Alphal

MODULE
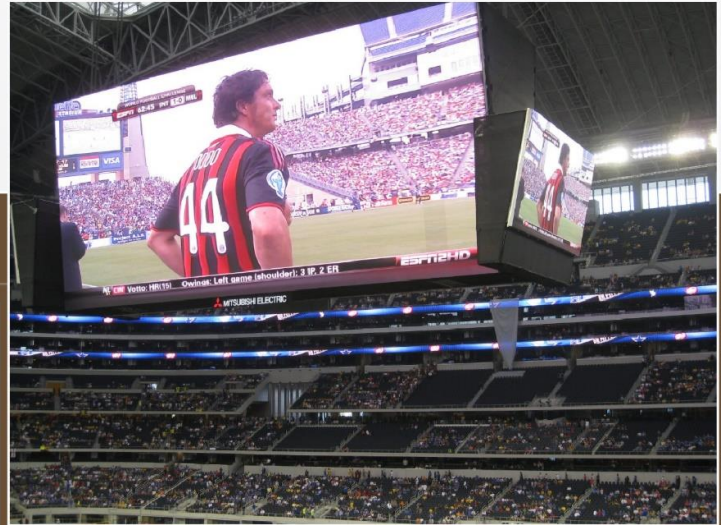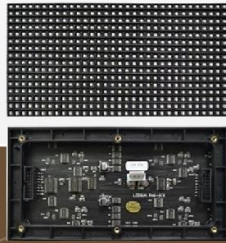## GOB LED & SMD LED

Innovative Visual Solutions for Every Space

Innovative LED Displays for Any SpaceDiscover our premium range of LED solutions—engineered for stunning clarity, durability, and energy efficiency. From sleek indoor panels to massive outdoor installations, rental displays, transparent screens, and flexible modules, we deliver cutting-edge performance for every application.

A huge screen can break the space limits on an open public event site and enables long-distance viewing. Alphalpro for LED display solutions are capable of helping customers create unforgettable public events with large audience with the ultimate visual experience.

Stable Operation

Professional system and real-time monitoring: Equipped with professional audio and video processing system to allow the access of different video signals, LED displays can play various content like videos, pictures in real-time, which helps the audience get better visual experience in multi-dimension. At the same time, it supports quick content switch and real time monitoring of the screen.

LED Display at SMJK Yuk Choy, Perak

Durable Fresh Color and High Brightness

Excellent image quality and broadcasting reliability: The leading Ultra Black technology can enhance the contrast ratio and reduce reflection. The professional high refresh rate, high gray scale even in low brightness can meet the requirements of live broadcast on different occasions, and avoid dark lines and image flickering incidents, ensuring the smooth running of the live event.
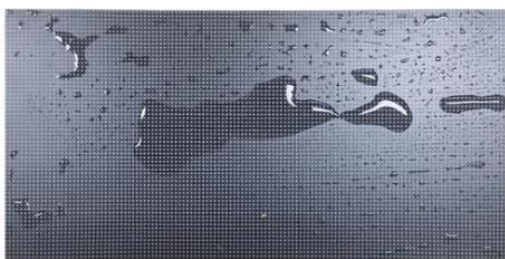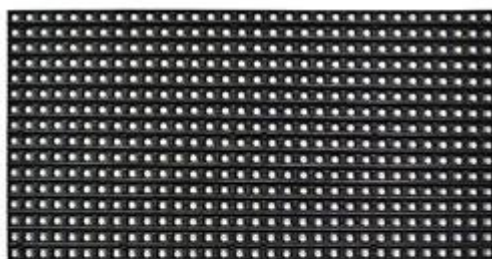

LED Display at Jakel Mall, Kuala Lumpur

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Application Range

From Multi purpose hall, shopping malls and lobbies, display screens in public areas face relentless challenges. Dust, humidity, and careless guests can all damage the precious LEDs that compose the pixels of large LED displays. This is where Glue-on-Board (GOB) LED technology comes in, offering remarkable durability and performance.

GOB technology involves applying a transparent glue layer over the LED modules, protecting them from moisture, dust, and impacts

Crafted for exceptional durability, this display features Glue-on-Board (GOB) surface treatment technology a protective process that seals the LED module surface with transparent epoxy glue, enhancing protection during installation and use.
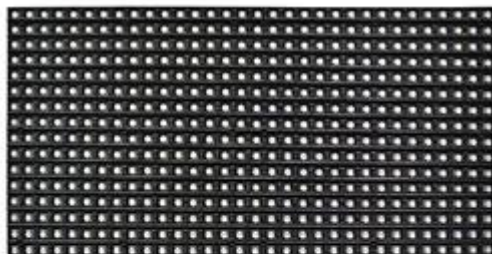
Specifications :

Model	P 1.8 GOB	P 2 GOB	P 2.5 GOB	P4 GOB
Pixel pitch	1.86mm	2mm	2.5mm	4mm
LED module size (W x H)	320mm x 160mm	320mm x 160mm	320mm x 160mm	320mm x 160mm
LED module resolution (W xH)	172 x 86 dot	160 x 80 dot	128 x 64 dot	80 x 40 dot
Module Type	GOB (Glue on Board)			
LED configuration	SMD 3 in 1			
Brightness (meter sq.)	800-1200			
Grey Scale	14-16			
Contrast Ratio	4000 : 1			
Color Temperature	3200-9300			
Refresh Rate	1,920 / 3,840 KHz			
Viewing Angle (H / V)	160 / 160 degree			
IP Rating	IP 30			
Control Way	Synchronous			
Lifetime (70% brightness)	100,000 hrs			
Maximum power consumption	620W / meter sq.			
Typical power consumption	275W / meter sq.			
Operation power voltage	100-240V / 50-60Hz			
Operation temperature	-30^{0}C to + 60^{0}C			
Working humidity range (RH)	10-90%			
Working environment	Indoor			

* depending on the configuration, the parameters vary slightly.
Note: for reference only, the actual product marking. Welcome to the consultation, the final interpretation of the power of Alphalpro

Application Range

Widely used in large venues, stadiums, banks, post and telecommunications, government agencies, terminal, docks, stations, securities market and other market transactions, medical systems, power, and the exhibition hall a need for publicity, advertising, information release guidance and other places.

Specifications :

Model	P 1.8	P 2	P 2.5	P 3	P 4
Pixel pitch	1.86mm	2mm	2.5mm	3.076mm	4mm
LED module size (W x H)	320mm x 160mm	320mm x 160mm	320mm x 160mm	320mm x 160mm	320mm x 160mm
LED module resolution (W xH)	172 x 86 dot	160 x 80 dot	128 x 64 dot	104 x 52 dot	80 x 40 dot
LED configuration	SMD 3 in 1				
Brightness (meter sq.)	800-1000				
Grey Scale	14-16				
Contrast Ratio	4000 : 1				
Color Temperature	3200-9300				
Refresh Rate	1,920 / 3,840 KHz				
Viewing Angle (H / V)	140 / 140 degree				
IP Rating	IP 30				
Control Way	Synchronous				
Lifetime (70% brightness)	100,000 hrs				
Maximum power consumption	620W / meter sq.				
Typical power consumption	275W / meter sq.				
Operation power voltage	100-240V / 50-60Hz				
Operation temperature	-30^0C to $+60^0$C				
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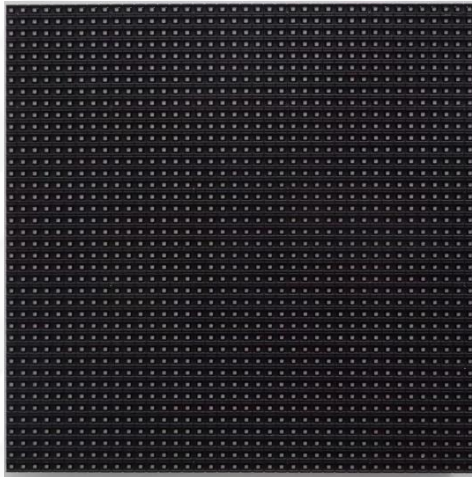Note: for reference only, the actual product marking. Welcome to the consultation, the final interpretation of the power of Alphalpro

LED Display

Within 0.1mm flatness on surface

SMD2121 high quality leds ensure uniformity on surface

72 hours test before package

Front Maintenance Design

Indoor led display support for front maintenance solution. You can easily take out all led modules and other parts by the tool.

And we developed indoor led modules with 45° angle which can well make 90, 120, 170, 270° led display.

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