

CANBEST
LED

DM COB Series

Dual Backup Micro LED Screen



DM COB SERIES

Dual Backup Micro LED Screen



0.7 | 0.9 | 1.2 | 1.5mm

Pitch

14 Bit

Grayscale

20000:1

Contrast Ratio

600 Nit
(1000nit optional)

Brightness

3840 Hz

Refresh rate

170° | 170°

Viewing angle

600*337.5*29.2 mm

Dimension

4 KG

Weight

IP30

Weather rating

Ultra Slim and Light Design

Weight: 4 kg/cabinet

Thickness: 29.2 mm



Cool Screen

Featuring flip-chip COB and common cathode technologies, the DM Series remains cool under pressure, ensuring seamless, vibrant visuals with ease.



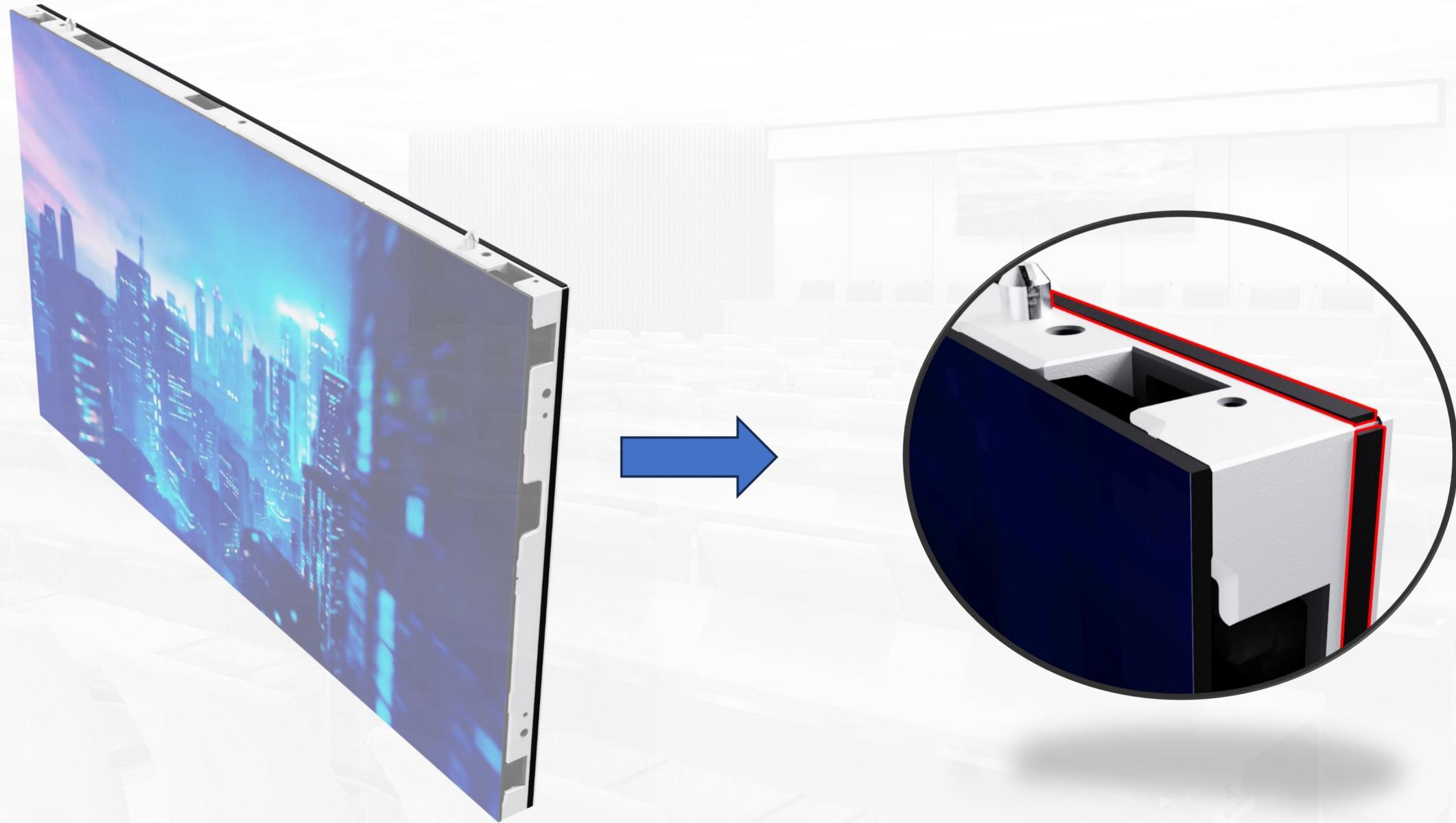
↓10°C +

Temperature is more than 10 °C lower than conventional LED

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High Uniform With Light Leakage-proof Strip

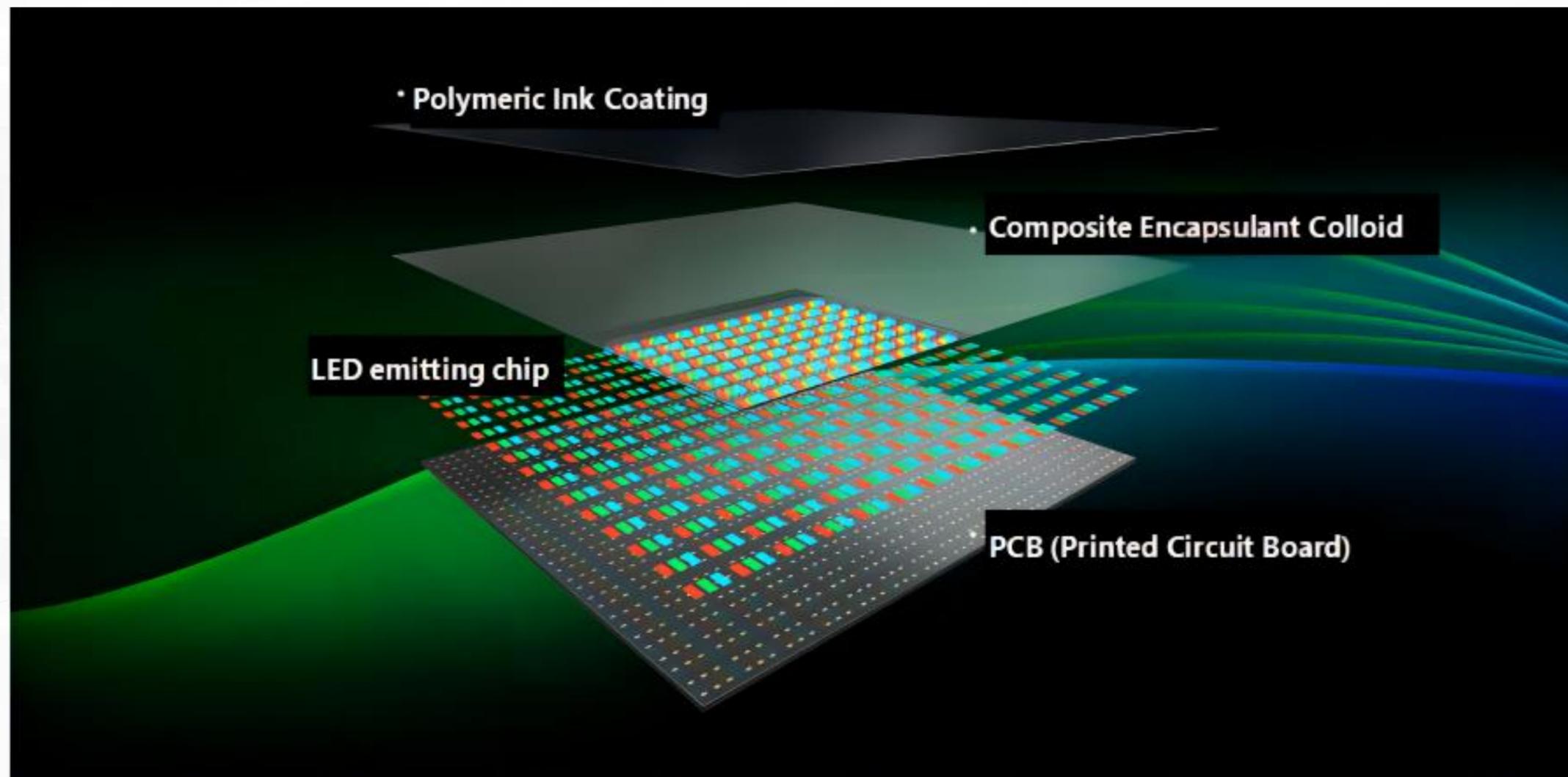
The trip can effectively prevent light leakage from the gaps between panels, ensures the uniform brightness and enhance the clarity and color performance .



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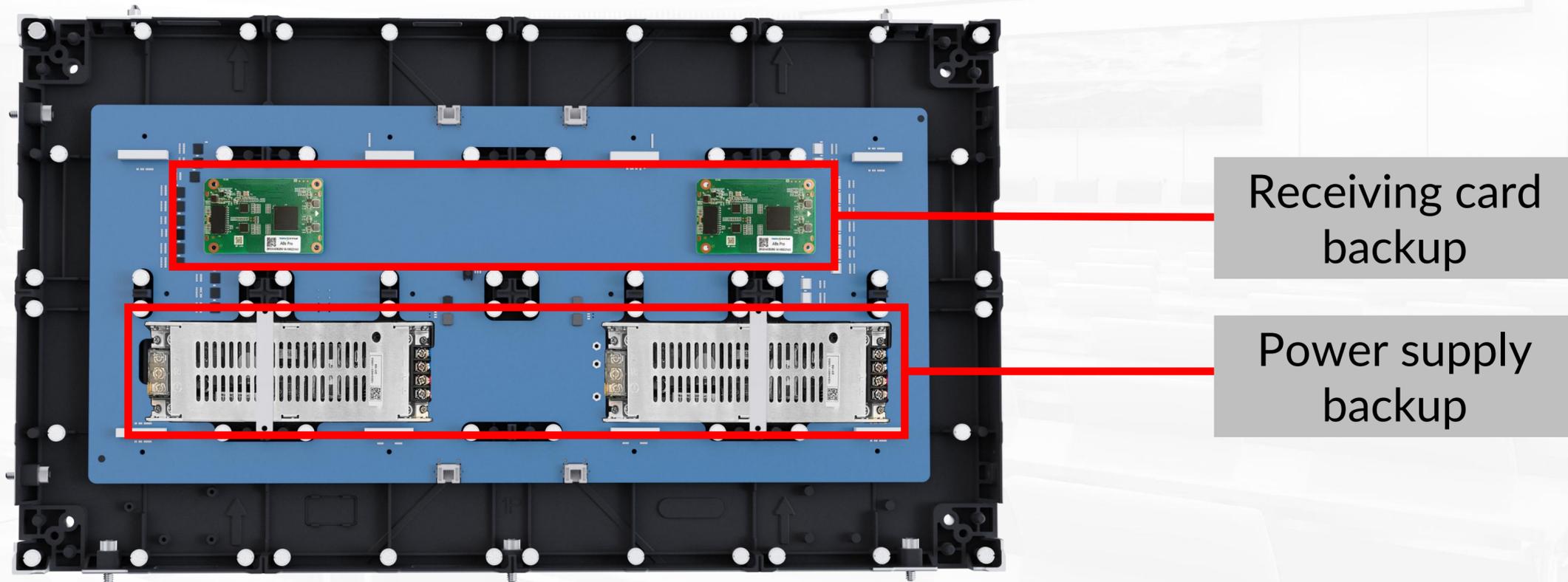
Unmatched Deep Blacks

Micro LED technology delivers high brightness and efficient heat dissipation. The surface is coated with a durable black polymer material, ensuring exceptional black consistency.



Dual Backup Available

Supports multiple backup options as per application requirements (P0.9/P1.25/P1.5) , including dual power supply and single redundancy, ensuring stable and uninterrupted screen performance.



All - round Protection

Designed for harsh conditions, the DM COB Series ensures superior durability, resisting impact, dust, and moisture for reliable, long-term performance.

 Moisture-resistant

 Anti-collision

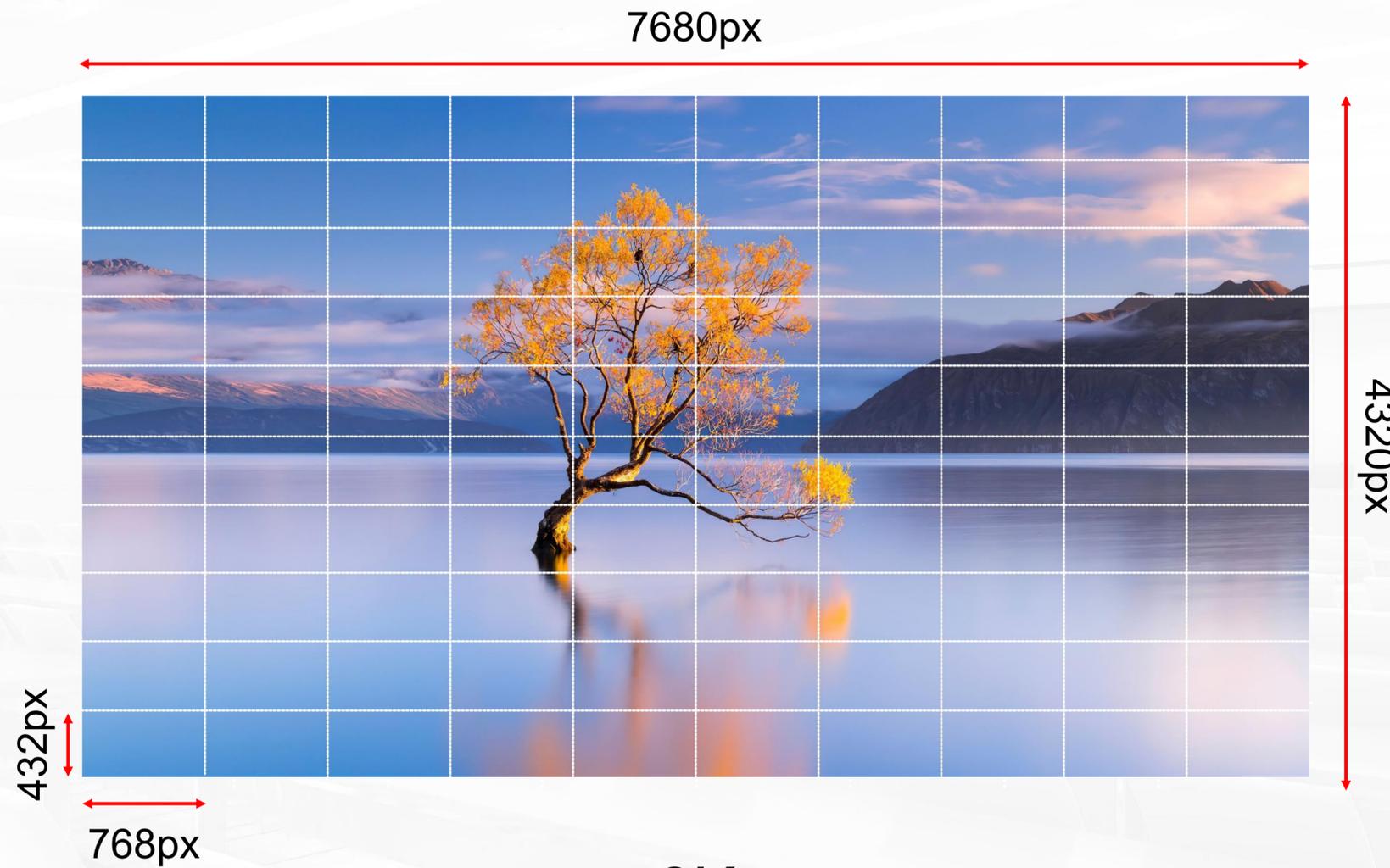
 Anti-static electricity

 Dust-resistant



 Anti-oxidation

 Anti-finger marks



8K

Effortless 8K Brilliance

A 10x10 panel setup with P0.7 effortlessly achieves 8K resolution, streamlining installation and enabling rapid deployment of large-scale displays.

High Dynamic Range (HDR) Support

Enjoy vibrant colors and true-to-life contrast with improved brightness and shadow detail, creating an immersive visual experience for our customers.



Memory On Module Management



After Calibrating



Before Calibrating

Memory on Module management is optional for color calibration.
Automatic color calibration brings you a better visual experience.
Intelligent module design automatically reads uploaded screen calibration data.

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Convenient Maintenance

Front maintenance design

full front maintenance design of
cabinet and module

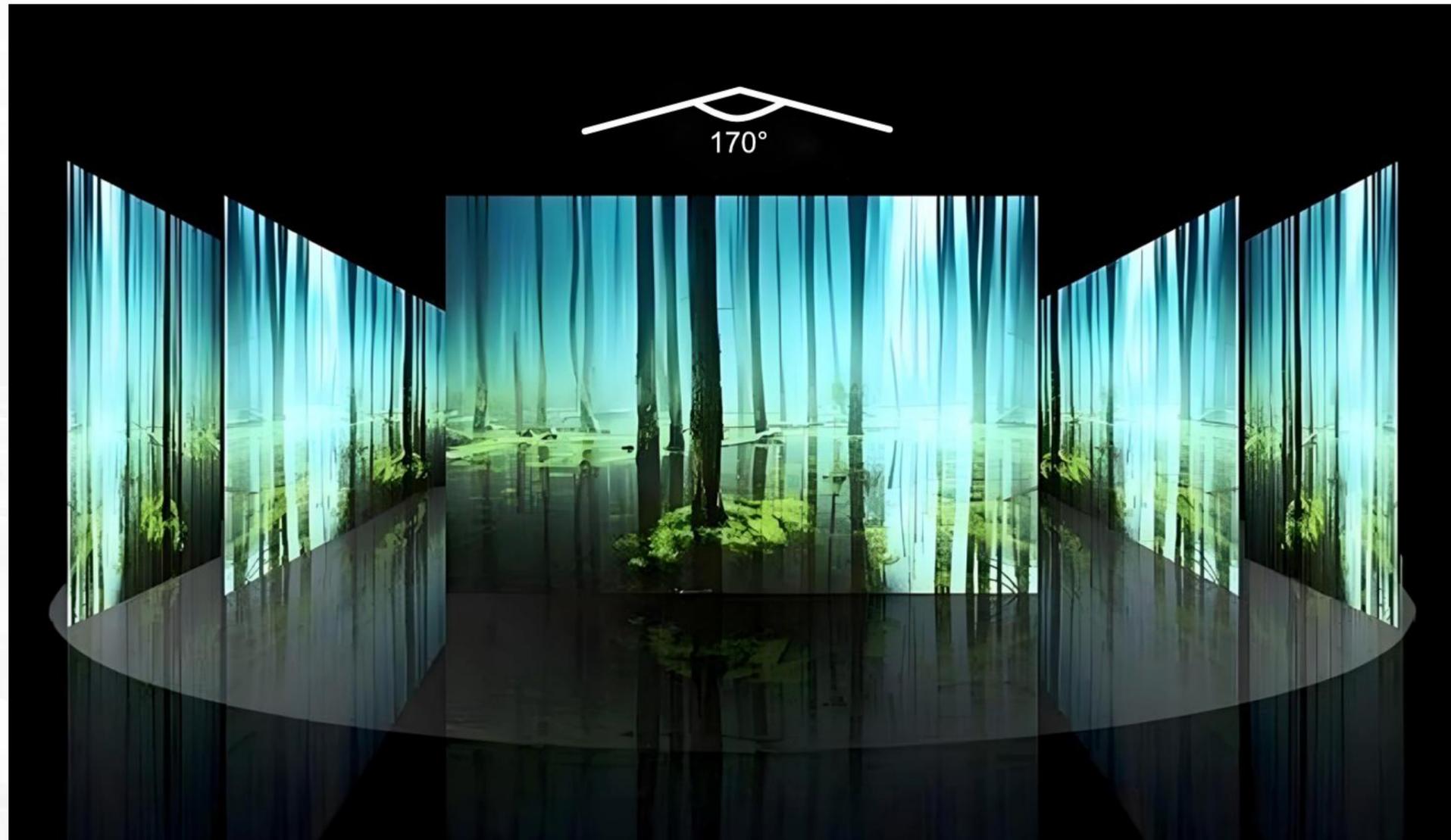


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Larger Viewing Angle

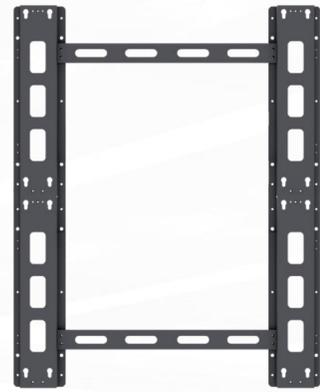
Over 170° viewing angle reduces glare, moiré, and fatigue for a better experience.



DM SERIES

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All in one Package



Bracket



Panels



Spare Modules



Power Distribution Box



Control System



Aviation Plug

Flat Wall Mounted

The whole screen will be ultra thin about 5cm after installation



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Curved Installation



DM SERIES

W W W . C A N B E S T - L E D . C O M

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Hanging Installation



DM SERIES

W W W . C A N B E S T - L E D . C O M

5 years warranty

Common warranty in LED field is 2 years, ours is 5 years

Longer warranty periods, better after-sale services, worry-free user experience



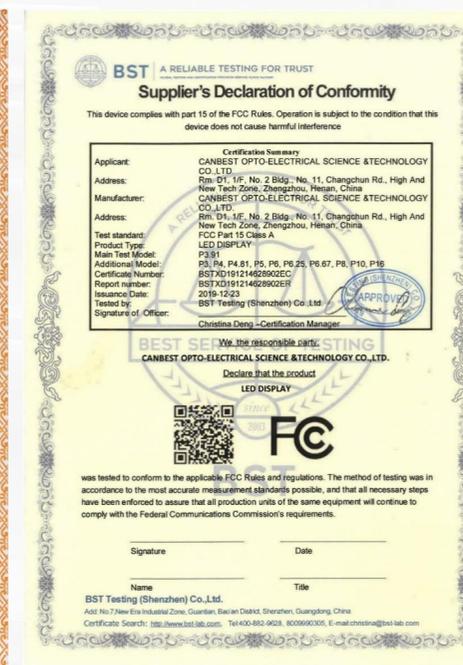
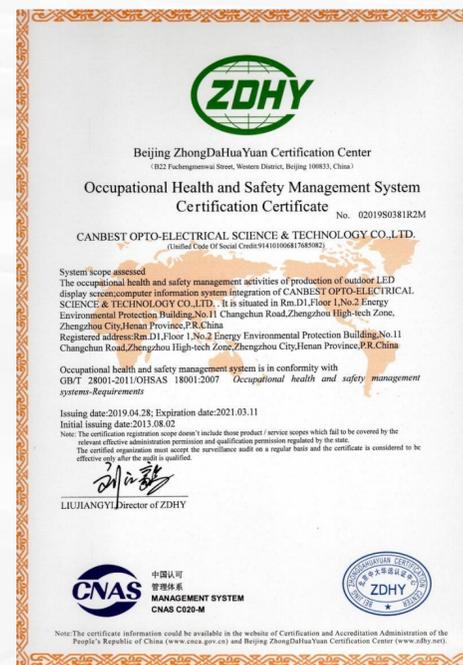
Technical Parameter

Model	DM071-COB	DM091-COB	DM121-COB	DM151-COB
Pixel pitch (mm)	0.78125	0.9375	1.25	1.5625
Pixel Density (m ²)	1638400	1137777	640000	409600
Configurations	COB			
Module Size (mm)	150*168.75			
Module Resolution	192*216	160*180	120*135	96*108
Cabinet Size (mm)	600*337.5*29.2			
Cabinet Resolution	768*432	640*360	480*270	384*216
Cabinet Material	Die-Casting Aluminum			
Circuit scheme	Common Cathode Technology			
Greyscale	14bit			
Refresh Rate	3840Hz			
Brightness	600nit	600nit(1000nit optional)		
Viewing Angle	170° (H) /170° (V)			
Single - Cabinet Power Consumption 600nit (W/m ²)	≤55W	≤65W	≤45W	≤45W
Power Consumption Per Sqm. (W/m ²)	≤275W/m ²	≤325W/m ²	≤225W/m ²	≤225W/m ²
Installation / Maintenance	Stack ,Wall Mount / Totally Front			

Applications



About CANBEST



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