

# Inspur SMD Indoor LED Splicing Screen

Models: IV6312D IV6315D IV6319D



## > Lightweight Cabinet



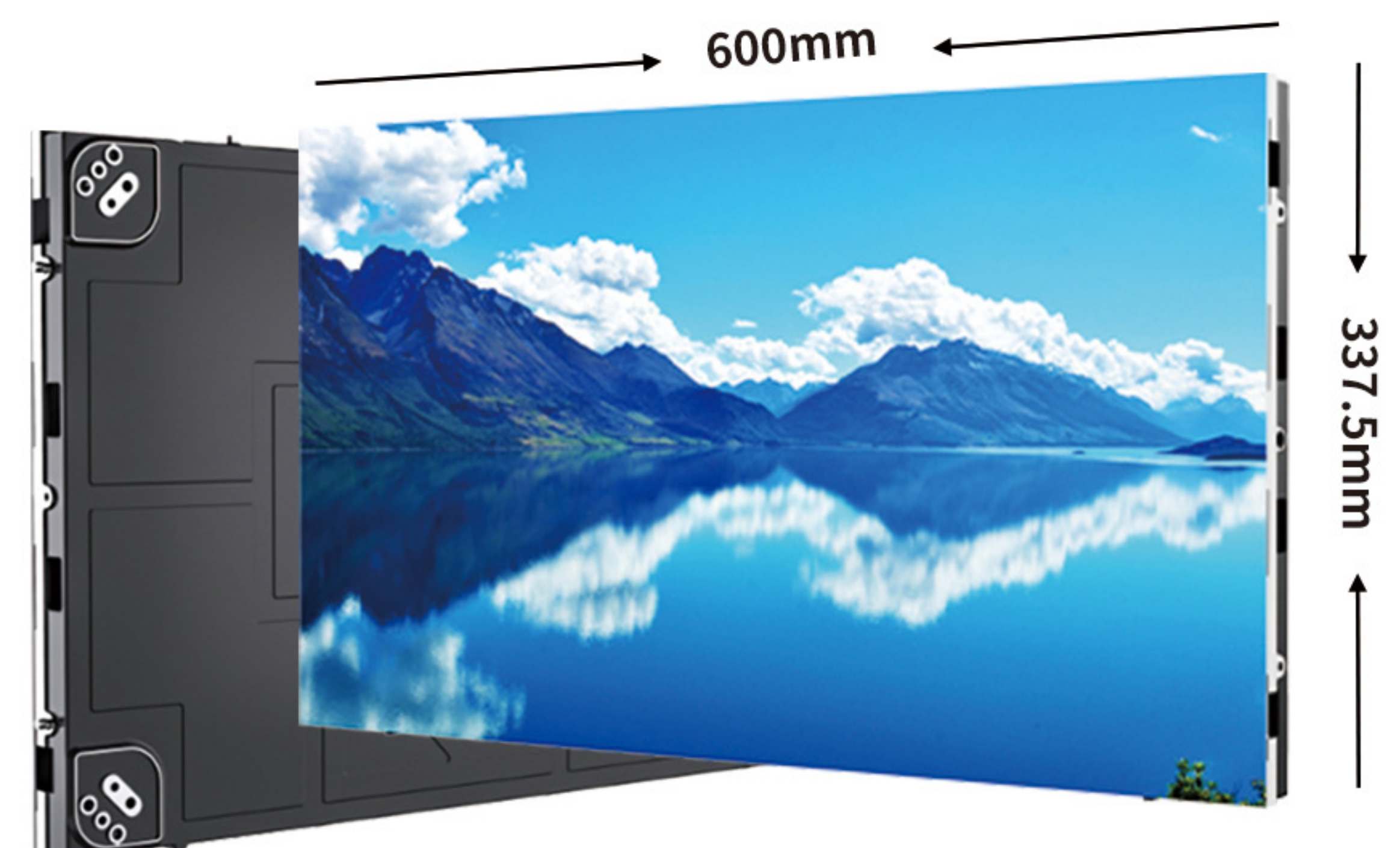
Cabinet die-casting molding, CNC process, high flatness and stable structure



32mm ultra-thin cabinet, takes up less space, saving installation space

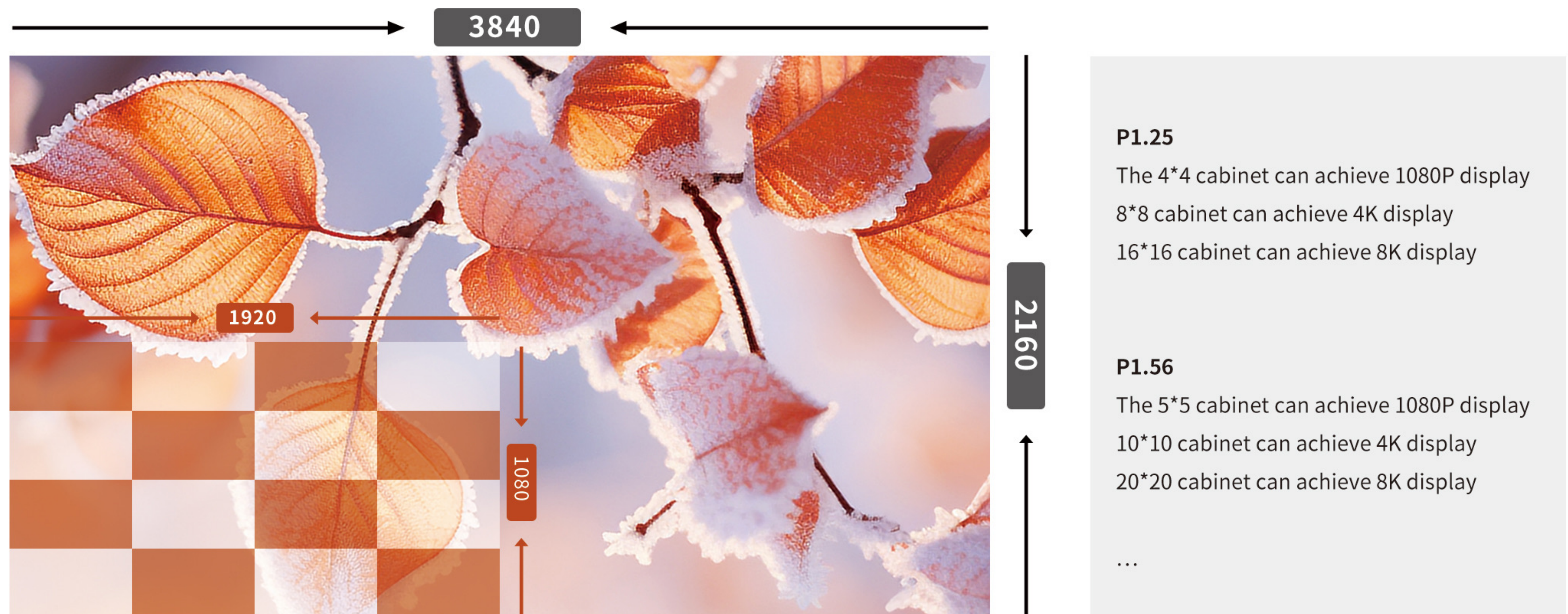


Single box 4.5kg, effectively reduce the building load, support wall-mounted installation for quick and easy setup



## > 16:9 Standard Resolution

27.5-inch standard cabinet, 16:9 standard resolution, capable of infinitely splicing to create large screens with display sizes such as 2K/4K/8K

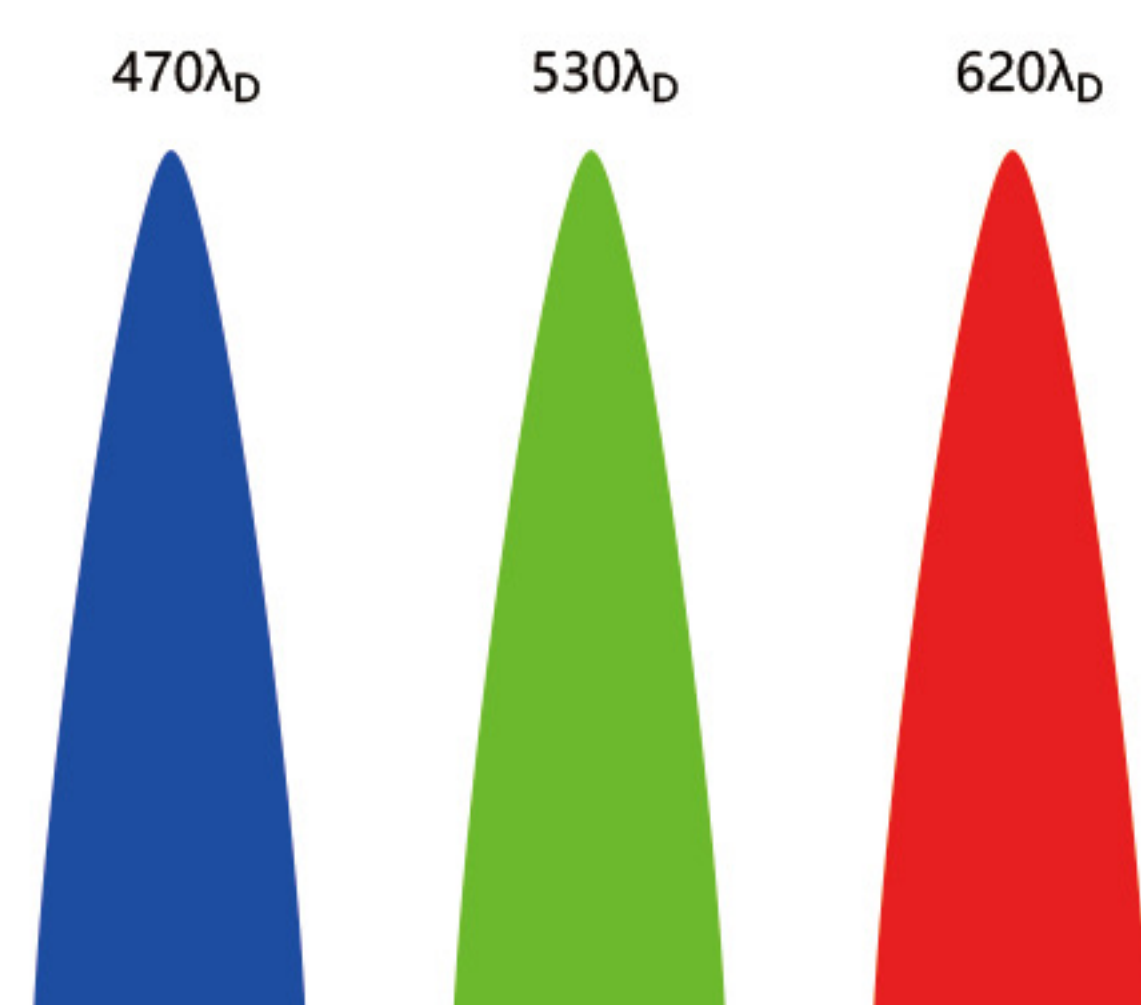


Example of P1.25 pixel pitch splicing

## > Excellent Picture Quality



- Brightness  $\geq 600 \text{ cd/m}^2$ , contrast  $\geq 5000:1$
- 14 bit gray level performance, the picture is clearly layered
- Low light and high gray detail processing, no loss of gray level detail at low Brightness



## > High-Standard Spectral Sorting

LED chips with consistent characteristics are sorted based on parameters such as dominant wavelength, luminous flux, and operating voltage. With 2nm spectral classification and color separation, combined with our proprietary AI algorithm for mixing and mounting, the entire screen exhibits uniform color without the need for calibration, truly achieving original picture and original color

## > High Refresh

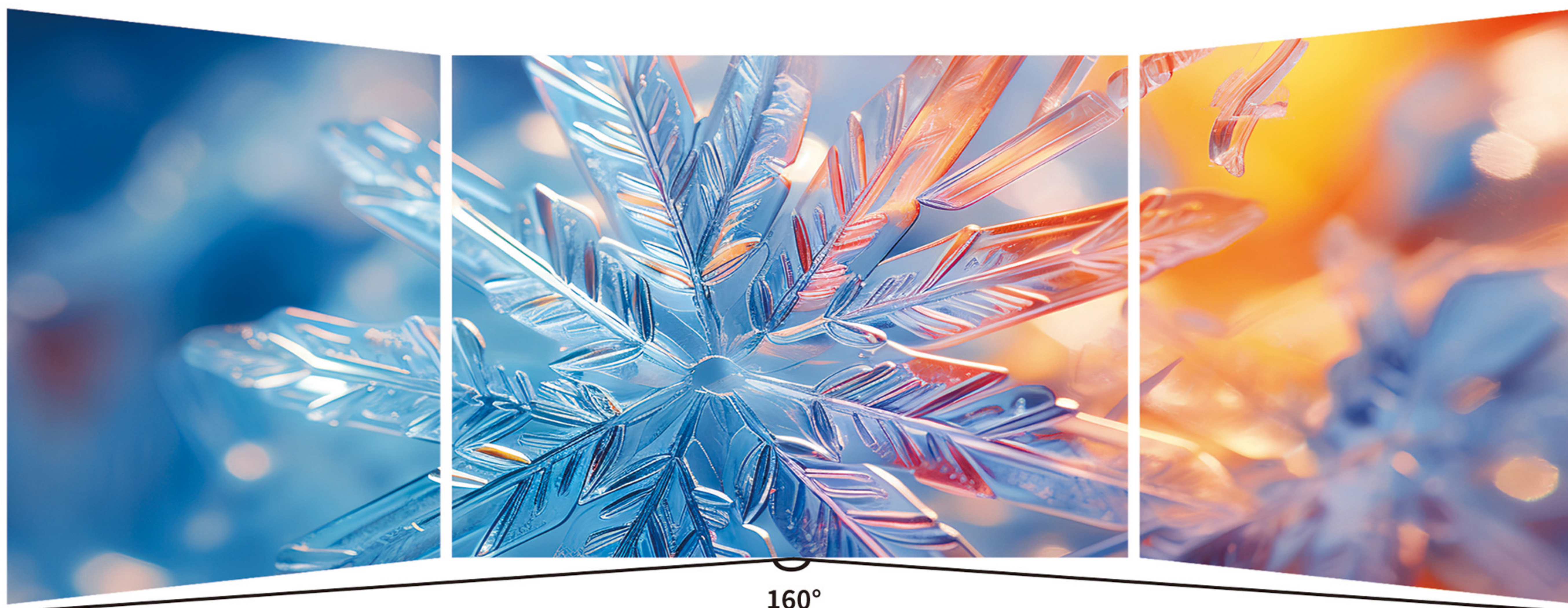


3840Hz refresh

Adopt high level PWM constant current driver IC, screen Refresh Rate  $\geq 3840\text{Hz}$ , eliminating flickering and blurring, and providing viewers with a more realistic and smooth viewing experience

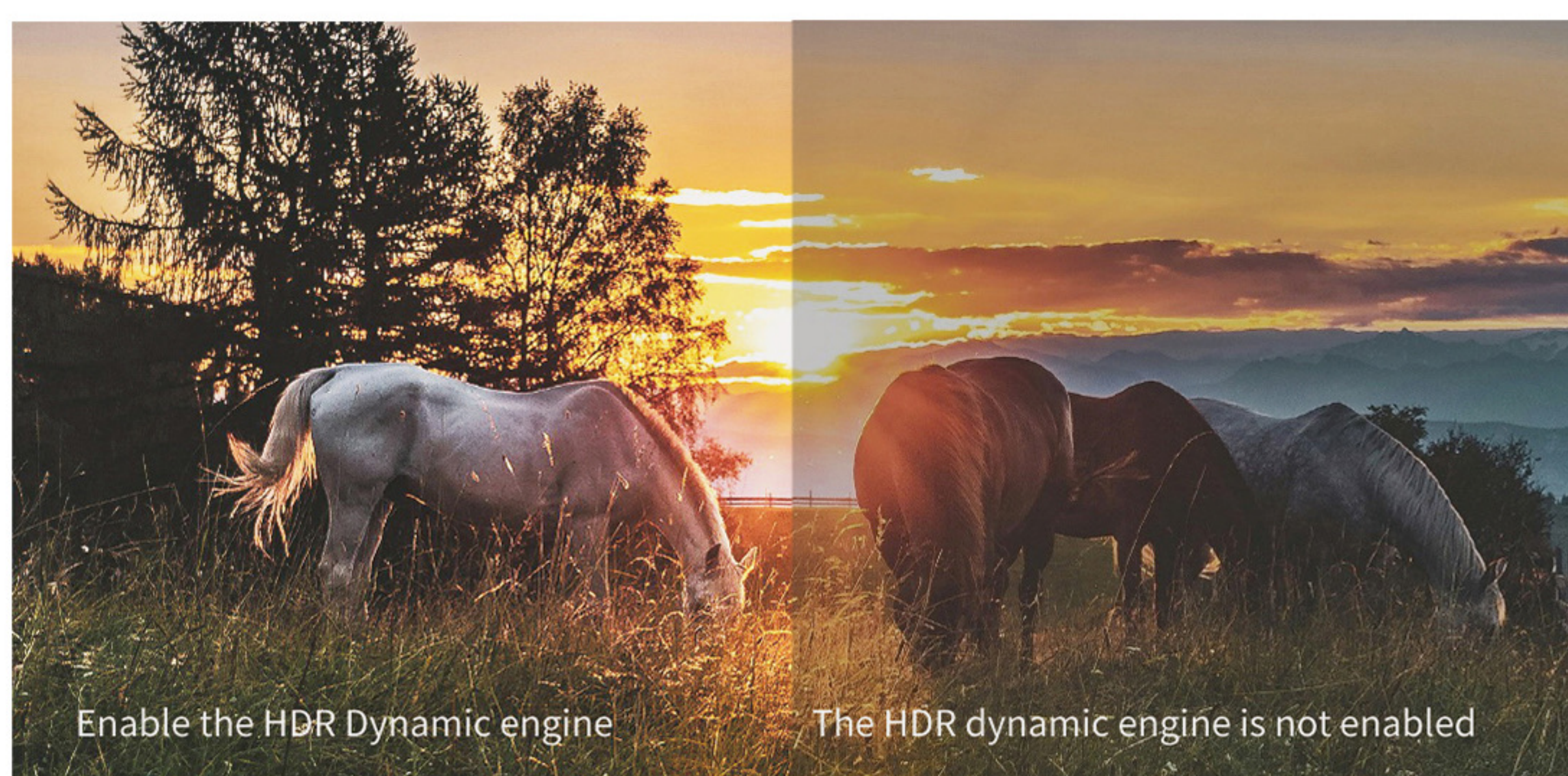
## > Large Viewing Angle, High Color Gamut

Wide Viewing Angle: 160° ultra-wide viewing angle performance, ensuring a central visual experience from any angle  
High Color Gamut:  $\geq 110\%$ NTSC ultra-large color gamut, providing broadcast-quality and cinema-grade picture quality



## > HDR High Motion Display

HDR image processing algorithms to enhance details in both dark and bright areas, enriching the light and dark levels as well as the detailed colors of the image. It takes into account more highlights and shadow details, making the visual world more realistic and achieving precise color restoration



## > Application Scenarios



Exhibition Hall



Data Center



Conference Rooms



Lecture Hall



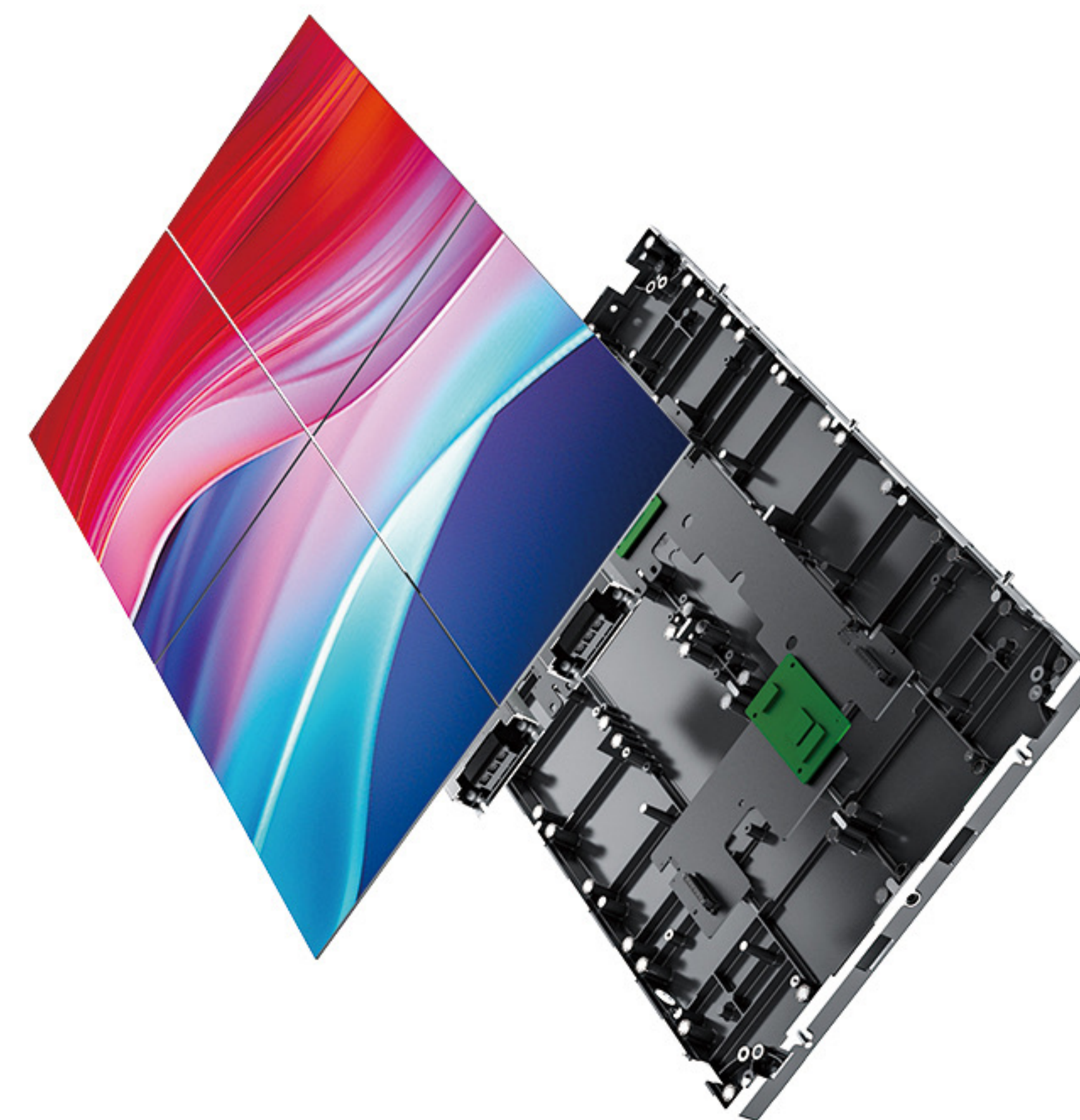
Business Plaza



Command Center

## > Multiple Guarantees - Dual Backup of Receiving Card and Power Supplies

Support dual-backup functions for both the receiving card and the power supply. Two receiving card work at the same time in a mutual hot backup state, enabling automatic and seamless switching in the event of any signal failure. The power supply system features a redundant flow design to ensure that the screen never goes black



Product Parameters				
Model	LED Display Terminal	IV6312D	IV6315D	IV6319D
Module Composition	LED Packaging	SMD1010	SMD1212	SMD1515
	Pixel Pitch (mm)	1.25	1.5625	1.875
	Module Resolution (W×H)	240×135	192×108	160×90
	Module Size (W×H) (mm)	300×168.75 (mm)		
Cabinet	Pixel Density (dots/m <sup>2</sup> )	640000	409600	284444
	Unit Resolution (W×H)	480×270	384×216	320×180
	Unit Module Composition	2×2		
	Unit Size (W×H×D) (mm)	600×337.5×32 (mm)		
	Unit Weight (kg)	4.5		
	Maintenance Method	Front Maintenance		
	Cabinet Material	Die-cast Aluminum		
Optical Parameters	Brightness (cd/m <sup>2</sup> )	600		
	Color Temperature (K)	6500 (2000K ~ 9500KAdjustable)		
	Viewing Angle (H/V)	160°/ 160°		
	Brightness Uniformity	≥97%		
	Maximum Contrast Ratio	5000: 1		
Electrical Parameters	Peak Power Consumption (W/m <sup>2</sup> )	≤450		
	Average Power Consumption (W/m <sup>2</sup> )	≤135		
	Power Supply Requirements	AC 100-240V (50/60Hz)		
Driving Method	Scan count	45	54	45
	Frame Change Frequency	50/60		
	Refresh Rate (Hz)	≥3840		
	Processing Depth (bits)	14		
Operating Parameters	Lifespan Typical Value (h)	≥100000		
	Operating Temperature/ Humidity Range	-10°C-40°C / 10%-90%RH (No Condensation)		
	Storage Temperature/ Humidity Range	-20°C-60°C / 10%-90%RH (No Condensation)		

Note: The above parameters are for reference only and are not the basis for final delivery. The product can be customized according to requirements

## INSPUR INTELLIGENT TECHNOLOGY CO., LTD.

Website: <https://en.inspur.com>

Official Email: [IITOS@inspur.com](mailto:IITOS@inspur.com)

Address: No. 1036, Langchao Road, Gaoxin District, Ji'nan City, Shandong Province



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