Glass Wall LED Screen

The LED screen turned off

The LED screen turned on

Glass Wall LED Screen is an innovation in architecture advertising and decoration. It is a breakthrough technology in the architecture media.
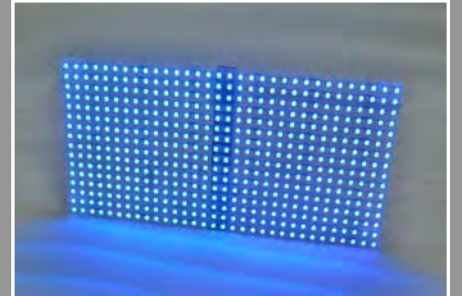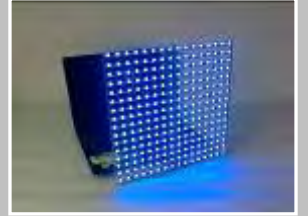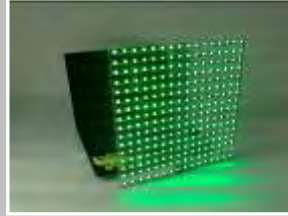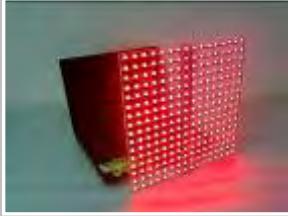
Features:

- **High Degree of Visibility**

  80% transparent see-through, so it is convenient for people inside and outside to look-through. The integrated LED lamps are very tiny and almost invisible from outside of the building. It makes no difference on the appearance of the building.

- **Compact design and light weight**

  8mm thickness of the LED panel has it almost suitable for any glass wall building. The weight is only 12Kg/sqm and minimizes the load to the glass wall.

- **Ease of Installation and Maintenance**

  No need to change any building structure. The modules can be stuck to the back of the glass wall by the special glue which presented by us. It needs only 10 second to install one module. Should any maintenance occurs, it only requires to do it at the indoor.

- **Saving money in decoration for the architecture**

  Since the LED glass wall makes the vivid decoration and advertising, it saves other lights to lighting up the building.

- **Wide application**

  The Glass Wall LED Screen can be applied wherever the glass wall existed such as commercial building, landmark architecture, art center, shopping mall, super market, chain stores, etc.
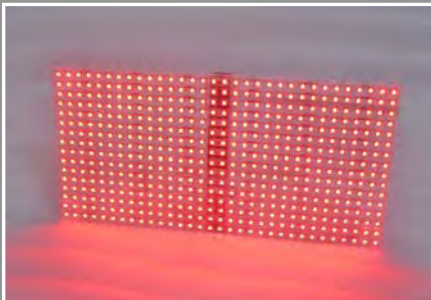
Patent Technology

Specification

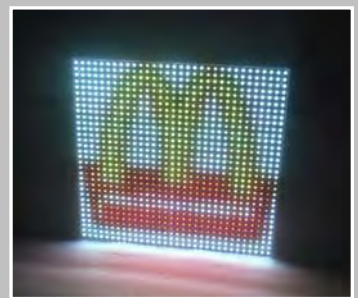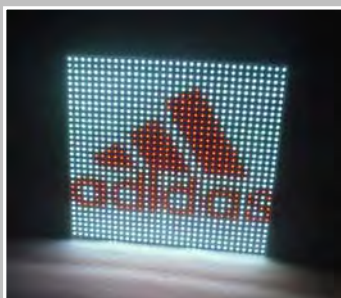| MODEL NAME	GS10	GS16	GS20
SCREEN			
Pixel pitch	10mm	16mm	20mm
LED lamp	SMD3528	SMD5050	SMD5050
Module size	320mm x 320mm	512mm x 256mm	320mm x 320mm
Module resolution	32 x 32	32 x 16	16 x 16
Brightness	Silan: 4500nit(CD/㎡) Cree: 4500 nit(CD/㎡)	Silan: 6500nit(CD/㎡) Cree: 6500 nit(CD/㎡)	Silan: 4500nit(CD/㎡) Cree: 5500 nit(CD/㎡)
See-through area	≥80%	≥60%	≥80%
Maximum power consumption	1200 W/㎡ (4500CD/㎡)	950 W/㎡ (6500CD/㎡)	680W/㎡ (5500CD/㎡)
Average power consumption	420 W/㎡ (4500CD/㎡)	330 W/㎡ (6500CD/㎡)	250W/㎡ (5500CD/㎡)
Viewing angle (50% brightness)	Horizontal:140°（+70°/-70°);Vertical:140°（+70°/-70°)		
Processing depth	16bit		
Video frame rate	60 frame/Sec.		
Display refresh rate	500-700 Hz		
Thickness	10mm		
Ingress protection	IP20		
CONTROL SYSTEM			
Data sending card	DBstar		
Data receiving card	DBstar		
Video input	VGA mapped / NTSC / PAL,JPG,BMP,AVI,WMV,RM etc.		
Video display function	Synchronous display kinds of text, graphics, pictures, signs, flashes, and any signal from TV, VCD, DVD, Camera, and scanner and so on, support PAL, NTSC.		
OTHERS			
Operating Temperature range	—10℃～+45℃		
Operating Humidity range	10%—95%RH		
Screen Weight	13--15kg/㎡		

P20 LED Module

P16 LED Module

P10 LED Module

The following pictures are of 1280mm x 1280mm, P20 pixel pitch, brightness: 1000nit. (indoor application)

receiving card

power supply

power box

concrete wall

glass wall

LED screen

Back cover

Glass wall

cabling through this space

back cover

screw fixing the cover