

Mega Five Trading Company Limited

Wing's Series Super Energy Saving LED Panel



Wing's Series is made with the international golden ratio (16:9). It is perfect for showing videos, PowerPoint slides, and other content. Each LED Panel has a 27" diagonal in a 16:9 aspect ratio which allows most common formats in full without compression.



Super Flat Surface

The cabinet contains only 4 modules, it can largely reduce problem generated by the edge of different modules and create a super flat surface of the LED Wall.

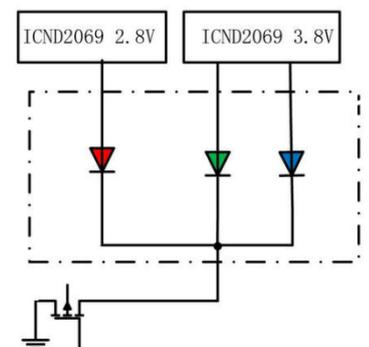
Superior color performance with less Energy consumption

Thanks to the new common cathode design, the Wing's series LED Panel general less heat with consequently only consume maximum 320W per sq. meter which is almost 30% less power consumption compared with traditional LED panel. On top of less power consumptions, Wing's series LED Panel generate 30% more colors and reach >80% of REC2020 standard.



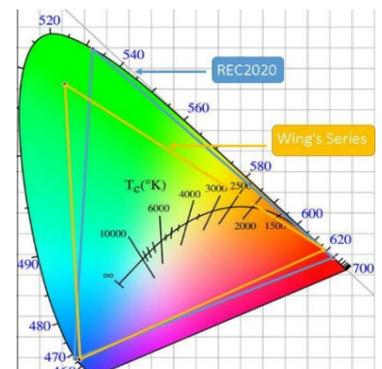
What is Common Cathode

Common cathode is a new technology to save energy for LED display screen, it is to divide R, G, B and provide power to them separately, accurate to distribute voltage and current to Red, Green and Blue LED chips to keep the R, G, B LEDs work at the optimal state. Its current is flowing from LED chips to the negative pole of driving IC, so that it is named as common cathode.



Major benefit for common cathode compared with traditional LED wall are (but not limited to) below:

- 30% less power consumption.
- 25% cooler than normal LED screen.
- More color and excellent video performance.
- 30% longer life span



Quick installation and dismantle

Thanks to the cable-free connection design, it creates flexibility in installation and dismantles.

Save cost in installation

Not only cable-free features, thanks to the Ultra-thin and Ultra-light design, but the panel is also just 32mm thin and 5kg weight. It is not only saved time on installation but also reducing the labor in installation and material on the wall mount.



Quick maintenance

Each panel contains 4 LED modules that can easily be replaced by using a vacuum sucker at front of the wall. It can largely reduce the downtime of the wall.



Redundancy Power and Signal supply (Optional)

To offer the shortest downtime of the LED, the customer can select the optional redundancy power and signal supply module. This feature is highly recommended for the application in transportation, broadcasting, command and control room.

Anti-moisture proof (Optional)

To make Wing's series working at some exceptional environmental conditions, there is optional items for Wing's Series like GOB, anti-moisture treatment on PCB etc. at customer's choice. Other option can be tailor made for customer, please contact us for detail discussion.

Fulfill major international safety Standard

Wing's Series LED Series fulfill major international safety standard including CE, EMC (Class B), ROHS, LVD and FCC, it's cabinet also pass the Tension and Compression Testing to ensure the safety of the LED wall installed.



Reduced electromagnetic waves

Wing's series ensures user safety with EMC Class B certification, minimizing electromagnetic waves for safe use in addition to the protection of the surrounding working environment. The display protects user health so they can focus on the task at hand with peace of mind.



16:9

Adopt International golden ratio 16:9

Perfect splicing combination,

Create multi-application suitable for all application

2K / 4K

(High: mm)

2,700.0								8x8 (216")
2,362.5								7x7 (190")
2,025.0						6x6 (162")		
1,687.5					5x5 (136")			
1,350.0			4x4 (108")					
1,012.5		3x3 (82")						
675.0	2x2 (54")							
337.5								
	600	1200	1800	2400	3000	3600	4200	4800

(Width: mm)

	1x1	2x2	3x3	4x4	5x5	6x6	7x7	8x8
0.93	640 x 360	1280 x 720	1920 x 1080	2560 x 1440	3200 x 1800	3840 x 2160	4480 x 2520	5120 x 2880
1.25	480 x 720	960 x 540	1440 x 810	1920 x 1080	2400 x 1350	2880 x 1620	3360 x 1620	3840 x 2160
1.56	384 x 216	768 x 432	1152 x 648	1536 x 864	1920 x 1080	2304 x 1296	2688 x 1512	3072 x 1728
1.87	320 x 180	640 x 360	960 x 540	1280 x 720	1600 x 900	1920 x 1080	2240 x 1260	2560 x 1440
2.5	240 x 134	480 x 268	720 x 402	960 x 536	1200 x 670	1440 x 804	1680 x 938	1920 x 1072

Parameters

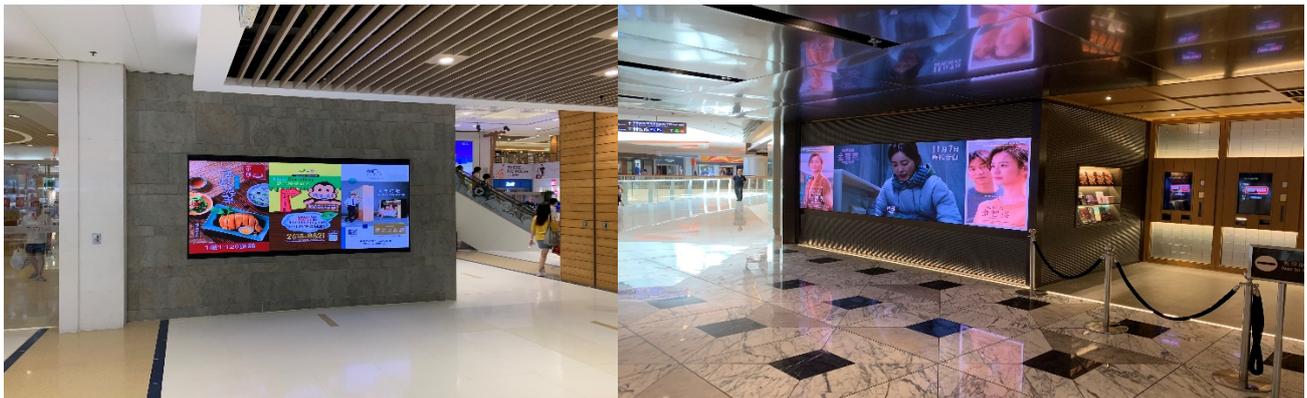
Item	P0.93	P1.25	P1.56	P1.87	P2.5
Pixel Pitch: mm	0.9375	1.25	1.56	1.87	2.5
Pixel density: pix/m ²	113777	640000	409600	284444	160000
Brightness: cd/m ²	500	600	800		
Scan:	1/27			1/30	1/34
Work environment	Indoor				
Operating temperature	-30 °C ~ 50 °C				
Viewing Angle	H: 160° V:160°				
Module size: mm	300 x 168.75				
Cabinet resolution	640 x 360	480 x 270	384 x 216	320 x 180	240 x 134
Cabinet size	600 x 337.5				
Thickness Cabinet: mm	32				
Cabinet material	Die Cast Aluminium				
Waterproof level	IP34				
Max Power: w/m ²	280~320W				
Average power: w/m ²	100~120W				
Refresh rate: HZ	3840				
Net weight (per cabinet): kg	5				
Certificate	CE/ LVD/ EMC (Class B)/ ROHS /FCC				

**Parameters are subject to change from factory without notice in advance*

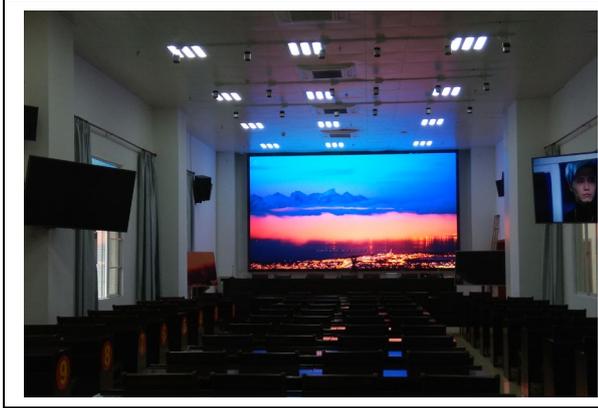
Fit for all indoor applications

Wing's series LED Panel can widely use in Staging, shopping mall, television Studio, corporate meeting room and logo wall etc.

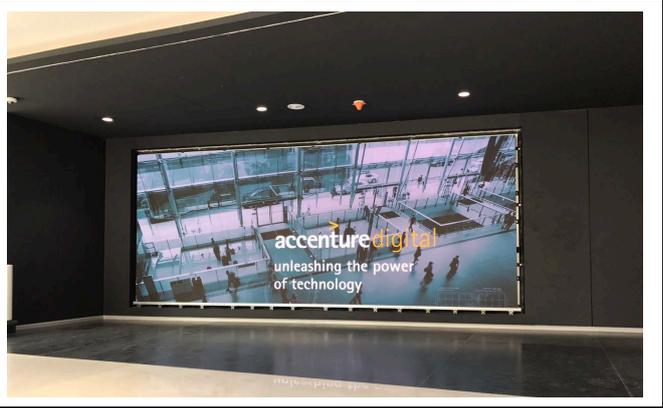
Shopping Mall



Meeting room



Corporation show room/wall



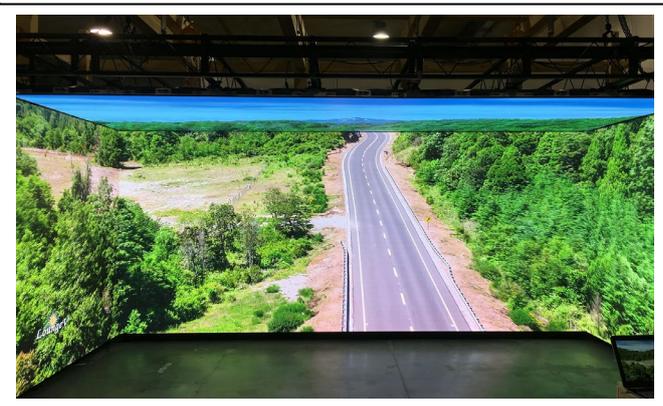
Television Broadcasting



Television Studio



Cave



Control Centre



Command Centre



RoHS

