

Inspur Outdoor Energy-Saving Cold LED Screen

Models: EV9640 EV9657 EV9667 EV9680 EV96100



> High-Quality Visual Display



Maximum brightness $>8,000\text{cd/m}^2$, clearly visible in direct sunlight all day long



Deep black UV-resistant cover for ultra-high contrast and clear image depth



Ultra-high refresh rate of 7,680Hz for smooth image display



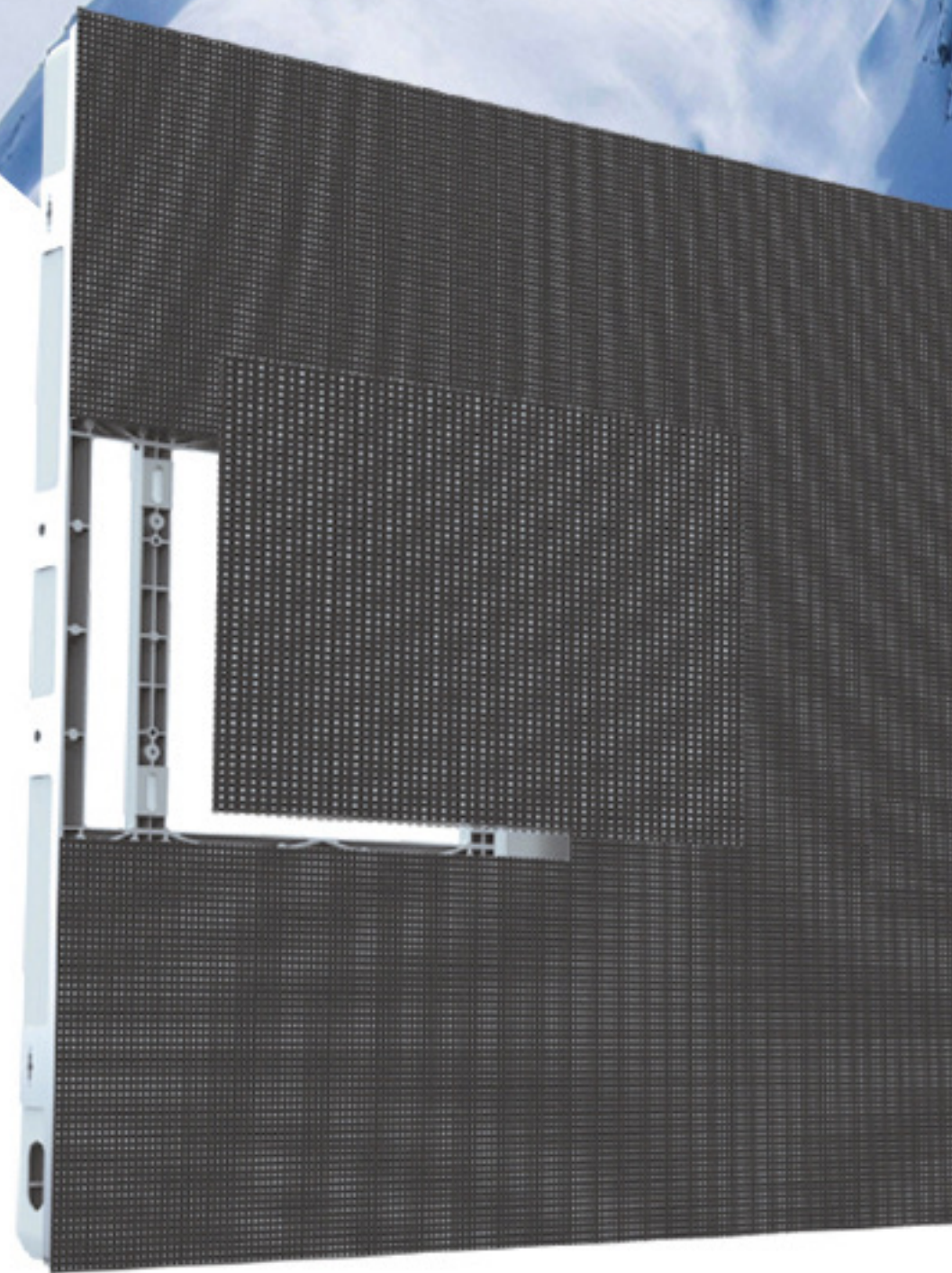
16-bit detail processing for accurate color representation



Inspur Outdoor Energy-Saving Cold Screen

> Wide Viewing Angle with Anti-glare Protection

- 160° ultra-wide viewing angle
- Wider advertising reach for better revenue potential



High-Shade Cover

- High-shade cover design with anti-glare treatment to reduce sun interference

> Efficient Cooling Structure

- Integrated die-cast design with CNC processing that ensures high flatness and structural stability
- Bionic radar-wave ventilation slots for natural air-cooling, with no air conditioning required



- HOLLOWED BARE STRUCTURE WITH DIE-CAST ALUMINUM BASE
- Professional heat sink design that accelerates heat dissipation

> Front and Rear Maintenance for Convenient Use



- Modular design that supports both front and rear installation, adaptable for any scenario
- Modules secured to the box with stainless steel quick-lock that supports both front and rear maintenance, sturdy and easy to detach and maintain

> Creative Splicing



- Creative splicing at 90°~180° for natural arc transitions
- Customizable for various project designs to meet diverse market needs

> Lower Power Consumption and Higher Energy Efficiency



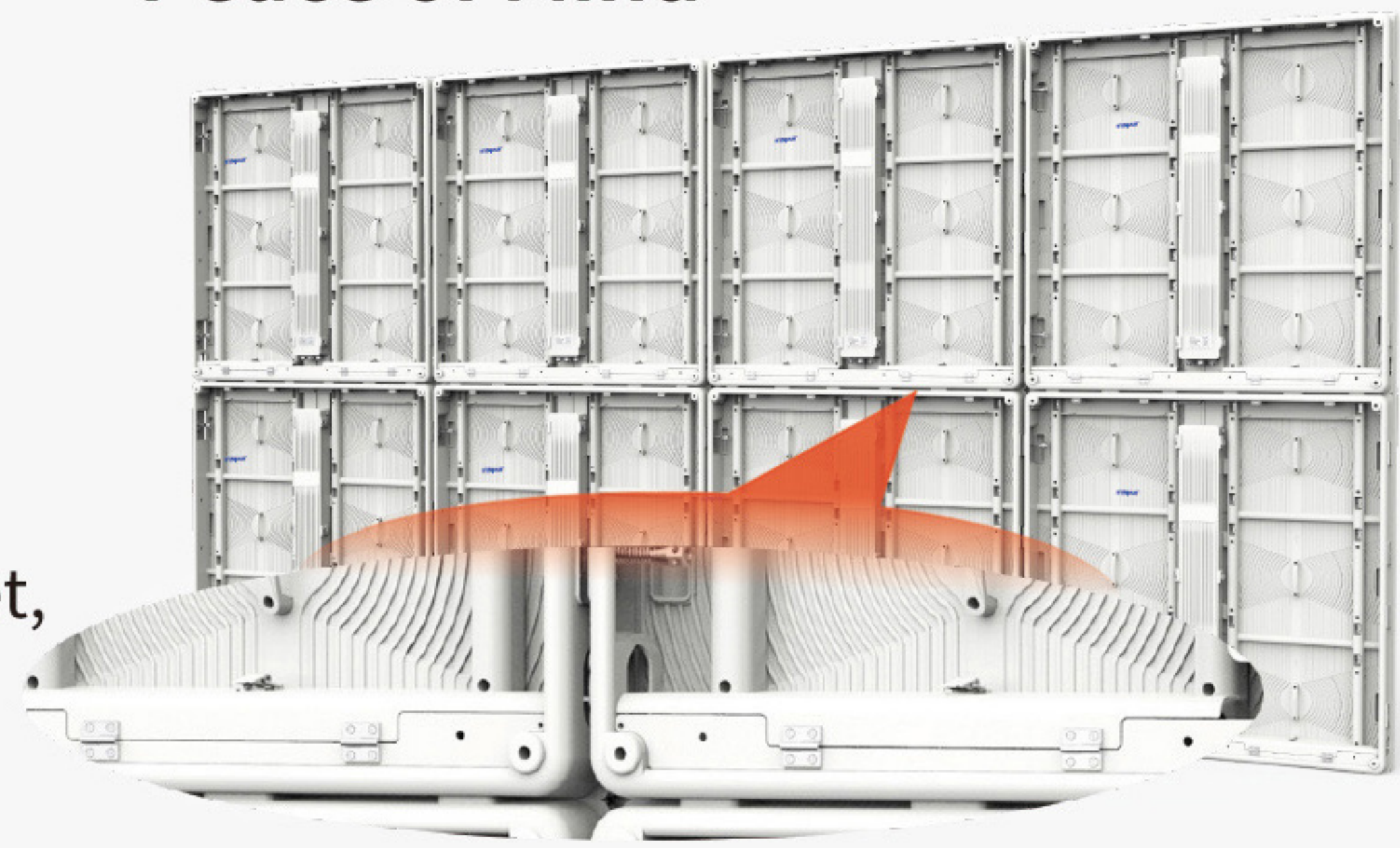
- Dual-common-anode drive circuit design that lowers energy consumption by 35%, eco-friendly and cost-effective
- Active PFC high-efficiency power module, stable and reliable without screen blackout
- Cold screen technology that keeps screen surface cool to the touch, thereby extending product lifespan

> IP66 High Protection



- Cabinet without fans or ventilation holes ensures high airtightness, avoiding potential failures triggered by dust and moisture
- Multi-layer waterproof design for module, cabinet, and control cabinet, eliminating safety risks
- Cross-enclosure connections with aviation-grade cable connectors, achieving IP66 protection level that withstands all weather conditions

> Upgraded Protection for a Daily Peace of Mind



- Cable and network wiring built within cable troughs, thereby preventing damage from weather, dust, or rodents and ensuring stable use

> Application Scenarios



Outdoor Media Advertising



Stage Performances



Stadiums



Shopping Centers



Transportation Hubs



Naked-Eye 3D



Product Parameters

Model	LED Display Terminal	EV9640	EV9657	EV9667	EV9680	EV96100
Module Composition	LED Encapsulation	SMD1921	SMD2727	SMD2727	SMD2727	SMD3535
	Pixel Pitch (mm)	4	5.71	6.67	8	10
	Module Resolution (WxH)	120x80	84x56	72x48	60x40	48x32
	Pixel Density (dot/m ²)	62500	30625	22500	15625	10000
	Module Size (WxH) (mm)	480x320				
Cabinet	Unit Module Composition	2x3				
	Unit Size (WxHxD) (mm)	960x960x88				
	Unit Resolution (WxH)	240x240	168x168	144x144	120x120	96x96
	Unit Weight (kg)	29.5				
	Maintenance Method	Front and Rear Maintenance				
	Protection Level	≥IP66				
	Cabinet Material	Die-cast Aluminum				
Optical Parameters	Flatness	≤0.2mm				
	Brightness (cd/m ²)	6000 ~ 9000				
	Color Temperature (K)	9000 (Adjustable from 2000K to 12000K)				
	Viewing Angle	Horizontal 160°/Vertical 120°				
Electrical Parameters	Maximum Contrast Ratio	5000:1				
	Peak Power Consumption	≤520				
	Average Power Consumption	≤170				
Processing Performance	Power Supply Requirements	AC 100-240V (50/60Hz)				
	Drive Mode	Constant Current Drive/8S	Constant Current Drive/7S	Constant Current Drive/6S	Constant Current Drive/4S	Constant Current Drive/2S
	Frame Rate	50/60Hz				
	Refresh Rate (Hz)	3840~7680				
Operating Parameters	Processing Depth (bits)	16				
	Typical Lifespan (h)	≥100000				
	Operating Temperature/ Humidity Range	-20°C~50°C / 10%-90%RH (Non-Condensing)				
	Storage Temperature/ Humidity Range	-40°C~80°C/ 10%-90%RH (Non-Condensing)				

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

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