

InVisia

DISPLAYS

See the Unseen Beyond the Screen

F L E X I B L E T R A N S P A R E N T L E D F I L M

AeroView Series

Invisible When Off. Brilliant When On.

90%

TRANSPARENCY

2.5mm

ULTRA-THIN

3.5 kg

PER SQM

100K+

HOURS LIFESPAN

C E • F C C • E T L • R O H S C E R T I F I E D

Redefining Architectural Glass with Light

The AeroView Series represents a breakthrough in transparent display technology. Engineered as an ultra-thin, flexible LED film, it seamlessly adheres to any glass surface — transforming ordinary windows and partitions into vibrant digital canvases without compromising natural light or architectural aesthetics.

Built with an innovative four-layer structure featuring a PET substrate and ultra-fine metal grid, AeroView delivers exceptional visual performance while remaining virtually invisible when powered off. Its flexible nature allows for installation on curved surfaces, opening up unprecedented creative possibilities for retail, corporate, and public spaces.

ULTRA-HIGH TRANSPARENCY

Up to 90% transparency ensures unobstructed views and natural lighting.

FEATHERWEIGHT DESIGN

At just 3.5 kg/m² and 2.5 mm thick, it adds zero structural load.

FLEXIBLE APPLICATION

Bendable design perfectly adapts to both flat and curved glass surfaces.

EFFORTLESS INSTALLATION

Simple peel-and-stick with water — no rigid frames required.



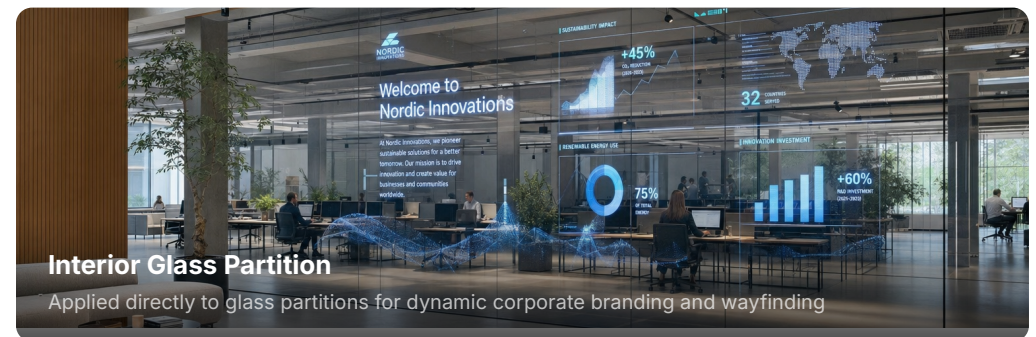
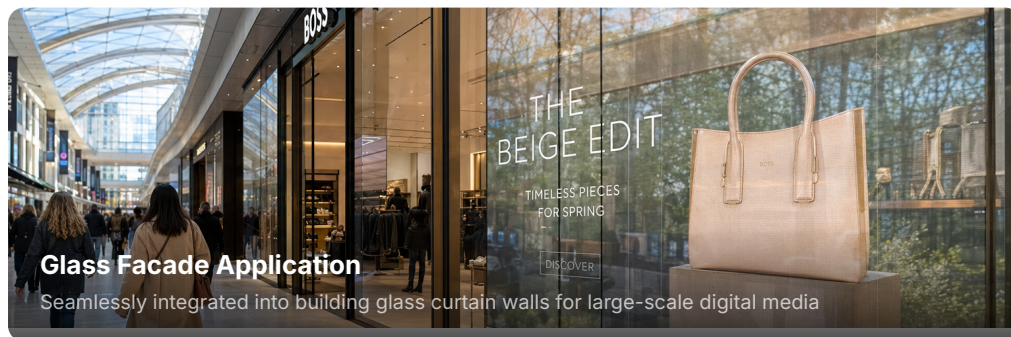
Versatile Solutions for Every Vision

Available in multiple pixel pitches to suit varying viewing distances and resolution requirements. Standard modules can be seamlessly tiled to cover any glass dimension.

HIGH RESOLUTION P4 / P4-8	
Pixel Pitch	4×4 / 4×8 mm
Pixel Density	Up to 62,500/m ²
Transparency	≥ 80%
Brightness	Up to 2,500 nits
LED Type	SMD1313 / SMD2121
Ideal For	Close-up, Luxury Retail

BALANCED PERFORMANCE P5 / P6	
Pixel Pitch	5×5 / 6×6 mm
Pixel Density	Up to 40,000/m ²
Transparency	≥ 85%
Brightness	Up to 3,800 nits
LED Type	SMD1313 / SMD2121
Ideal For	Malls, Corporate, Showrooms

MAXIMUM TRANSPARENCY P8 / P10	
Pixel Pitch	8×8 / 10×10 mm
Pixel Density	Up to 15,625/m ²
Transparency	≥ 90%
Brightness	Up to 6,000 nits
LED Type	SMD2121
Ideal For	Facades, Airports, Exteriors



Engineered for Seamless Integration

Advanced engineering meets elegant design in every AeroView display.



ADVANCED 4-LAYER STRUCTURE

Combines a durable PET substrate, ultra-fine metal grid for superior conductivity, precision LED chips, and high-performance adhesive for lasting reliability.



INVISIBLE CIRCUITRY

Microscopic metal grid technology eliminates visible wires, ensuring the display remains truly transparent and aesthetically pleasing even at close distances.



CUSTOMIZABLE DIMENSIONS

Standard modules seamlessly tile to fit any glass dimension, providing infinite scalability for massive architectural projects of any size.



SUPERIOR HEAT DISSIPATION

Innovative material composition naturally dissipates heat without bulky cooling systems, ensuring stable performance and a 100,000-hour lifespan.



INTEGRATED CONTROL SYSTEM

Static scan mode with integrated drivers delivers a smooth 3840Hz refresh rate and 16-bit grayscale for flawless, flicker-free video playback.



DAMAGE-FREE REMOVAL

Specialized adhesive ensures a secure bond during use but allows for clean removal without leaving residue or damaging the underlying glass surface.

Installation in 4 Simple Steps

1

Clean & Spray

Clean the glass surface and spray pure water evenly

2

Apply Film

Position and apply the AeroView film screen to the glass

3

Squeegee

Use a squeegee to remove excess water and air bubbles

4

Connect

Connect power and data cables to complete the setup

Full Specifications

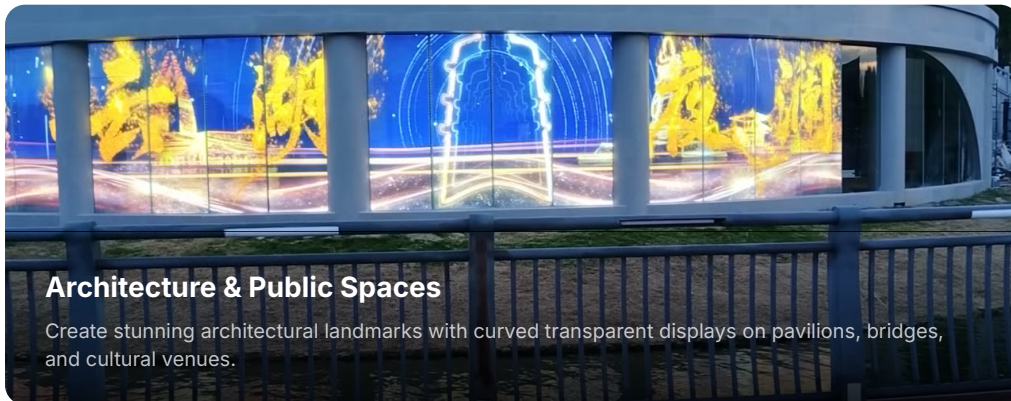
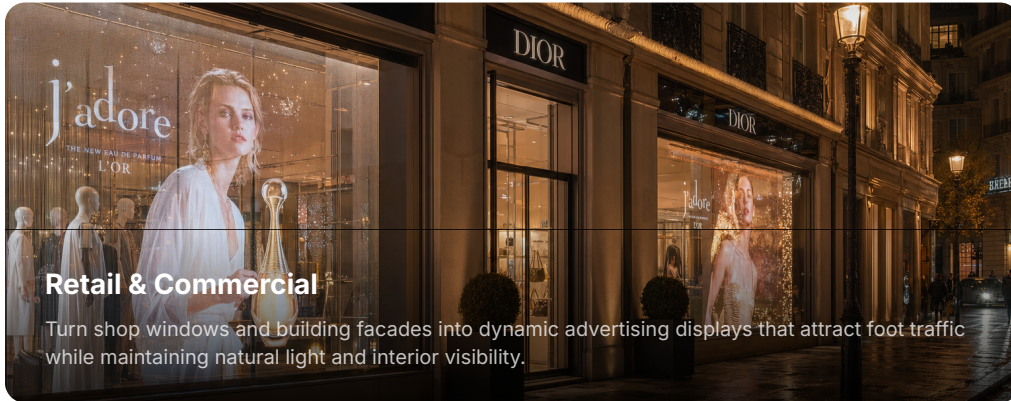
AeroView Series — Flexible Transparent LED Film Technology

Parameter	P4	P4-8	P5	P6	P8	P10
DISPLAY PERFORMANCE						
Pixel Pitch	4 × 4 mm	4 × 8 mm	5 × 5 mm	6 × 6 mm	8 × 8 mm	10 × 10 mm
Pixel Density	62,500/m ²	31,250/m ²	40,000/m ²	27,556/m ²	15,625/m ²	10,000/m ²
LED Type	SMD1313	SMD2121	SMD1313	SMD2121	SMD2121	SMD2121
Pixel Configuration	1R1G1B					
Visual Transparency	≥ 80%	≥ 80%	≥ 85%	≥ 85%	≥ 85%	≥ 90%
Brightness (White Balance)	≤ 2,000 cd/m ²	≤ 2,500 cd/m ²	≤ 2,000 cd/m ²	≤ 3,800 cd/m ²	≤ 4,000 cd/m ²	≤ 6,000 cd/m ²
Refresh Rate	≥ 3,840 Hz					
Gray Scale	16 Bit					
Frame Rate	≥ 60 Hz					
Viewing Angle	H 140° / V 140°					
Color Temperature	3,200 K – 8,500 K (adjustable)					
PHYSICAL DIMENSIONS						
Module Sizes	W1000 × H240 mm / W1200 × H240 mm / W1500 × H240 mm (custom available)					
Display Thickness	2.5 mm					
Weight (Film Only)	3.5 kg/m ²					
Weight (with Power Box)	≤ 7 kg/m ²					
ELECTRICAL & ENVIRONMENTAL						
Peak Power Consumption	800 W/m ²					
Average Power Consumption	~240 W/m ² (content dependent)					
Power Supply	AC 220V ±10%, 50–60 Hz (optional: 110V / 9–36V DC)					
Operating Temperature	0°C to +50°C					
Protection Rating	IP30					
Average Lifespan	≥ 100,000 hours					

Parameter	P4	P4-8	P5	P6	P8	P10
CONTROL & CONNECTIVITY						
Scan Mode				Static (Integrated Driver)		
Input Interfaces				DVI, VGA, Composite Video		
Control System				Synchronous (PC) / Asynchronous (WiFi App, USB)		
Installation Method				Front-mount Glass / Back-mount Glass / Acrylic		

Where AeroView Shines

Transform any glass surface into a captivating digital experience without blocking the view.



Structural Composition

The innovative four-layer design that makes AeroView possible — each layer engineered for performance, durability, and seamless integration.

1 PET Substrate

A durable, optically clear polyester film that serves as the structural backbone. Provides excellent dimensional stability, chemical resistance, and flexibility for curved installations.

2 Ultra-Fine Metal Grid

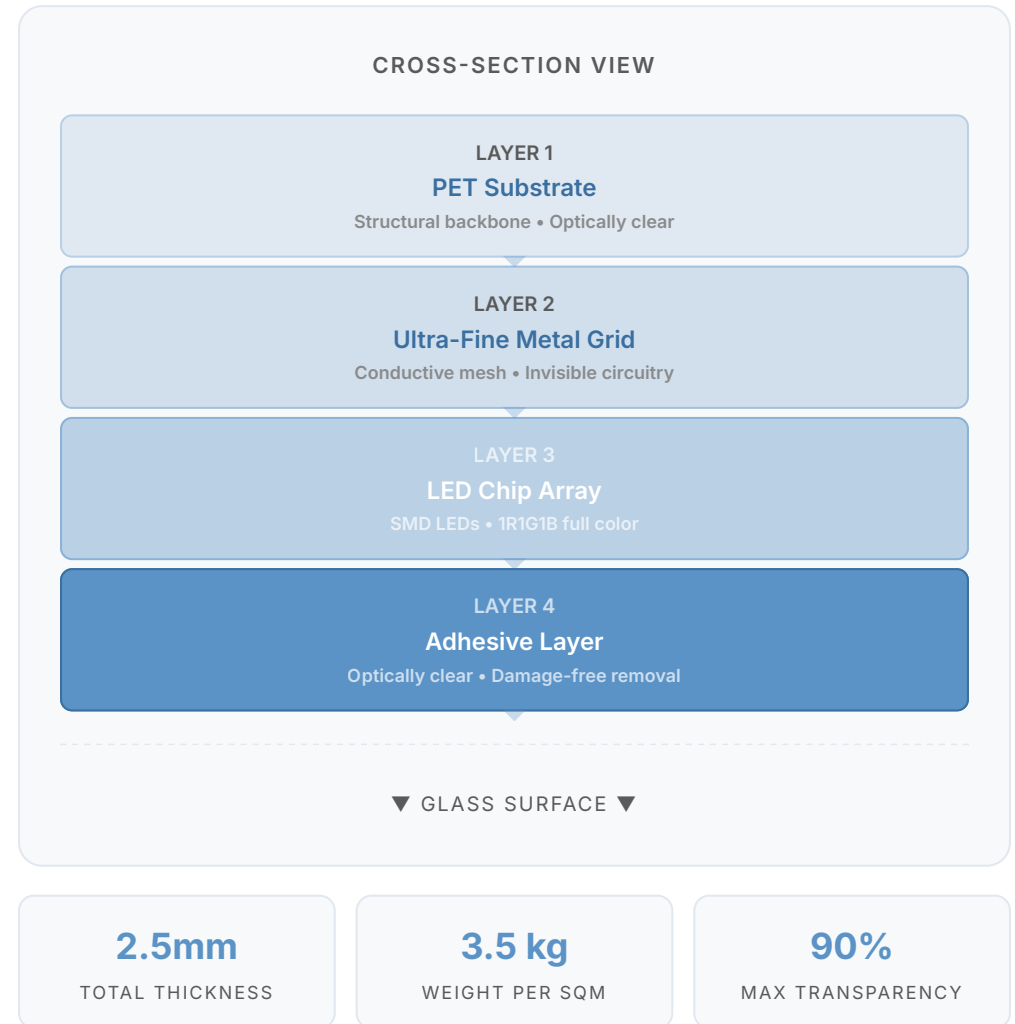
A microscopic conductive mesh that delivers power and data signals to each LED pixel. Virtually invisible to the naked eye, maintaining the display's exceptional transparency.

3 LED Chip Array

Precision-mounted SMD LED chips (1R1G1B configuration) deliver vibrant, full-color visuals with high brightness and wide viewing angles across the entire display surface.

4 Adhesive Layer

A high-performance, optically clear adhesive that bonds securely to glass surfaces. Enables damage-free removal and repositioning without leaving residue.





Ready to Transform Your Space?

Let us help you create extraordinary visual experiences with AeroView.

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