DDWdisplay

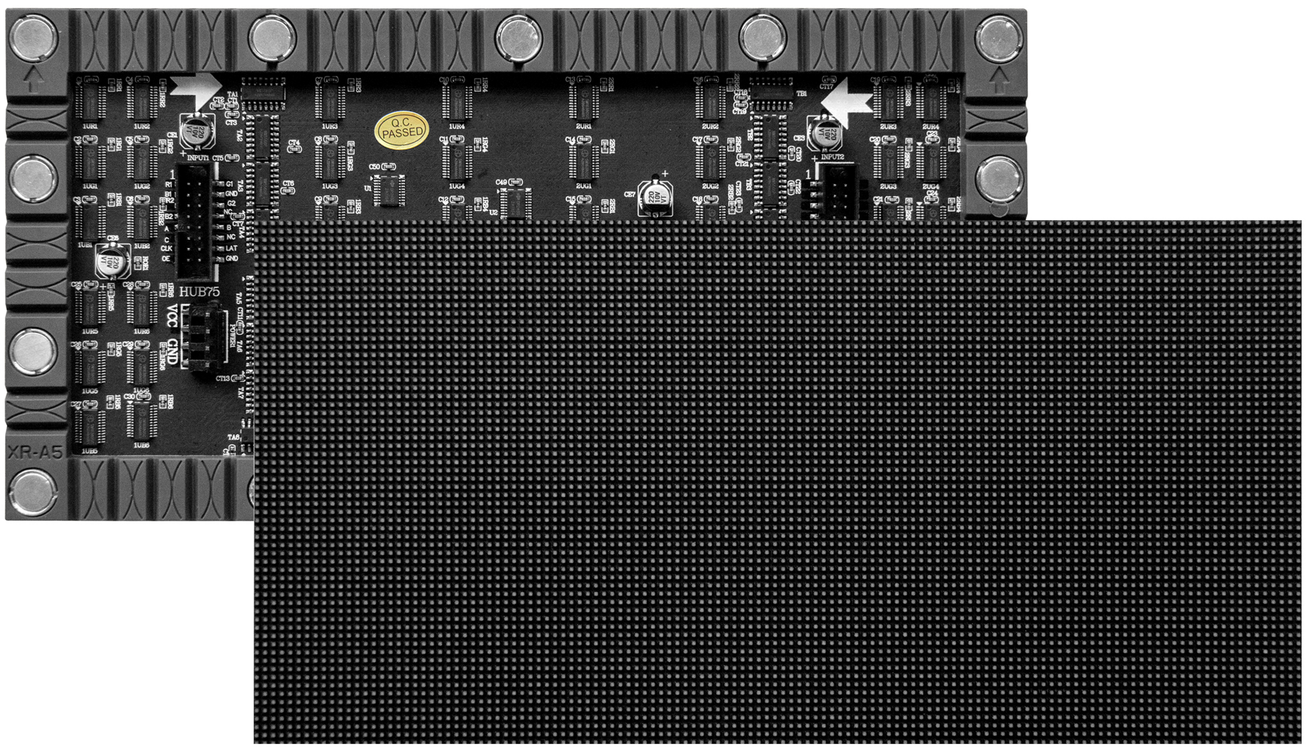
FLEXIBLE LED SCREEN

P1.25 P1.29 P1.538 P1.568 P1.86 P2 P2.5

CHARACTERS

- 384Hz refresh rate
- High flexibility
- 170g/pc
- Magnetic suction installation
- Ultra-thin
- Low power consumption
- Soft silica gel
- Front Maintenance

DDW-LEDFL



- Magnetic suction installation
- No Cabinet Design
- Super Thin & LightDesign
- Easy installation and maintenance
- Any Shape Can be Customized
- Energy saving and environmental protection

SPECIFICATIONS

Pixel Pitch	P1.25	P1.29	P1.53	P1.568	P1.86	P2	P2.5
Pixel Configuration	1R1G1B						
LED Package Specifications	SMD1010TOP	SMD1010CHIP	SMD1212	SMD1212	SMD1515	SMD1515	SMD1515
Pixel Density (dots/m²)	640000	600625	422500	406406	288906	250000	160000
Module Dimensions (mm)	320X160						
Module Resolution	256X128	248X124	280X104	204X102	172X86	160X80	128X64
Scanning Method/Scan	64	62	52	51	43	40	40
Refresh Rate (Hz)	3840						
Grayscale Levels (bits)	14Bit						
Module Weight (g/sheet)	330	400	340	340	340	340	290
Smoothness (mm)	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.5	≤ 0.5	≤ 0.5
Installation/Maintenance	Front or rear installation/maintenance						
Brightness (cd)	600-650	600-650	600-650	600-650	700-750	700-750	700-750
Color Temperature (K)	10,000-12,000 adjustable						
Coordinates	X: 0.2500 Y: 0.3000 ± 0.01						
Horizontal/Vertical Viewing Angles	X:140° Y:120°	X:160° Y:130°	X:160° Y:130°	X:160° Y:130°	X:160° Y:130°	X:160° Y:130°	X:160° Y:130°
Contrast Ratio	≥6000:1	≥6000:1	≥6000:1	≥6000:1	≥5000:1	≥5000:1	≥6000:1
Peak Power Consumption (W/m²)	600	600	442	442	430	450	410
Average Power Consumption (W/m²)	170	170	125	125	123	128	118
Typical Lifespan (h)	100000						
Operating Temperature Range (°C)	-20—40						
Operating Humidity Range (RH)	20%—75%						

LED FLEXIBLE MODULE

Flexible LED screen is a rubber-based, magnetic led video tille, with very uniquefeatures of Convex, Concave ,even twisted and shaped to creative curved and waved LED applications .

ANY SHAPE CAN BE CUSTOMIZED

Flexible LED module can be spliced into circular, wavy curved and cylindrical shapes at will

1.Cylindrical

2.Cuboid

3.Wavy

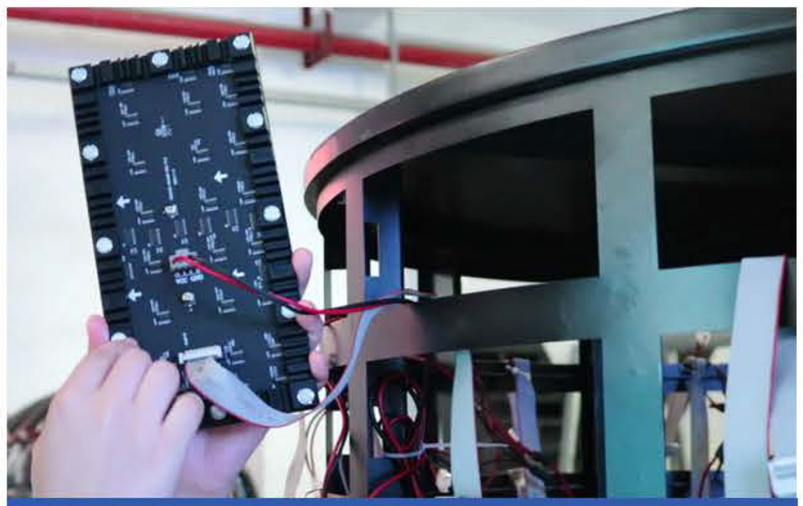
EASY INSTALLATION

The cabinet signal line and power line are connected by quick-connecting connectors, which is convenient and quick to install and simple to operate;

Can be used with professional audio processing systems.

Cylindrical metal structure

No cabinet metal frame,drastically deducting the screen weight.we can design any shape of structure as you need.

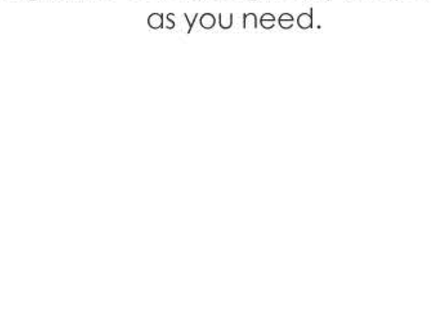


Magnetic Suction Installation

By fixing module on cabinet with magnets, modules can be removed directly effortlessly without any tool signal and power system can all be serviced from front easily.

Installation effect

Can meet most shapes. It has realistic colors and is the best choice for special-shaped screens.



LED Module

Metal frame

Finished product display

LED Module

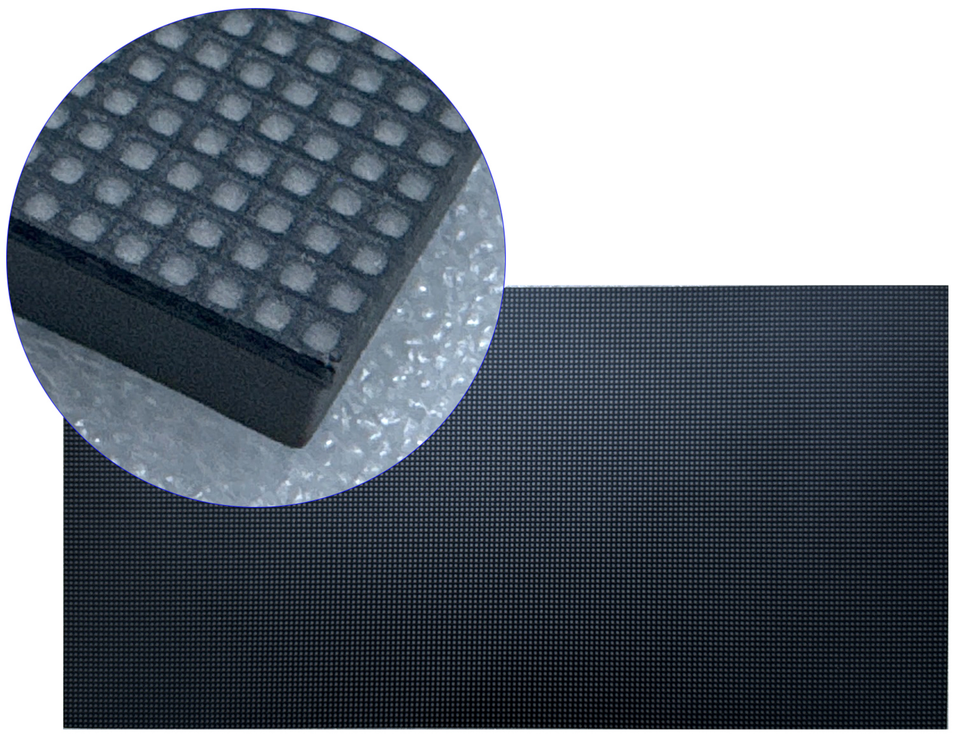
Metal frame

Finished product display

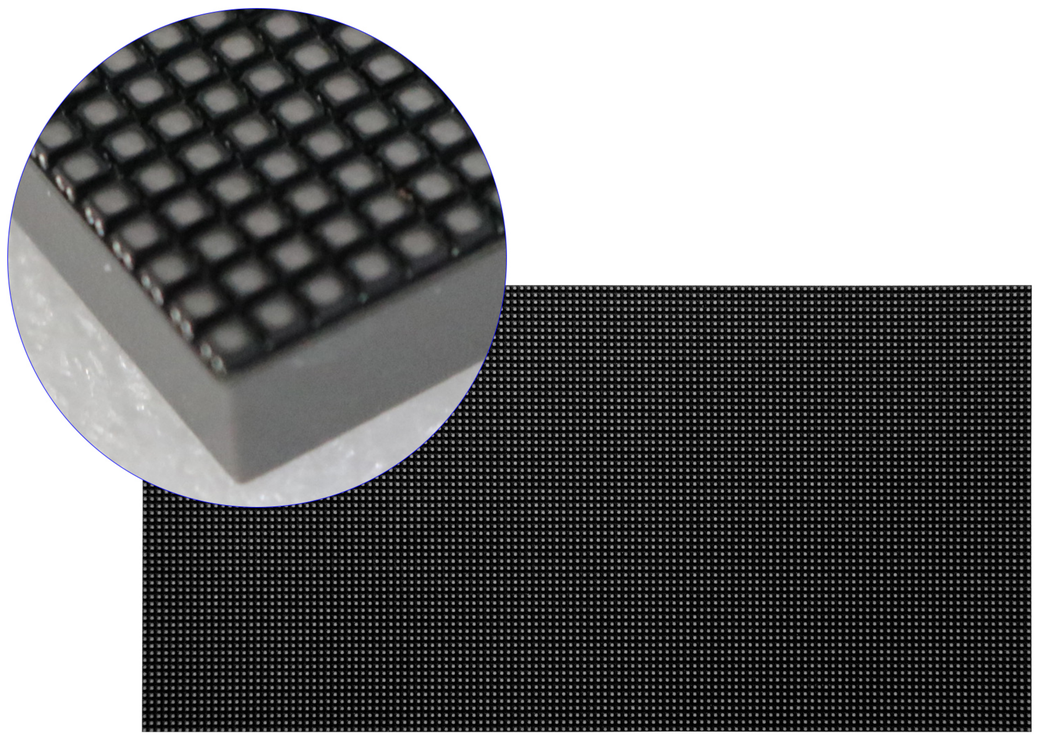
GOB module optional

Key Advantages of GOB LED Display

1. Extreme Protection - Fully sealed surface protects LEDs from impact, dust, and moisture.
2. Anti-Collision & Anti-Scratch -Ideal for rental and interactive applications.
3. Extended Lifespan - Lower damage rate means longer service life and reduced maintenance cost.
4. Wide Application Scenarios - Suitable for both indoor and outdoor harsh environments
5. still Delivers Clear Visuals - Despite the glue layer, the screen maintains high clarity and uniformity.



GOB module



SMD module

GOB VS SMD LED Displays comparison

Comparison Item	GOB (Glue On Board)	SMD(Surface Mounted Device)
Protection Method	Transparent glue covers the whole LED surface for full protection.	Exposed LED lamps mounted on the surface.
Impact Resistance	Excellent-strong protection against drops and hits.	Poor- LEDs are fragile and easily damaged.
Waterproof & Dustproof	High-sealed surface resists water, dust, and moisture.	Low- gaps between lamps allow water and dust in.
Maintenance	Lower frequency-better durability and lifespan.	Higher frequency- LEDs more likely to be damaged.
Viewing Angle	Wide and uniform viewing angle.	Standard wide-angle performance,

ADVANTAGES

Reliable, stable and convenient for front desk maintenance. High gray scale, high refresh rate, no image delay, ghosting.

HIGH REFRESH RATE

High refresh rate, the screen playback is clearer and smoother

3840Hz

1920Hz

HIGH GRAY SCALE

Rich colors and exquisite picture details

Hiah Arav Rate

Less detail loss in dark parts

Low Arav Rate

HIGH CONTRAST

Wide color gamut, uniform color,fine and soft picture with no rainbow effect;

High Contrast

Low Contrast

POPULAR APPLICATIONS

PACKAGING & TRANSPORTATION

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