

Fine Pixel Pitch Series





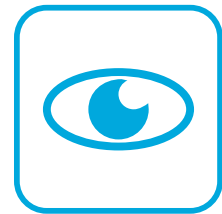
HD



High
Grayscale



Quick
Installation



Super wide
Viewing Angle



Easy To
Maintain



Seamless
Joint



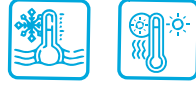
Magnetic
Absorption



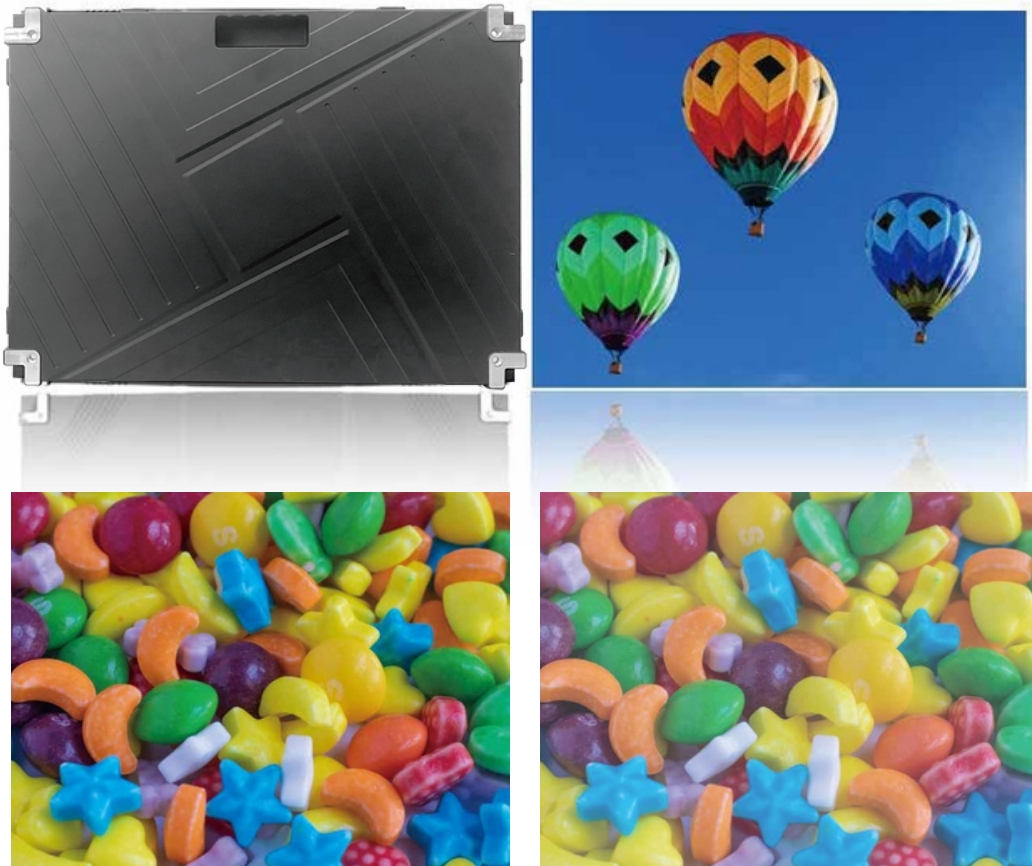
Low Power
Consumption

01

HD Display



- Full black light, 5000:1 high contrast ratio, more vivid pictures, richer colors, bringing a new visual experience, high consistency, no dead spots and no color cast.
- The display adopts SMD package lamp, high refresh, high gray scale,
- Constant current drive, wider color gamut, better effect.



High Contrast

low Contrast

02

Wide Angle View

- Full black lamps, High contrast ratio, More vivid picture, Richer colors, High consistency, No dead angle, and no color deviation.
- Eliminate residual image circuit design, dynamic without ghosting and trailing.

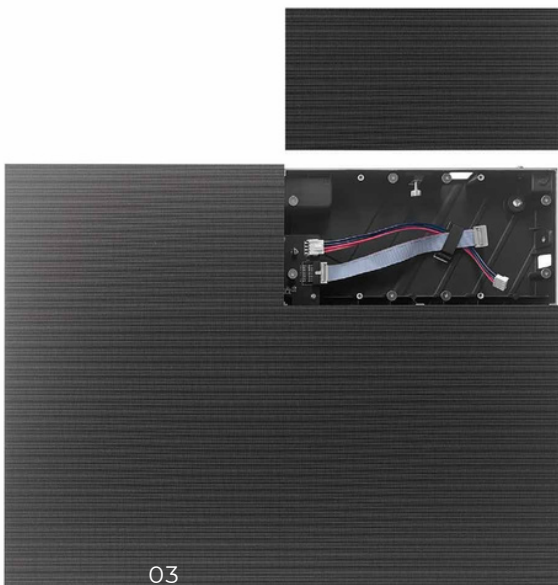


03

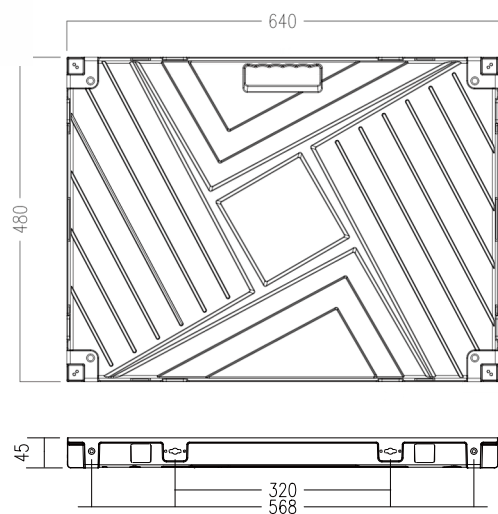
Energy Effeicient



- Supports full front maintenance
- Easy installation and maintenance.



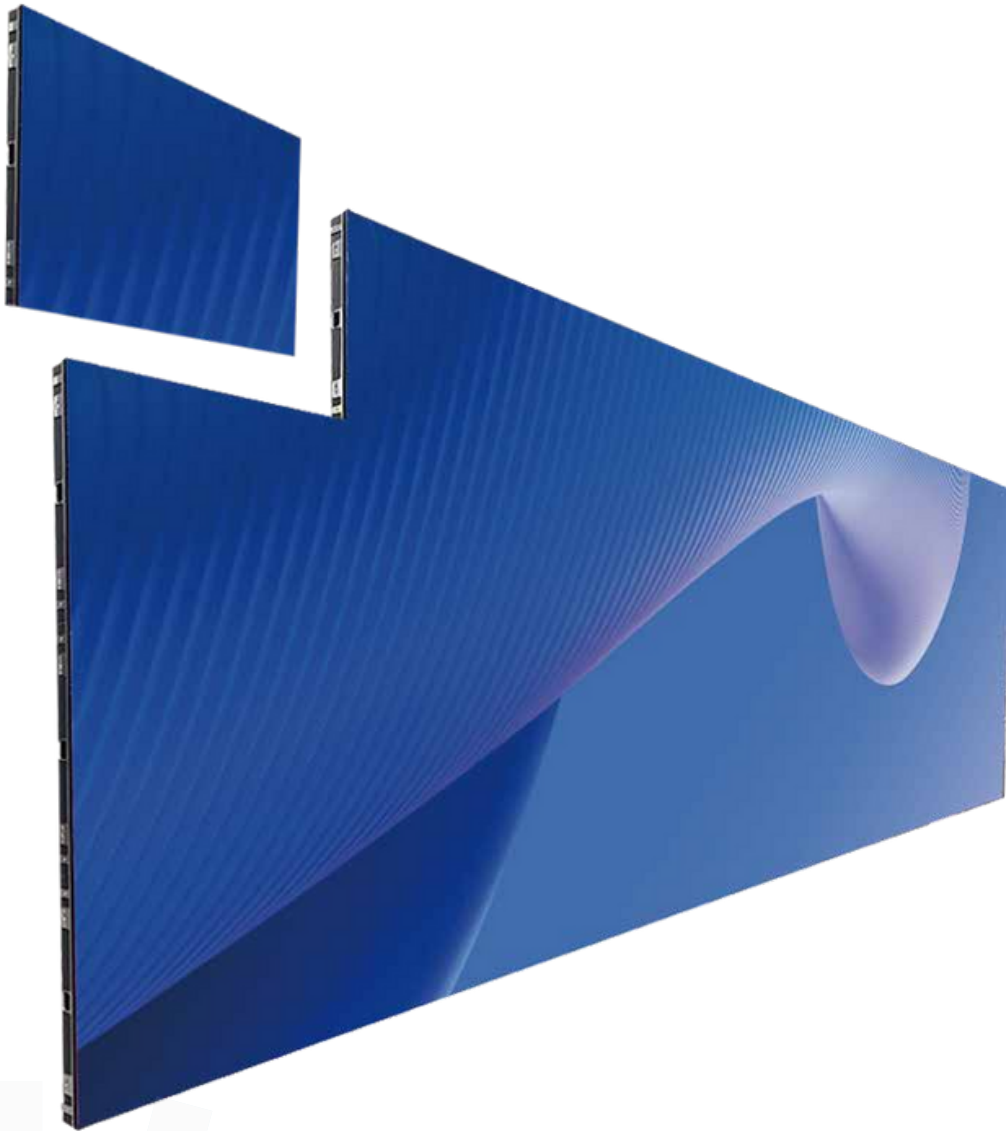
Cabinet size: 640*480*60mm
Module size: 320*160*15mm
Weight: 7.1KG



04

Easy Maintenance

- Point-to-point brightness and chroma correction to solve the problem of bright color inconsistency.



05

Hight Reliability

- Redundant power supply design, dual signal input and output.
- Automatically detecting the failure and switching to ensure the whole system's stability and reliability.



06

Silent Operation



- Die-cast aluminum / Natural cooling fanless design.
- The working noise is reduced to below 40 dB.
- Provides a quiet environment and a comfortable viewing experience.



07

Installation Method

- Supports various installation methods.
- Wall-mounted mounted and Stacking.



Curved Design



Flat Mount

Technical parameter: (T=25°C)

Basic Parameter

Pixel Pitch	1.25mm	1.538mm	1.667mm	1.839mm
Pixel Structure	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Pixel Density	640000/m ²	422753/m ²	360000/m ²	295664/m ²
Module Resolution	256X128dots	208X104dots	192X96dots	174X87dots
Module Size (WXH)	320X160mm	320X160mm	320X160mm	320X160mm

Optical Parameter

Single Point Brightness	support	support	support	support
Chroma Correction	support	support	support	support
White Balance Brightness	≥800cd/m ²	≥800cd/m ²	≥800cd/m ²	≥800cd/m ²
Color Temperature	2000K—12500K Adjustable	2000K—12500K Adjustable	2000K—12500K Adjustable	2000K—12500K Adjustable
Horizontal Viewing Angle	≥160°	≥160°	≥160°	≥160°
Vertical Viewing Angle	≥140°	≥140°	≥140°	≥140°
Visible Distance	≥1m	≥1m	≥1m	≥2m
Brightness Uniformity	≥97%	≥97%	≥97%	≥97%
Contrast Ratio	≥5000:1	≥5000:1	≥5000:1	≥5000:1

Process Performance

Signal processing bits	16bits*3	16bits*3	16bits*3	16bits*3
Gray scale	12-14Bit	12-14Bit	12-14Bit	12-14Bit
Control Distance	Cable100 m,Optical Fiber 10km	Cable100 m,Optical Fiber 10km	Cable100 m,Optical Fiber 10km	Cable100 m,Optical Fiber 10km
Drive Mode	constant current source driver	constant current source driver	constant current source driver	constant current source driver
Frame Rate	≥60HZ	≥60HZ	≥60HZ	≥60HZ
Refresh Rate	≥3840HZ	≥3840HZ	≥3840HZ	≥3840HZ
Way to Control	Synchronize	Synchronize	Synchronize	Synchronize
Brightness Adjustment Range	Brightness Adjustment Range	Brightness Adjustment Range	Brightness Adjustment Range	Brightness Adjustment Range

Usage Parameter

Continuous Operation Time	≥72hours	≥72hours	≥72hours	≥72hours
Expected LED Lifetime(Max)	100000 hours	100000 hours	100000 hours	100000 hours
IP Rating	IP57	IP57	IP57	IP57
Operating Temperature	-20 °Cto 50 °C	-20 °Cto 50 °C	-20 °Cto 50 °C	-20 °Cto 50 °C
Operating Humidity	10 %- 80% RH No Condensation	10 %- 80% RH No Condensation	10 %- 80% RH No Condensation	10 %- 80% RH No Condensation
Storage Temperature	-20 °C to 60 °C	-20 °C to 60 °C	-20 °C to 60 °C	-20 °C to 60 °C

Electrical Parameter

Operating Voltage	DC 4.2-5V AC:	DC 4.2-5V	DC 4.2-5V	DC 4.2-5V
Power Requirements	220× (1±10%) V、 50× (1±5%) Hz	AC: 220× (1±10%) V、 50× (1±5%) Hz	AC: 220× (1±10%) V、 50× (1±5%) Hz	AC: 220× (1±10%) V、 50× (1±5%) Hz
Maximum power consumption	680W/m ²	680W/m ²	680W/m ²	680W/m ²
Average power consumption	270W/m ²	270W/m ²	270W/m ²	270W/m ²

Technical parameter: (T=25°C)

Basic Parameter

Pixel Pitch	1.86mm	2mm	2.5mm	4mm
Pixel Structure	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Pixel Density	288708/m ²	250000/m ²	160000/m ²	62500/m ²
Module Resolution	172X86dots	160X80dots	128X64dots	80X40dots
Module Size (WXH)	320X160mm	320X160mm	320X160mm	320X160mm

Optical Parameter

Single Point Brightness	support	support	support	support
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White Balance Brightness	≥800cd/m ²	≥800cd/m ²	≥800cd/m ²	≥800cd/m ²
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Way to Control	Synchronize	Synchronize	Synchronize	Synchronize
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Maximum power consumption	680W/m ²	680W/m ²	680W/m ²	680W/m ²
Average power consumption	270W/m ²	270W/m ²	270W/m ²	270W/m ²

REDLAMP LED

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