

# Holographic Transparent LED

Adhesive Transparent LED Film is a cutting edge technology that is revolutionising visual communication.



It can be applied to various surfaces due to its **thin** and clear film design, allowing for high-resolution images and videos to be displayed.



Its **transparency** makes it suitable for environments where natural light is important, such as storefronts and showrooms.



The film is **lightweight**, easy to install, and energy-efficient, making it ideal for a wide range of applications from advertising to interior design.



Adhesive Transparent LED Film offers a **cost-effective** and visually stunning solution for businesses and organisations seeking innovative communication methods and impressive displays.

## KEY FEATURES

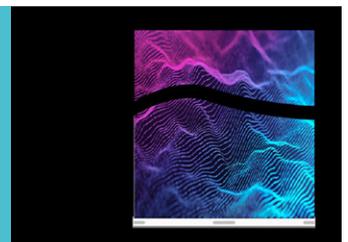
### TRANSPARENT

Without a visible frame and bars in the middle of the screen, it provides high visual transparency at 90% when glued onto a glass wall.



### FLEXIBLE

Standard modules can be bent, cut, and used flexibly. The best partner for curved glass and special-shaped screens.



### LIGHT

Professional aesthetic design, thin and beautiful. Display body products. The weight is only 6kg/square metre.



### THIN

Screen thickness is less than 2mm, which can be seamless surface mount. Mounted on transparent glass.



# HOLOGRAPHIC TRANSPARENT LED

## HOW DOES IT WORK?



Operates like conventional LED displays



Suitable for advertising, interactive displays, and interior design



Displays high-resolution images and videos



Prevents hot spots and glare



Can be used on curved surfaces



Transparency, flexibility, and energy efficient

## HOLOGRAPHIC TRANSPARENT LED APPLICATION

### APPLIED DIRECTLY TO GLASS

Ultra-clear and ultra-thin, high transparency and high temperature resistant high-end materials are used. The light board is perfectly design to easily achieve a permeability of up to 80%. The overall mounting without a structural skeleton and screen body can be spliced left and right, up and down, and can achieve a display height or width of 2.4-3 metres. Commercial window, glass curtain wall and other indoor and outdoor scenes.



### FLOOR STANDING

We also have another design for LED poster, which is movable and detachable. Display modules can be increased or decreased at any time according to the usage environment like exhibition booth, stage and other scenarios.



### CEILING MOUNT DISPLAY

Additionally, we have a hanging option available that is lightweight and effortless to install.

It is ideal for stage performances, door curtains, and other advertising scenes.



### MOBILE FLOOR STANDING DISPLAY

Dimensions of 1m x 1m and 1m x 2m or can be custom made to size.



### CURVED SCREEN

Minimum Radius for Curved Screens is 800mm.



# HOLOGRAPHIC TRANSPARENT LED

## SPECIFICATIONS: ADHESIVE FILM

ITEM	M2	M3	M6	M10
Pixel Pitch (mm) (horizontal / vertical)	P2.5 / P2.5	P3.91 / P3.91	P6.25 / P6.25	P10 / P10
Pixel Density (dot / m <sup>2</sup> )	160000	65536	25600	10000
Transparency Rate	70%	80%	90%	85%
Display Dimension (mm) (w*h)	125x1000 / 125x1175	250x1000 / 250x1171 / 250x1468	250x1000 / 250x1175 / 250x1475	260x1000 / 260x1200
Profile Dimension (mm) (w*h)	125x1000 / 125x1200	250x1025 / 250x1200 / 250x1500	250x1025 / 250x1200 / 250x1500	260x1000 / 260x1200
Resolution (dot) (w*h)	50x400 / 50x470	64x256 / 64x300 / 64x376	40x160 / 40x188 / 40x236	26x100 / 26x120
Weight (kg / set)	1.63	1.6	1.6	1.2
Brightness(cd / m <sup>2</sup> )	≥1200	≥2000	≥5000	≥4000
Scanning Mode	Static Driving (Single Pixel Single Control)			
Encapsulation Type	Light Board & Driving Board Integrated			
Lifespan	≥ 100,000.00 hours			
Pixel Configuration	16bit			
Maximum Power Consumption (w / m <sup>2</sup> )	800	1000	1000	1000
Average Power Consumption (w / m <sup>2</sup> )	350	375	375	375
Control System	Colorlight / Novastar			
Input Voltage	AC100-240V 50 / 60Hz			
Working Voltage for Module	DC4.2V ±0.2V			
Working Temperature	Temperature -20°C ~50°C			
Working Humidity	Humidity 20%RH ~ 85%RH (Without Condensation)			
Storage Temperature	Temperature -20°C~60°C			
Storage Humidity	Humidity 10%RH ~ 85%RH (Without Condensation)			
Protection Degree	IP20			
Frame Material	/			
Installation Environment	Indoor			
Packing Way	Pearl Cotton+Wooden Case / Airbox			

Statement: The relevant parameters in the table are subject to real-time update, and the data is for reference only. Upgrade will be made without further notice.

# HOLOGRAPHIC TRANSPARENT LED

## SPECIFICATIONS: POSTAR

ITEM	A3-2	A3-4
Pixel Pitch (mm) (horizontal / vertical)	3.91/3.91	3.91/3.91
Pixel Density (dot/m <sup>2</sup> )	65536	65536
Transparency Rate	80%	80%
Display Dimension (mm) (w*h)	1000*2000	2000*2000
Profile Dimension (mm) (w*h)	1021x2452x500 / 1021x2230x75	2021x2452x500 / 2021x2230x75
Resolution (dot) (w*h)	256x512	512x512
Weight (kg/set)	40	60
Brightness(cd/m <sup>2</sup> )	≥3000	
Scanning Mode	Static Driving (Single pixel single control)	
Encapsulation Type	Light Board & Driving Board Integrated	
Lifespan	≥ 100,000.00 hours	
Pixel Configuration	16bit	
Maximum Power Consumption (w/m <sup>2</sup> )	1000	1000
Average Power Consumption (w/m <sup>2</sup> )	375	
Control System	Colorlight / Novastar	
Input Voltage	AC100-240V 50/60Hz	
Working Voltage for Module	DC4.2V ±0.2V	
Working Temperature	Temperature -20°C ~50°C	
Working Humidity	Humidity 20%RH ~ 85%RH (Without Condensation)	
Storage Temperature	Temperature -20°C~60°C	
Storage Humidity	Humidity 10%RH ~ 85%RH (Without Condensation)	
Protection Degree	IP20	
Frame Material	Aviation Aluminum Alloy	
Installation Environment	Indoor	
Packing Way	Pearl Cotton+Wooden case/Airbox	

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# HOLOGRAPHIC TRANSPARENT LED

## SPECIFICATIONS: HANGING

ITEM	P3-55	P3-70
Pixel Pitch (mm) (horizontal / vertical)	3.91/3.91	3.91/3.91
Pixel Density (dot/m <sup>2</sup> )	65536	65536
Transparency Rate	80%	80%
Display Dimension (mm) (w*h)	750x1200	1000x1500
Profile Dimension (mm) (w*h)	766x1324x87	1016x1620x87
Resolution (dot) (w*h)	192x300	256x376
Brightness(cd/m <sup>2</sup> )	≥3000	≥2000
Weight (kg/set)	11(without glass) / 25(with glass)	14(without glass) / 35(with glass)
Scanning Mode	Static Driving (Single Pixel Single Control)	
Encapsulation Type	Light Board & Driving Board Integrated	
Lifespan	≥ 100,000.00 hours	
Pixel Configuration	16bit	
Maximum Power Consumption (w/m <sup>2</sup> )	1000	1000
Average Power Consumption (w/m <sup>2</sup> )	375	375
Control System	Colorlight / Novastar	
Input Voltage	AC100~240V 50/60Hz	
Working Voltage for Module	DC4.2V ± 0.2V	
Working Temperature	Temperature -20°C ~50°C	
Working Humidity	Humidity 20%RH ~ 85%RH (Without Condensation)	
Storage Temperature	Temperature - 20°C ~ 60°C	
Storage Humidity	Humidity 10%RH ~ 85%RH (Without Condensation)	
Protection Degree	IP20	
Frame Material	Aviation Aluminum Alloy	
Installation Environment	Indoor	
Packing Way	Pearl Cotton+Carton/Flight Case	

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## FAQ

### 1. Can the Transparent LED Film be installed on the backside of the glass or acrylic?

Yes, you can. The Transparent LED Film can be adhered to the front of the glass/acrylic or backside of the glass or acrylic.

### 2. Can this product be used outdoors?

The Transparent LED Film is not weather rated for outdoor use. It does however feature High Brightness (4000-5000 nits) and can be viewed under direct sunlight when installed behind a window/glazing.

### 3. What type of adhesive does the film use and can the element/panel be removed easily from the glass after use?

It's a transparent and patented adhesive. The LED module can be removed easily however it is primarily for fixed installations and it is not recommended to remove and re-install the LED modules repeatedly. The maintenance is easier than traditional LED screens and you can use a soldering iron to change the defective LED pixels or send these back to the factory for professional repair.

### 4. How does the Transparent LED Film perform in an extreme heat or cold environment?

The Transparent LED Film has been tested in conditions of +50°C and -20°C without issue or failure.

### 5. Have you tested the Transparent LED Film and LED pixels you use in a high UV-radiation environment and can it still work reliably for a long time?

Yes. The Transparent LED Film comes with a 2-year warranty and is rated for at least 100,000 working hours.

### 6. What is the maximum width and height of Transparent LED Film?

- The single led module size for our M3 (3.91mm pitch) is 250mm(W) x1000mm(H) or 250mm(W) x1200mm(H), the maximum screen height for our M3 is 2.4m.
- The single led module size for our M6 (6.25mm pitch) is 250mm(W) x1200mm(H) or 250mm(W) x1500mm(H), and the maximum screen height for our M6 is 3m;
- There is no limitation of the screen width for M3 or M6 model.
- If the screen height exceeds 2.4m/3m in height, there will be control box bar which will need to be installed at the intersection every 2.4m/3m in height.
- This control box bar can also be installed vertically and the maximum width before each additional vertical control box would therefore be 2.4m/3m.