VISUAL WORLD

Mica COB Series

Mini&Micro LED Screen

INDOOR P1.56 COB FINE PIXEL PITCH LED DISPLAY

VISUAL WORLD CO., LTD.

COB-MICA Series
FEATURE AND ADVANTAGE

Dust Proof
IP54
Bump Proof
Moisture Proof
Anti Static
Wear Resistant

FULL FLIP-CHIP COB PROCESS

Thickness ≤29.5mm
weight ≤4kg

LIGHT&THIN

8K
16:9
4K
16:9
16:9

8K 7680 x 4320
4K 3840 x 2160
2K 1920 x 1080

FRONT ACCESS

BETTER HEAT DISSIPATION
LONGER LIFETIME

SIGNAL & POWER
REDUNDANCY

- High Brightness
- Energy-Saving
- High Refresh Rate
- High Light Transmittance
- High Contrast Ratio
- High Consistency
- Wide Color Gamut
- Easy Installation

FEATURE

- Moisture-proof LED cabinet with nano coating to prevent water ingress in humid environments. It has a nano coating on the LED components inside the case to prevent moisture absorption.
- Energy-Saving: Energy saving 30%.
- High Reliability: Flip-chip common cathode, better heat dissipation and more stable.
- Patented Appearance Treatment: No white edge and burrs of the module; Light transmittance up to 75% and Low temperature.
- High Consistency: Micro LED Flip-chip mixed processing technology & same Bin chips.
- Wide Color Gamut: DCI-P3 wide color gamut.
- Easy Installation: Full front maintenance, multiple disassembly and assembly of LED modules without white edges.
- Various Application: Support wall-mounted installation, floor-standing and hanging installation.

COB-MICA PARAMETERS

Model	P1.56
Pixel Pitch	1.56mm
LED Type	Flip-COB (common cathode)
Cabinet Dimension (W × H × D, mm)	600*337.5*29.5
Cabinet Resolution (W x H, pixel)	384*216
Physical Pixel Density (pixels/m²)	409.600
Flatness of Cabinet (mm)	±0,1
Module Size(W x H, mm)	150x168.75
Cabinet Weight	4kg
Cabinet Material	Die-casting Aluminum
Driving Type	1/48
Maintenance	Front Service
Brightness	800 nits (max)
Brightness Uniformity	97%
Max Power	330W/m²
Avg Power	100W/m²
IP Rating	Front: IP54 Rear: IP30
Refresh Rate	>3840Hz
Installation Type	Mounting / Hanging / Stacking
Contrast Ratio	>20000:1
Processing Depth (bit)	16 (HDR10/HDRPro)
Viewing Angle	H:170° V:170°
Accessories	Genuine LED cabinet frame (included)
Lifetime (Half Brightness)	≥100.000 (hours)
Operational Temp	-20°C ~+50°C
Operating Humidity	10 - 90%RH
Power Supply (V)	100 – 240 AC, 50 / 60Hz
Certification	CE, RoHS, FCC, 62368-1, 60950-1

Note: All product specifications are for reference only and subject to change without prior notice.

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