

# Transparent Glass LED



- Stunning Display
- Full Colour LED
- Amazing Graphics
- Eye Catching
- Easy Installation
- Ultra Transparent
- Energy Saving
- Very Thin
- Extremely Light
- Easy Maintenance



# Transparent Glass LED Screens

## Stunning Design Concept



Create stunning visual panels of LEDs running amazing video images without creating a solid screen. These transparent LED screen are both innovative and clever.



It's uses are limitless. It is a simple modular system with easy installation and maintenance giving you a stunning effect.

# Transparent Glass LED Screens

## Ultra Transparent



More than 75% transparent, the display is invisible viewing from 5 meters away. It makes amazing image effect, and by this transparent LED display the artist and designer can realize their creative ideas.

The module size is maximum 1000mm x 500mm. By so wide modules, there will be few vertical bars when make up a display with meters width.

# Transparent Glass LED Screens

## Easy Installation

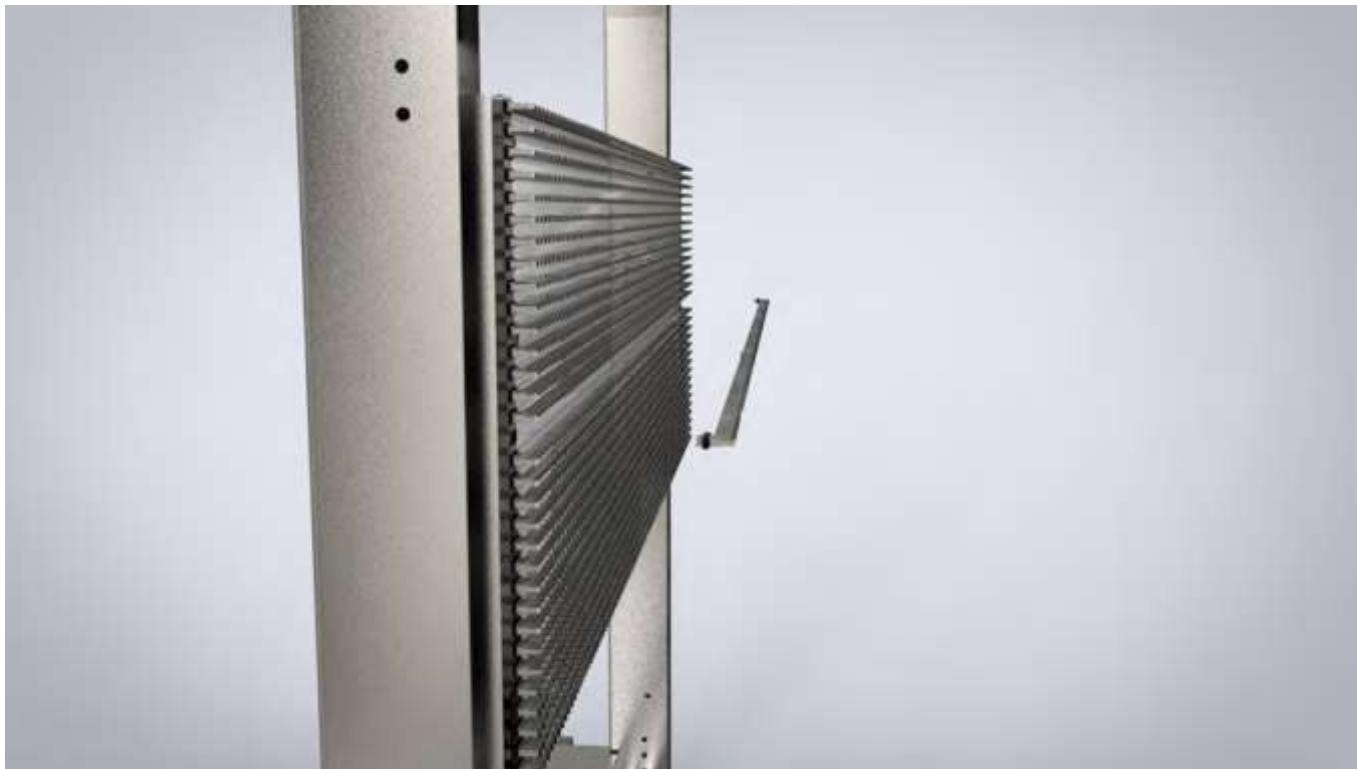


No screws required during the installation as all the connections can be done by hand.

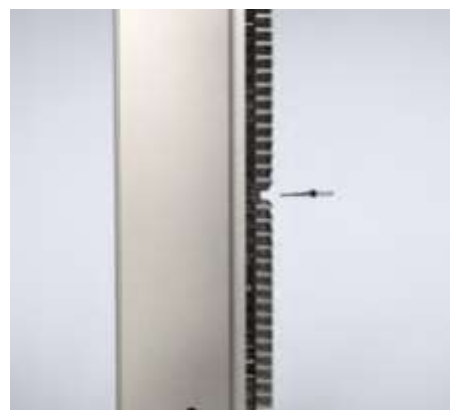


# Transparent Glass LED Screens

## Easy Maintenance



Any single LED strip could be replaced very quickly, hence any problems with the LED strip could be solved within one minute



# Transparent Glass LED Screens

## One size screen for different pitch

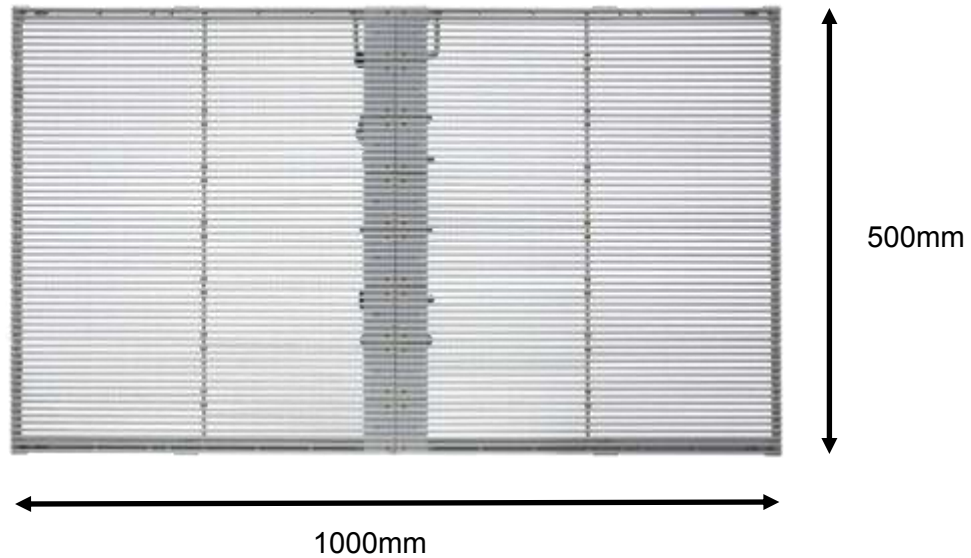


| Model    | Pixel Pitch     | Module Size    | Resolution |
|----------|-----------------|----------------|------------|
| Glass 3  | 3.9mm x 7.88mm  | 1000mm x 500mm | 256 x 64   |
| Glass 5  | 5.2mm x 10.4mm  | 1000mm x 500mm | 192 x 48   |
| Glass 8  | 7.8mm x 7.8mm   | 1000mm x 500mm | 128 x 64   |
| Glass 10 | 10.4mm x 10.4mm | 1000mm x 500mm | 96 x 48    |

For the Glass 3, Glass 5, Glass 8 and Glass 10, the module dimension is the same, the same size screen you can have it in four different pitch sizes.

# Transparent Glass LED Screens

## Flexible Size



The module widths are 1000mm.



# Transparent Glass LED Screens

## Other Features

### Remote DC-DC power supply (optional)

The power supply could be placed 30m away which makes the appearance of the installation simple and tidy



### Perfect Alignment

The precise aluminium profile ensures perfect alignment between modules.



### Outstanding Appearance

The transparent modules and simple structure design makes the appearance sleek and attractive.



### Compact

The light and thin design makes the equipment very compact. Which in turn saves cost in transportation and is space saving.





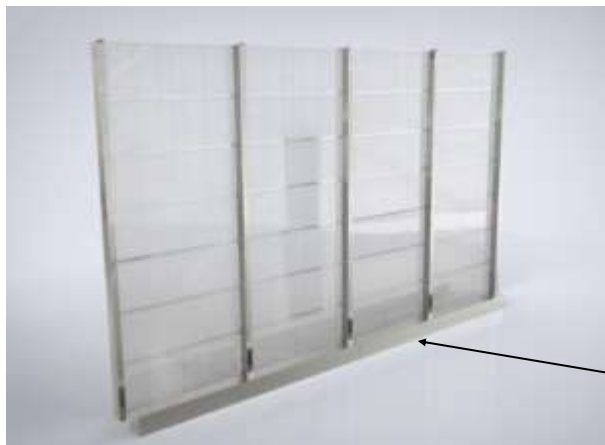
# Transparent Glass LED Screens

## Power Solutions



### Option A

Aluminum power box  
Input: AC100V~AC240V.  
Output: DC5V.  
Max. distance of DC cable: 3m



### Option B

Noise free small power box  
Input: AC100V~AC240V.  
Output: DC5V.  
Max. distance of DC cable: 3m



### Option C

DC~DC power supply integrated inside the vertical bars.  
Input: DC48V  
Output: DC5V.  
Max. distance of DC cable: 3m

Connect to AC~DC power supply max 30m away.

# Transparent Glass LED Screens

## Installation



### Installation A

Use an aluminum base to make the display freestanding.



### Installation B

Use hangers to ceiling fix.



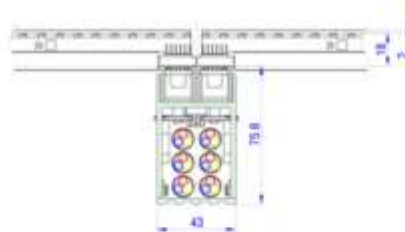
# Transparent Glass LED Screens

## Specification

| Model                            | Glass 3         | Glass 5         | Glass 8         | Glass 10        |
|----------------------------------|-----------------|-----------------|-----------------|-----------------|
| Pixel pitch (mm)                 | 3.9 x 7.8       | 5.2 x 10.4      | 7.8 x 7.8       | 10.4 x 10.4     |
| Brightness                       | A:2000 / B:6500 | A:2000 / B:6500 | A:2000 / B:6500 | A:2000 / B:6500 |
| Transparency                     | 70%             | 80%             | 70%             | 80%             |
| Module size (mm)                 | 1000 x 500      | 1000 x 500      | 1000 x 500      | 1000 x 500      |
| Module resolution                | 256 x 64        | 192 x 48        | 128x 64         | 96 x 48         |
| Resolution (dot/m <sup>2</sup> ) | 32768           | 18432           | 16384           | 9216            |
| Max. Power (W/m <sup>2</sup> )   | 400             | 400             | 400             | 400             |
| Avg. Power (W/m <sup>2</sup> )   | 160             | 160             | 160             | 160             |
| Scan Duty                        | 1/3             | 1/3             | 1/4             | 1/3             |
| Ingress protection               | IP42            | IP42            | IP42            | IP42            |
| Refresh rate (Hz)                | 1000~1500       | 1000~1500       | 1000~1500       | 1000~1500       |
| Weight (kg/m <sup>2</sup> )      |                 |                 |                 |                 |
| MTBF (hours)                     | >10000          | >10000          | >10000          | >10000          |
| Working Temp.                    | -10 ~40 °C      | -10 ~40 °C      | -10 ~40 °C      | -10 ~40 °C      |

| Power Solutions | Descriptions   | Max. Distance from power to display | Application  | Price  |
|-----------------|--|-------------------------------------|--|--------|
| Option A        | Big Power box with PSUs (300W/PSU)                         | 3m                                  | Short distance for cabling and enough space for power box.               | Low    |
| Option B        | Small power box and noise-free PSUs (400W/PSU or 200W/PSU) | 3m                                  | Sort distance for cabling and sensitive to noise and space of power box. | Middle |
| Option C        | AC~DC and then DC~DC                                       | 30m                                 | High– end application demanding noise-free and best appearance.          | High   |

Diagram of connection between modules and vertical bar.



# Transparent Glass LED Screens

## Examples of Installations

NINE WEST





# Transparent Glass LED Screens

## Examples of Installations



# Transparent Glass LED Screens

## Examples of Installations

ZARA



# Transparent Glass LED Screens

## Examples of Installations

周生生  
(chow Sang Sang)

HONG KONG





# about us

As an established leader in the UK for electronic message display signs and with 40 years experience in the business of supplying programmable LED signs and LED displays, you can be sure that we'll give you the right advice and excellent service, these are the values that we hold dear.

We are a British company and we pride ourselves in our commitment to our customers, product performance and our quality of service. In the past 40 years or more we have installed in the region of nearly 20,000 LED screens and displays to a broad spectrum of clients. As a LED display LED screen manufacturer we are able to offer a complete bespoke solution from concept to commissioning offering you the most cost effective solution to your needs.

If you'd like to talk to us about how we can help you just call us. There's no obligation and we don't charge for quotations. We can work together to be sure that the LED sign solution we offer you is absolutely the correct solution for your requirements.

For demonstrations and to view our extensive range of LED displays please contact us to arrange a visit to our showroom at our base in Andover, Hampshire. Just call us on 01264 303030.

## accreditations

LED Synergy Electronic Displays have 40 years experience in the manufacture and supply of electronic displays to many companies and individuals worldwide. We have a wealth of experience and expertise and have been accredited with the following certifications:



ISO9001



WASTE  
ELECTRICAL and  
ELECTRONIC  
EQUIPMENT



RESTRICTION of  
HAZARDOUS  
SUBSTANCES



EUROPEAN  
COMFORMITY



UNDERWRITERS  
LABORATORIES



SAFE  
CONTRACTOR



**We are also an approved  
Highways England contractor**



- **Simple to operate products with bespoke software**
- **Value for money & satisfaction guaranteed**
- **Superb British manufactured products**
- **Excellent support & customer service**



We accept most major credit and debit cards

"This huge sign caused great excitement at the start of the new Millennium, with welcoming messages uploaded from around the world it brought the year 2000 in with a bang!". *Reuters*

"Thank you for all your help in the installation of the Help Desk Control system. The system has been up and running for over a year, and surpassed the trial findings. We were able to achieve a complete system payback within 6 months."

*Tony Lawrence (Technical Support Manager) - Lloyds TSB*

"The LED displays have proved invaluable in enabling us to direct large numbers of personnel quickly and efficiently throughout the building. Reliability is paramount in our facility and the led displays have performed faultlessly, I would not hesitate in recommending them."

*Lez Smith (Head of Security) Citigroup*

**LEDsynergy**

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