| HD | High Grayscale | Quick Installation | Super wide Viewing Angle | Easy To Maintain | Seamless Stitching | Magnetic Adsorption | Low Power Consumption |

Fine Pixel Pitch LED Screen PRODUCT SPECIFICATION

CCC FC CE UK CA ETL RoHS

SHENZHEN CRTOP TECHNOLOGY CO.,LTD	Add.: 1001, Building 1, Guole Technology Park, No. 1 Lirong Road,Longhua District, Shenzhen, Guangdong, China.	Version:1.0
Website (INT): WWW.CRTOP−LED.COM		Date: 2025

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 Of View

· Full black lamps, high contrast ratio, more vivid picture, richer colours,
  High consistency, no dead angle and no colour deviation.

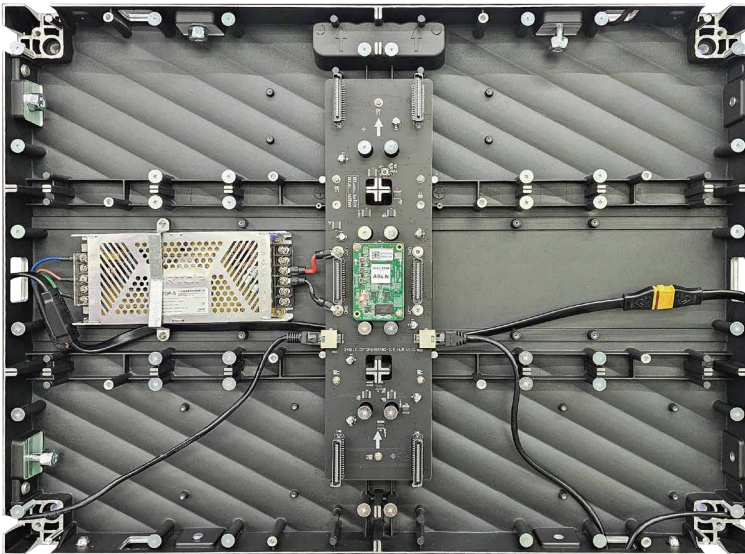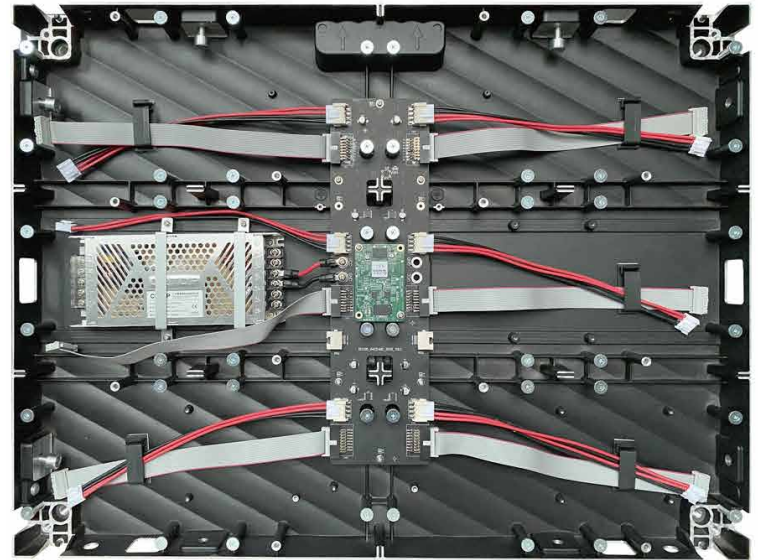· Eliminate residual image circuit design, dynamic without ghosting and trailing.

O3 **Energy Efficient**

· Supports full front maintenance,
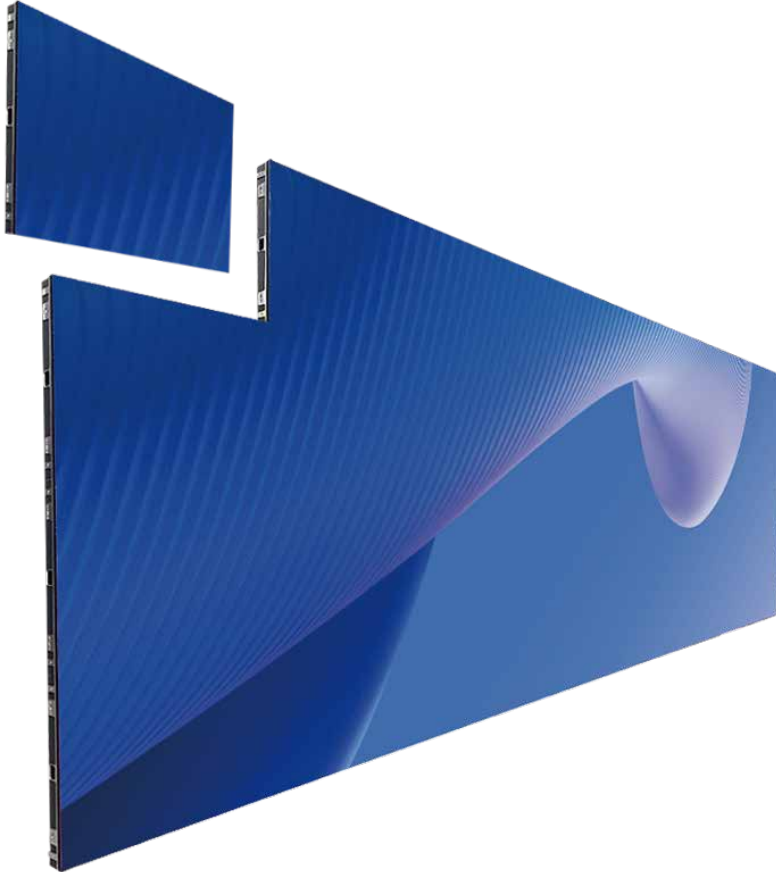 more convenient installation and maintenance.

Hard Link

Soft link

04 Easy Maintenance

· Allow single point of brightness, chroma correction,
  to solve the problem of bright colour inconsistency.

05 High Reliability

· Redundant power supply design, dual signal input and output,
  automatically detecting the failure and switch,
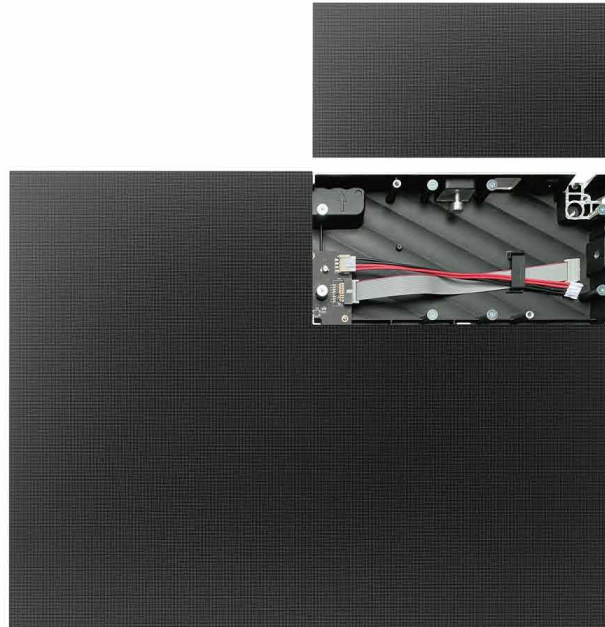 ensure the whole system's stability and reliability.

Silent Operation

· Adopt die-cast aluminum natural cooling fanless design,
  The working noise is greatly reduced to below 40dB,
  Provides a quiet environment and comfortable viewing experience.

SPECIFICATION

Technical parameter：（T=25℃)

Application	Indoor							
Pixel Pitch	1.25mm	1.538mm	1.667mm	1.839mm	1.86mm	2mm	2.5mm	3.076mm
Pixel Structure	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Pixel Density（dots/㎡)	640000/m²	422754/m²	359856/m²	295690/m²	289050/m²	250000/m²	160000/m²	105688/m²
Module Resolution（W×H)	256*128 dots	208*104 dots	192*96dots	174*88dots	172*86dots	160*80dots	128*64dots	104*52dots
Module Dimension（mm)	320*160*15mm							
Cabinet Dimension（mm)	640*480*65mm							
Weight（kg）/ set	7.1kg							
Material	Die–cast Aluminum							
Maintenance type	100% Front							
Certification	CCC, CE, ETL, UKCA, ROHS							
Single Point Brightness	support							
Chroma Correction	support							
White Balance Brightness	≥600–1000cd/㎡							
Color Temperature	2000–12500K Adjustable							
Viewing Angle（H/V°)	H: 160°	V: 160°							
Optimal Viewing Distance (m)	≥1 meters							
Brightness Uniformity	≥97%							
Contrast Ratio	≥5000:1							
Signal Processing Bits	16 bits*3							
Gray Scale	12–14Bit							
Control Distance	Cable: 100 m,Optical Fiber: 10km							
Drive Mode	Constant current source driver							
Frame Rate	≥60HZ							
Refresh Rate（Hz)	≥3840HZ							
Way to Control	Synchronize							
Brightness Adjustment Range	0–100Stepless Adjustmen							
Continuous Operation Time	≥72Hours							
Life Span	>100,000Hours							
IP Level	IP20							
Operating Temperature（℃/RH)	–20 ℃ to 50 ℃							
Operating Humidity（℃/RH)	10 %– 80% RH No Condensation							
Storage Temperature（℃/RH)	–20 ℃ to 60 ℃							
Operating Voltage	DC 4.2–5V							
Input Voltage (V)	AC200–240V 50/60 HZ							
Maximum Power Consumption	700W/㎡							
Average Power Consumption	260W/㎡							