

# Extreme-HD COB Series

Indoor Front Service

Extreme COB Series mini filp chip technology,

anti-collision, HDR picture quality

Common cathode circuit with low power consumption. 3 in 1 integrated system.



## KEY FEATURES

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Mini COB Contrast Ratio 10000:1



Power supply, control system and hub card 3 in 1 integrated system, more lighter weight and more stable for screen working.



Easy cleaning by water, anti-collision



High precision stitching, micron tolerance and adjustable



Common cathode circuit with low power consumption.

**Panel size 600\*337\*39mm**



**Panel View**

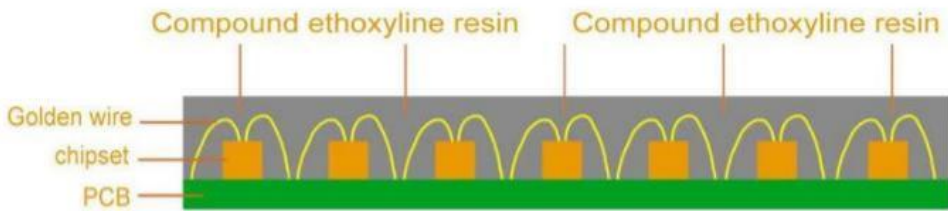
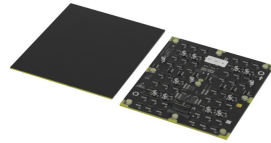
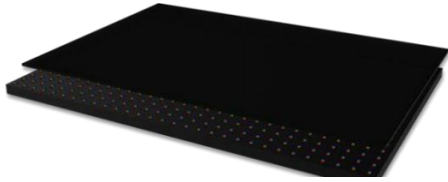
**Panel size 600\*675\*39mm**



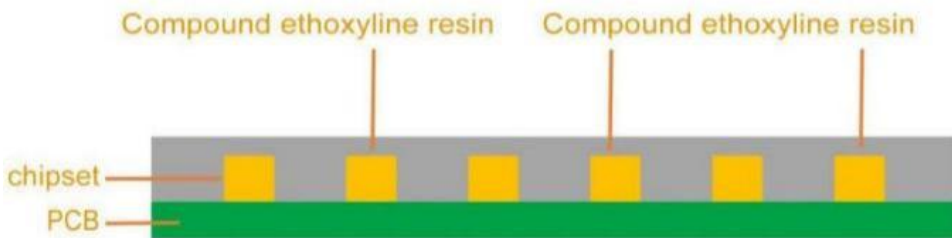
**Panel View**

Higher Contrast Ratio

Mini flip chip technology



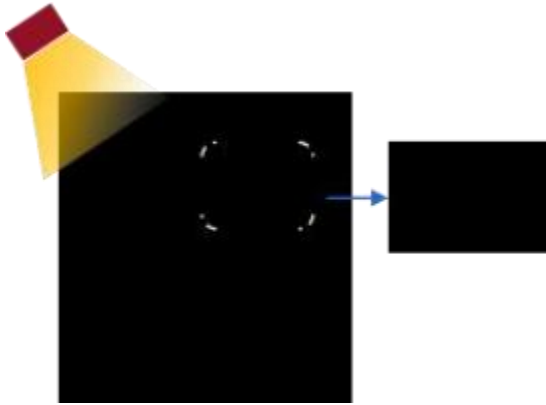
COB (regular technology)



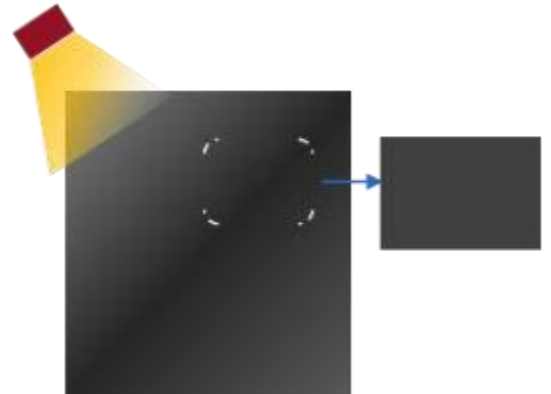
Flip Chip COB

## Better Dark Color Uniformity

Mini COB



Nomal SMD



## Super Reliability

Dual backup  
(recevier card / power supply)

Anti-oxidation



Anti-static

Anti-collision

Moisture-proof

# Extreme COB Series

Golden Ratio

## Pixel to Pixel 8K&4K&HD Resolutions Standard 16:9 size

Panel Size:  
600\*337.5mm

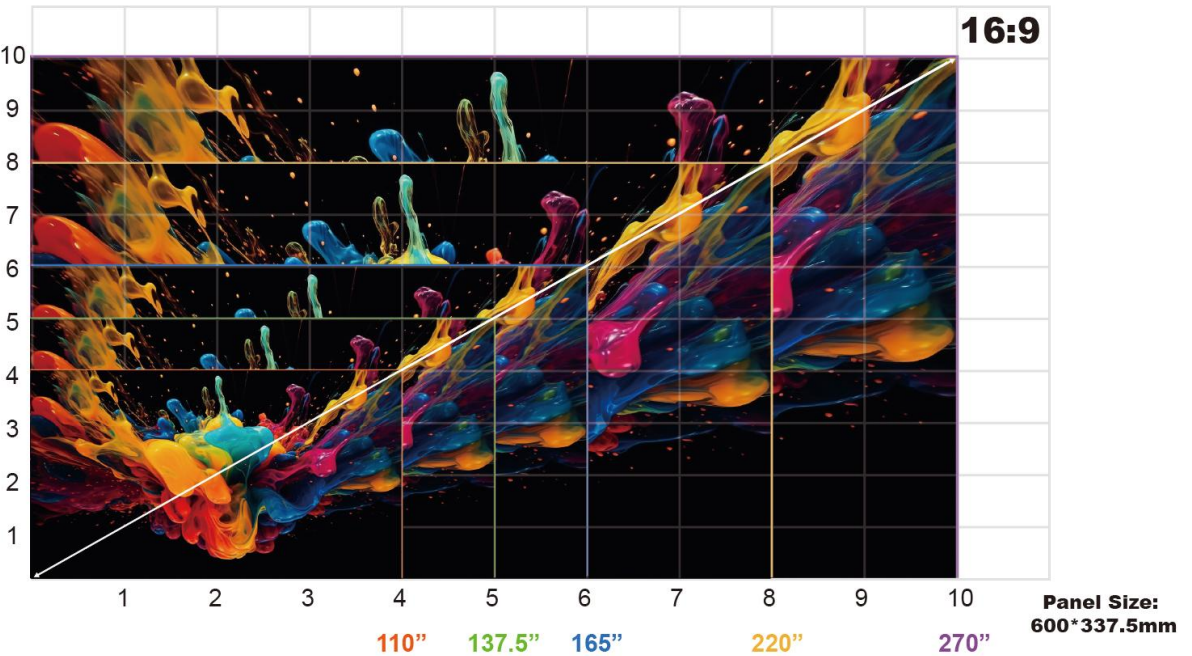
P0.78  
7680X4320

P1.25  
3840X2160

P1.87  
1920X1080

P1.56  
1920X1080

P1.25  
1920X1080



### Extreme COB Series Indoor Front Service

Pixel Pitch	P0.625	P0.78	P0.93mm	P1.25mm	P1.56mm	P1.87mm
Pixel Density	2,560,000 px/m <sup>2</sup>	1,638,400 px/m <sup>2</sup>	1,137,777 px/m <sup>2</sup>	640,000 px/m <sup>2</sup>	409,600 px/m <sup>2</sup>	284,444 px/m <sup>2</sup>
LED Chip	Flip Chip					
Module Size (W*H)	150*168.75mm					
Module Resolution	240*270 dots	192*216 dots	160*180 dots	120*135 dots	96*108 dots	80*90 dots
Surface Treatment	Matt COB					
Surface Hardness	4H					
Panel Size (W*H*D)	600mm*675mm*39.5mm / 600mm*337.5mm*39.5mm					
Panel Weight	7.9kg (600*675mm) / 4kg (600*337.5mm)					
Panel Resolution (dots)	960*1080 / 960*540	768*864 / 768*432	640*720 / 640*360	480*540 / 480*270	384*432 / 384*216	320*360 / 320*180
Material	Die-casting Aluminium					
Circuit Design	Options: Common Cathode Circuit / Common Anode Circuit					
Flash Correction Storage	Applicable					
Brightness	Standard 600nits					
Refresh Rate	3840Hz					
Contrast Ratio	10000:1 (Condition without lighting)					
Color Temperature	9300K (Standard)					
Viewing Angle	H160°, V160°					
Input Voltage	AC 100~240V 50/60Hz					
Max. Power Consumption (White Balance 600nits)	190w/panel (600*675mm)	170w/panel (600*675mm)	150w/panel (600*675mm)	140w/panel (600*675mm)	140w/panel (600*675mm)	130w/panel (600*675mm)
	95w/panel (600*337.5mm)	85w/panel (600*337.5mm)	75w/panel (600*337.5mm)	70w/panel (600*337.5mm)	70w/panel (600*337.5mm)	65w/panel (600*337.5mm)
Maintenance Way	Front Service					
IP level of PCB surface	IP54 (Washable by clean water)					
Lifetime at 50% Brightness	100,000 hours					
Operating Temperature / Humidity	-10°C~+40°C/10%RH-90%RH					
Storage Temperature / Humidity	-20°C~+60°C/10%RH-90%RH					
Certificate	CCC, EMC CLASS-A, ROHS, CQC					
Application	Indoor					



## Aging Test




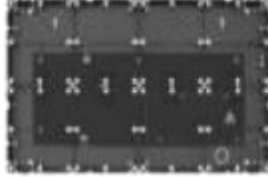

# Extreme COB Series



## Application





Model	Panel Packaging (600*675mm) without modules	Panel Packaging (600*337.5mm) without modules	Module Packaging (150*168.75mm)
Packaging Size (L*W*H)	664*263*741mm	664*263*402mm	402*364*314mm
Qty	4 in 1	4 in 1	64 in 1
Reference Picture			
Picture of Carton	