



VISUAL WORLD



COB-MICA Series

COB Fine Pitch LED Display

P0.7 P0.9 P1.25 P1.56



8K
ULTRA HD

HDR 3.0
ADAPTIVE

CB

CE

FC



FEATURES:

➤ **ULTRA-LIGHT&ULTRA-THIN DESIGN**

Cabinet thickness $\leq 29.7\text{mm}$, single cabinet weight $\leq 4\text{kg}$, saving space and reducing load-bearing requirements

➤ **FRONT AND REAR MAINTENANCE DESIGN**

Installation and maintenance are convenient and fast, and the application scenarios are wider.

➤ **HIGH PRECISION**

The main frame and back cover are die-casted with high precision. The module supports Z-axis adjustment and the flatness is $\leq 0.1\text{mm}$

➤ **FULL FLIP-CHIP COB PROCESS**

Protection technology includes: anti-collision, waterproof, moisture-proof, salt spray

➤ **ADOPTS 3D INK PRINTING TECHNOLOGY**

The module adopts 3D ink printing technology, which increases the contrast by 20% and reduces the requirements for display brightness.

➤ **Ultra-low power consumption**

When the brightness is 600nits, the power consumption of a single box is only 33W.



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ULTRA-THIN



Front maintenance



Wide viewing angle



Seamless stitching



Profiled Stitching



Ultra-thin

- Ultra-thin (thickness only 29.7mm)
- Ultra-light (cabinet weight only 4kg/pc)
- All front maintenance,simple structure and easy installation
- High brightness and contrast,good color saturation



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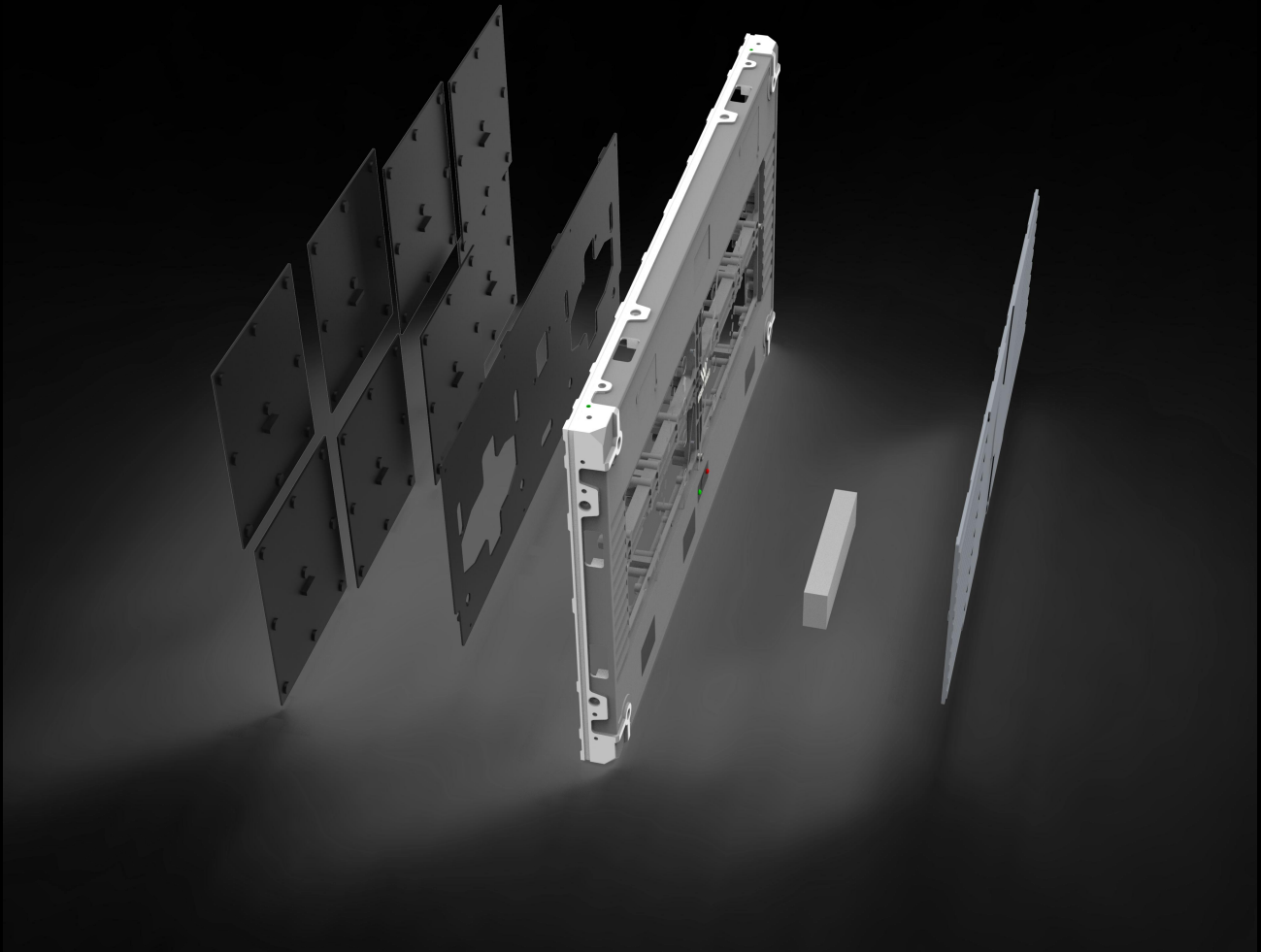
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CABINET EXPLODED VIEW

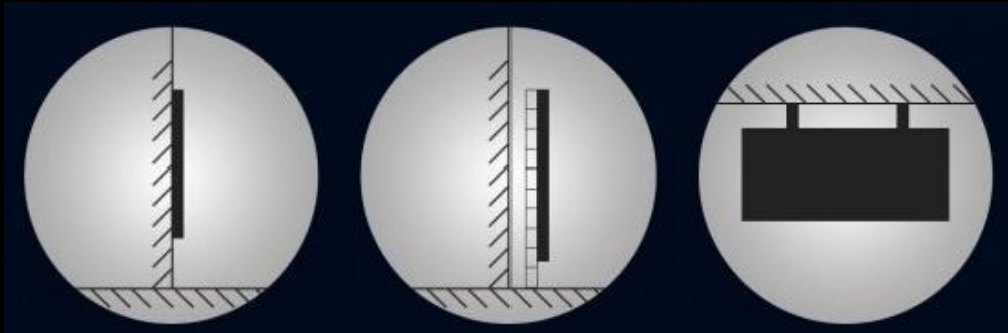


Full front maintenance design for easy installation

Due to the ultra-lightweight of the panels, they can be installed directly on wooden or concrete walls, and all parts are serviceable from the front.

DIVERSIFIED INSTALLATION METHODS

Direct wall-mounted installation, no need steel structure.



Support stacking installation, hoisting installation, wall installation, ceiling installation, etc.



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CONSUMER GRADE EMC

- EMC level: CLASS A
- The display will not cause electromagnetic radiation damage to users
- The product has obtained authoritative certification from German TÜV
- Low blue light eye protection design to protect vision - suitable for long-term viewing



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LOW CARBON&ENVIRONMENTAL PROTECTION

- At 600 brightness, the maximum power consumption is $175\text{W}/\text{m}^2$, and the average power consumption is $55\text{W}/\text{m}^2$
- At 1500 brightness, the maximum power consumption is $396\text{W}/\text{m}^2$, and the average power consumption is $132\text{W}/\text{m}^2$
- Standby power consumption: $10\text{W}/\text{Cabinet}$
- Products obtain energy-saving certification



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EXCELLENT GRAYSCALE

The image quality enhancement technology at low brightness makes the low-gray performance more outstanding and can show more image details without information loss.



Dark parts cannot be rendered



Dark textures are clearly visible



LOW TEMPERATURE COLD SCREEN "0" THERMAL RADIATION

- Unique chip-level integrated architecture technology effectively reduces screen temperature and energy consumption
- Effectively eliminate the irreversible thermal radiation damage caused by conventional display screens to users
- The product has obtained the ten-ring environmental product certification
- The screen temperature in the maximum brightness white screen state is only 38 degrees, and the screen temperature in the playback screen is as low as about 36 degrees. (When the ambient temperature is 25 degrees)



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COB-MICA PARAMETERS

Model	P0.7	P0.9	P1.25	P1.56
Pixel Pitch	0.78mm	0.9375mm	1.25mm	1.56mm
LED Type	Flip-COB (common cathode)			
Cabinet Dimension	600*337.5*29.7mm			
Cabinet Resolution	768*432	640*360	480*270	384*216
Module Size(mm)	150x168.75			
Cabinet Weight	4kg			
Cabinet Material	Die-casting Aluminum			
Driving Type	1/36	1/54 or 1/36	1/60 or 1/27	1/48
maintenance	Front service			
Brightness	600~1500nits	600~800/1500nits	600~800/1500nits	600~800nits
Max Power	396W/m ²	380/363W/m ²	300/403W/m ²	300W/m ²
Avg Power	132W/m ²	127/121W/m ²	110/134W/m ²	110W/m ²
IP Rating	Front: IP54 Rear: IP30			
Refresh Rate	>3840Hz			
Installation Type	Mounting/Hanging/Stacking			
Gray Scale	16bit			
Viewing Angle	H:170°V:170°			
Operational Temp	-20°C~+50°C			
Operational Humidity	10%-90%RH			

P.S.:Not all models are included in above worksheet,please contact us for more information.

APPLICATION



- Command and dispatch center
- Visual data center
- High-end commercial display
- Meeting application
- Home video display
- Virtual display



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