to size, allowing for limitless creative possibilities in installation.

High Transparency with Vivid Performance

With a transparency rate of 75%–93%, the STX Series delivers crystal-clear visuals without obstructing the view behind. Its 3,840Hz refresh rate, 16-bit grayscale, and 4,000:1 contrast ratio ensure vibrant, smooth, and detailed image presentation.

75%–93%
Transparency

3,840Hz
High Refresh Rate

4,000:1
High Contrast Ratio
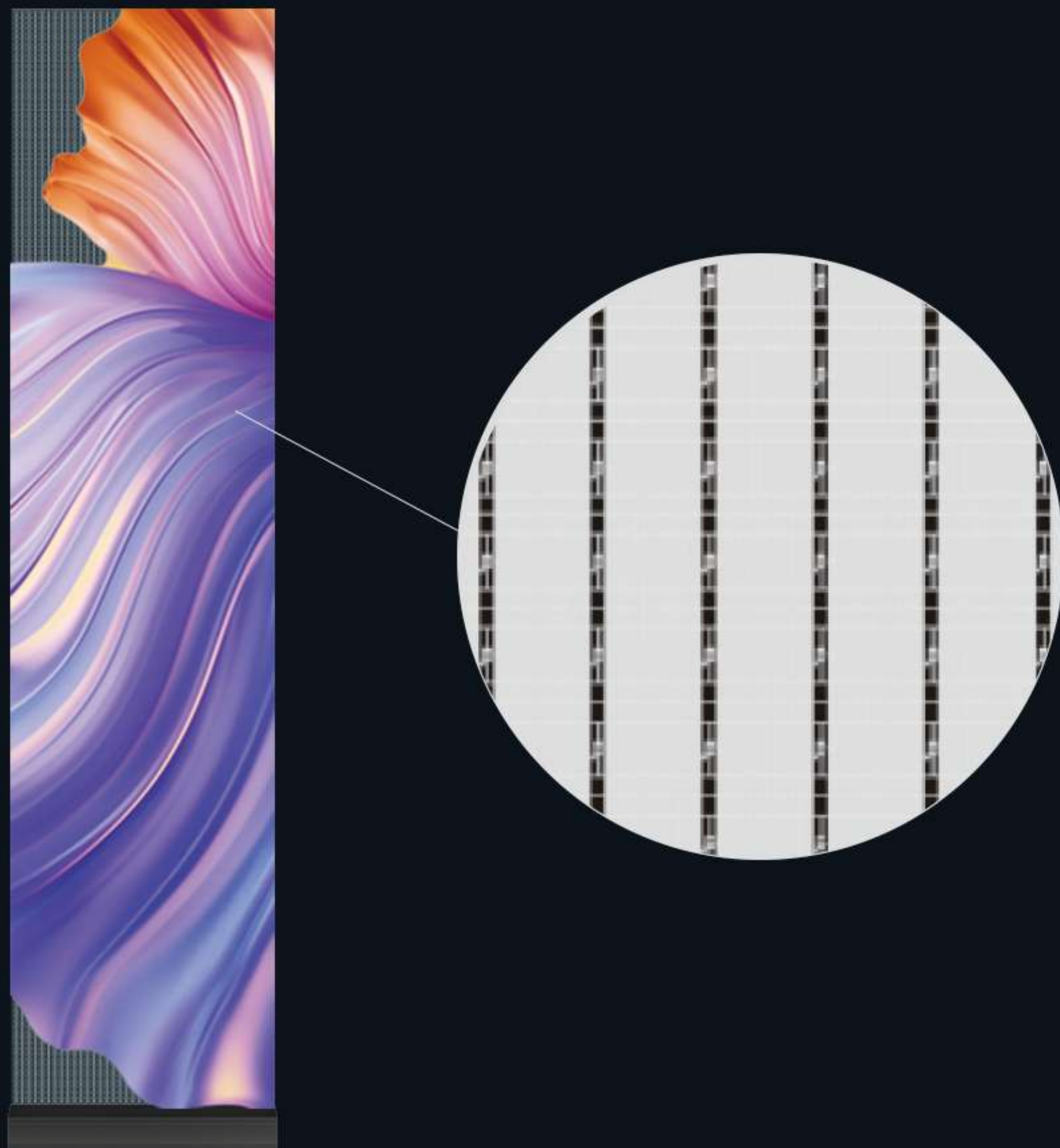
16bit
High Grayscale

Brilliant Indoor Brightness

Standard brightness ranges from 1,500 to 2,000 nits, while custom configurations can achieve up to 3,500–4,000 nits, ensuring brilliant performance even in well-lit indoor environments.

Outward Display

3,500–4,000 nits

Inward Display

1,500-2,000 nits

Glass Facade | STX Series

Cool Operation & Energy Efficiency

Thanks to flip-chip COB technology, the STX Series achieves efficient heat dissipation, stable light output, and extended service life. With average power consumption controlled at just 50–80W/m², it reduces energy usage by up to 70%, maintaining both performance and sustainability.

Efficient heat dissipation
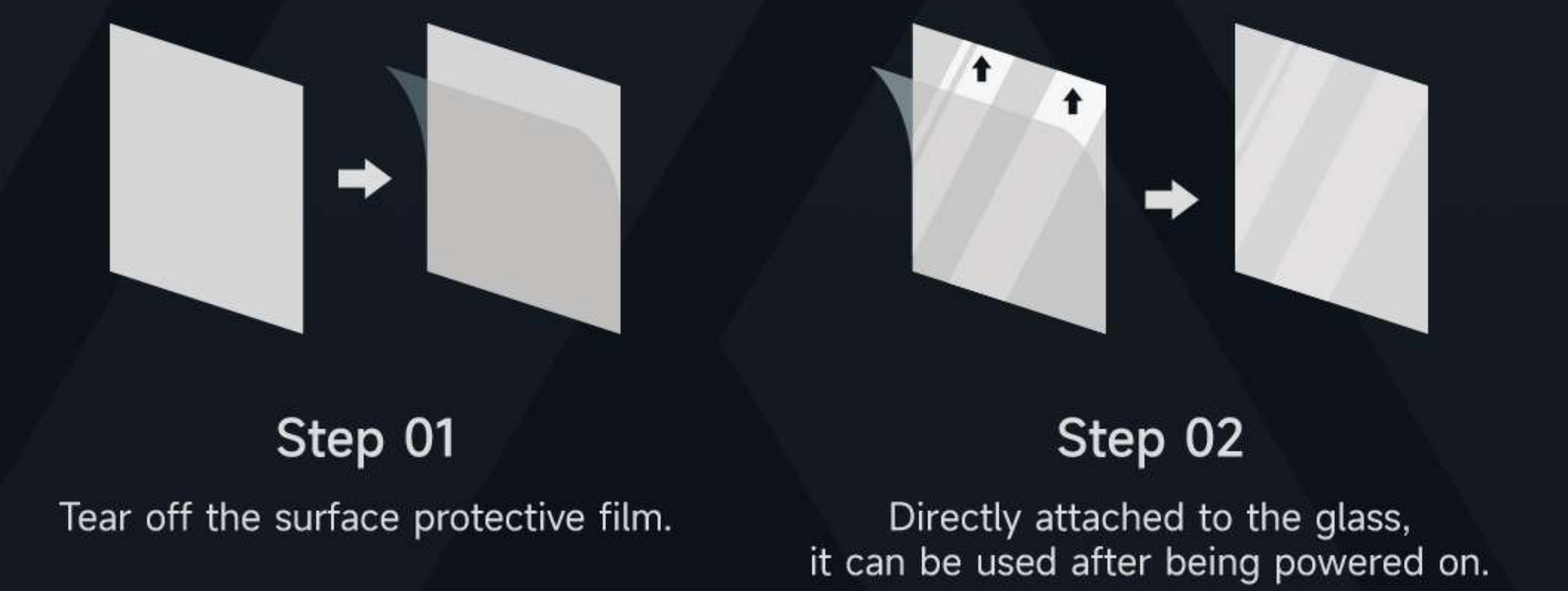
70%

Up to 70% energy savings

Seamless Module Splicing

The unique module splicing method supports vertical stacking and unlimited horizontal extension, enabling flexible screen configurations from small-scale displays to expansive video walls.

Match up
and down

Unlimited expansion
on both sides

Easy Glass-Mount Installation

Installation is quick and effortless — simply peel off the protective film and attach the module directly to a glass surface. Power it on, and it's ready to display, eliminating the need for complex steel frameworks.

Step 01

Tear off the surface protective film.

Step 02

Directly attached to the glass,
it can be used after being powered on.

Applicaiton Scenarios

Ideal for retail windows, commercial facades, exhibition halls, creative installations, cultural and tourism venues, and shopping centers, the STX Series offers limitless potential for captivating visual experiences.

Parameters

Items	STX375	STX5	STX6	STX8	STX10	STX15	STX20	STX30
Pixel Pitch (mm)	3.75	5	6	8	10	15	20	30
Module Resolution (W×H)	144×64	144×48	160×40	123×30	100×24	64×16	50×12	32×8
Module Size (mm)	540×240×2	720×240×2	1,000×240×2	1,000×240×2	1,000×240×2	960×240×2	1,000×240×2	960×240×2
Module Weight (kg)	0.18	0.2	0.3	0.3	0.3	0.3	0.3	0.3
Pixel Density (pixels/m²)	71,111	40,000	26,560	15,375	10,000	4,444	2,500	1,111
Brightness (cd/m²)	1,500–2,000 / 3,500–4,000							
Viewing Angle (H/V)	140°/140°							
Flatness	≥98%							
Contrast Ratio	4,000:1							
Protection Level	IP43							
Grayscale (bit)	16bit							
Refresh Rate (Hz)	3,840							
Frame Rate (Hz)	60 fps (120 fps with High Refresh for 3D)							
Color Temperature (K)	2,000–9,500							
Software Interface	Windows							
Input Voltage	AC110V–AC240V, 50–60Hz							
Peak Power Consumption (W/m²)	160	190	180	180	160	160	160	160
Average Power Consumption (W/m²)	50–60	50–70	50–60	50–60	40–50	40–50	40–50	40–50
Installation Method	Direct Glass Mount / Clamped Inside Tempered Glass / Inner Arc Installation							
Working Time	24/7 operation; lifespan ≥100,000 hours							
Screen Temperature Rise (in Use)	≤3°C							
Operating Environment	-10 °C ~ 60 °C, 10% ~ 90% RH							

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

MileStrong

Bring your ideas into reality

Shenzhen MileStrong Conventional Display Division

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