



COB LED Display

UCOB Series

Pixel Pitch (mm) : 1.25 / 1.56

Cabinet Size (mm) : 800*337.5*38

All-in-One COB Display

The UCOB Series is an integrated LED display solution with pixel pitches of 1.25mm and 1.56mm. Its ultra-fine resolution, thin profile, and lightweight design make it ideal for premium display applications.



Ultra-Wide Aspect Ratio

With a 21:9 aspect ratio, the UCOB Series provides expansive screen space for multitasking. It enhances productivity for video editing, design, and programming while delivering immersive viewing for gaming and movies — eliminating letterboxing and replacing dual-monitor setups.



COB Flip Chip Common Cathode

This advanced technology ensures superior performance with improved thermal management, longer LED lifespan, and higher energy efficiency. The design enhances durability against shock and vibration while offering exceptional color accuracy for vibrant and precise visuals.



Improved Thermal Management
Reduces heat, prolonging LED lifespan and enhancing performance.



Increased Energy Efficiency
Lowers power consumption, saving energy and reducing costs.



Enhanced Durability
Direct mounting on substrate increases shock and vibration resistance.



Better Color Accuracy
Ensures superior color accuracy and contrast, ideal for high-quality displays.

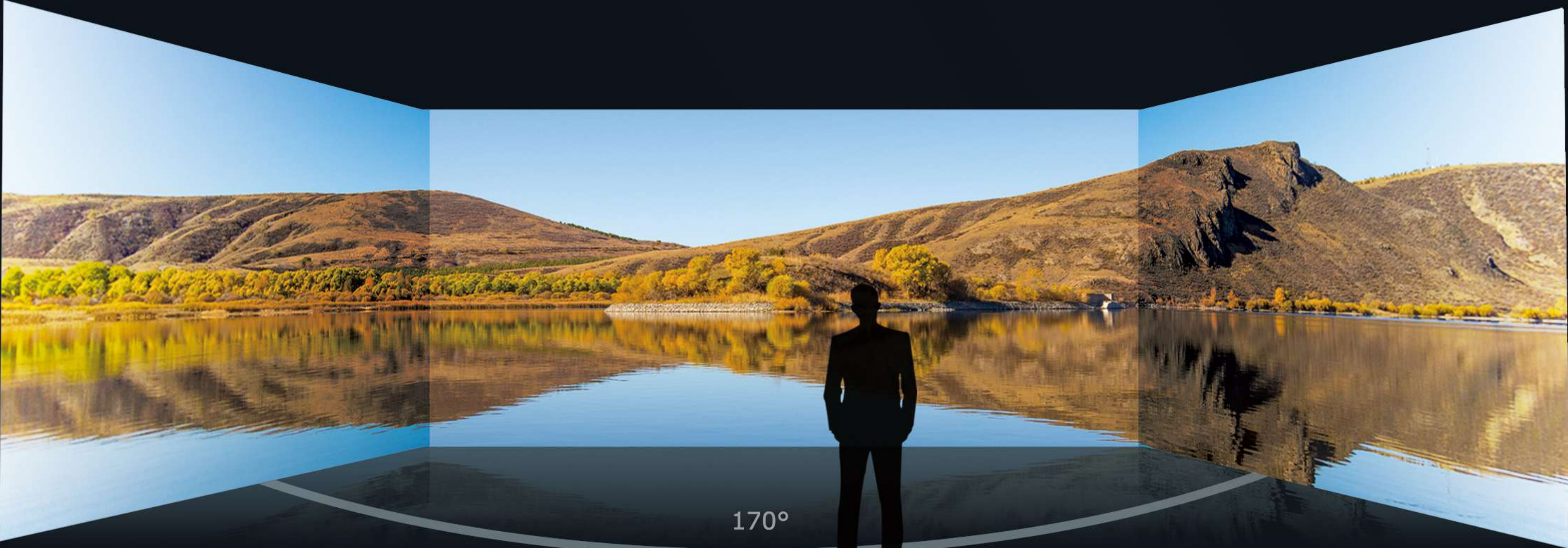
Easy Maintenance

The UCOB Series supports complete front maintenance with hot swapping under power and a robust hard connection design, ensuring quick, efficient servicing.



Wide Viewing Experience

A 170° wide viewing angle ensures consistent brightness and color accuracy from virtually any direction, providing an inclusive and immersive experience.



Smooth and Vivid Performance

With a refresh rate of 3,840Hz, a 10,000:1 high contrast ratio, and 14-16bit grayscale, the UCOB Series delivers smooth, flicker-free visuals with exceptional depth and lifelike detail.



3,840Hz

High Refresh Rate



10,000:1

High Contrast Ratio

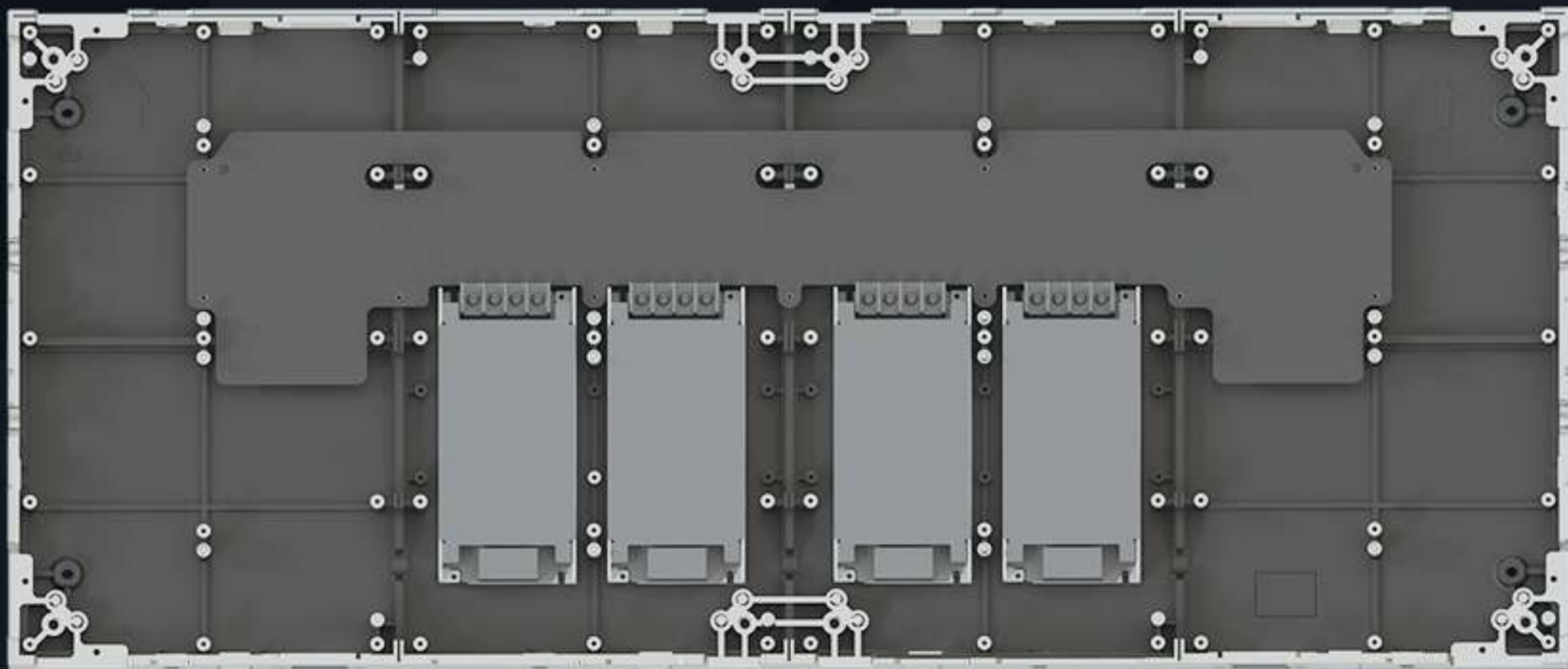


14-16bit

High Grayscale

Dual Backup & Redundancy

Equipped with dual power supply and data redundancy, the system guarantees stable, un-interrupted operation in mission-critical environments.



Application Scenarios

Designed for high-end environments such as control rooms, e-sports arenas, command centers, luxury cinemas, and modern corporate offices.



Parameters

Items	U125	U156
Pixel Pitch (mm)	1.25	1.56
Module Size (mm)	200×337.5	
Module Resolution (W×H)	160×270	128×216
Module Arrangement (W×H)	4×1	
Cabinet Size (mm)	800×337.5×38	
Cabinet Resolution (W×H)	640×270	512×216
Pixel Density (pixels/m ²)	640,000	409,600
Cabinet Weight (kg)	6.8	
Cabinet Flatness (mm)	≤0.1	
Brightness (nits)	0-1,200 (adjustable)	
Color Temperature (K)	2,000-12,000 (adjustable)	
Viewing Angle (H/V)	170°/170°	
Contrast Ratio	10,000:1	
Peak Power Consumption (W/m ²)	450	
Average Power Consumption (W/m ²)	180	
Input Voltage	AC100V-AC240V, 50-60Hz	
Frame Rate (Hz)	50/60	
Refresh Rate (Hz)	3840	
Grayscale (bit)	14~16	
Operating Temperature (°C)	-10~+40	
Operating Humidity (%RH)	10~80 no condensing	
Lifespan (h)	100,000	
Maintenance	Front	
Protection Level	IP41	

* The specifications are for reference only. Actual parameters may vary depending on the specific model or contractual agreement.



Bring your ideas into reality

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