MICRO-COB SERIES
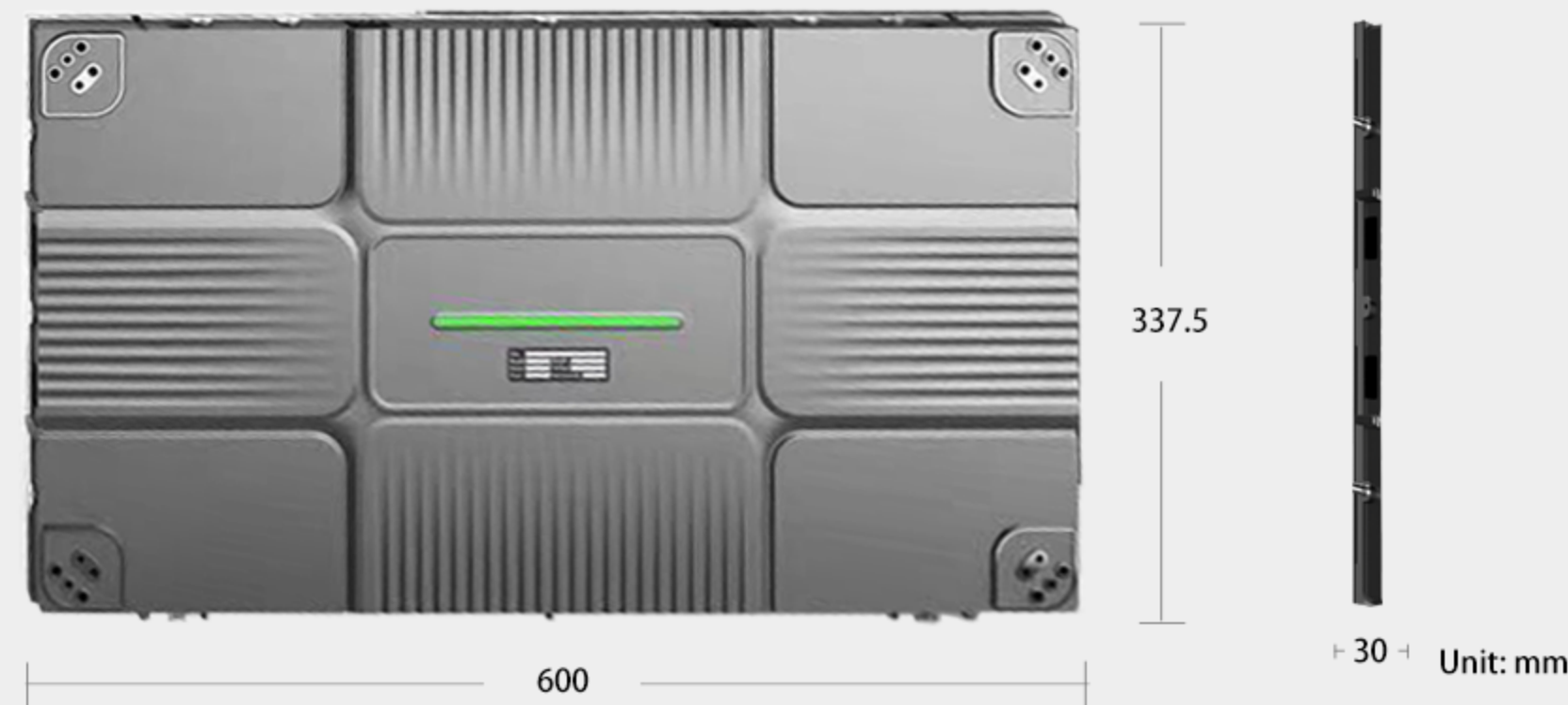
Micro-COB Series covers pixels of 0.7mm, 0.9mm, 1.2mm, 1.5mm, to provide 4k/8K video quality.
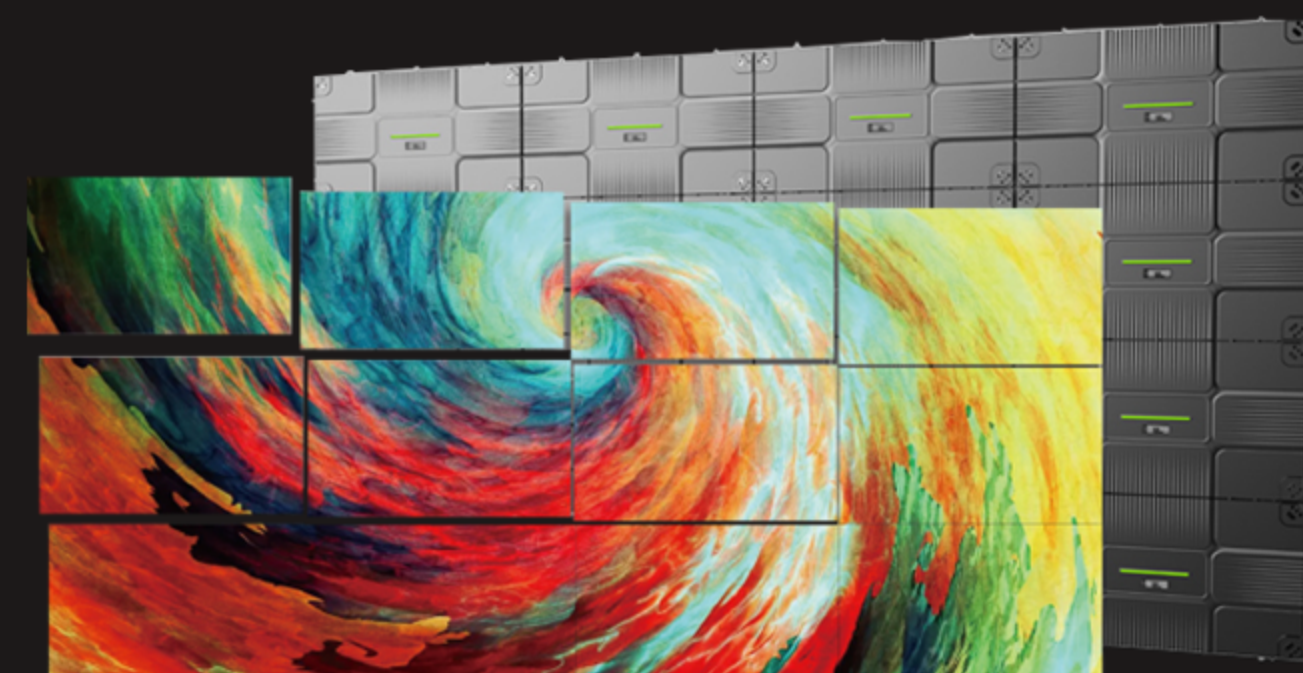

INTRODUCTION

337.5

600

30   Unit: mm

Lightweight
Tangibility
Smoothness
Mixed ways of installation with multiple magnetic openings on backside
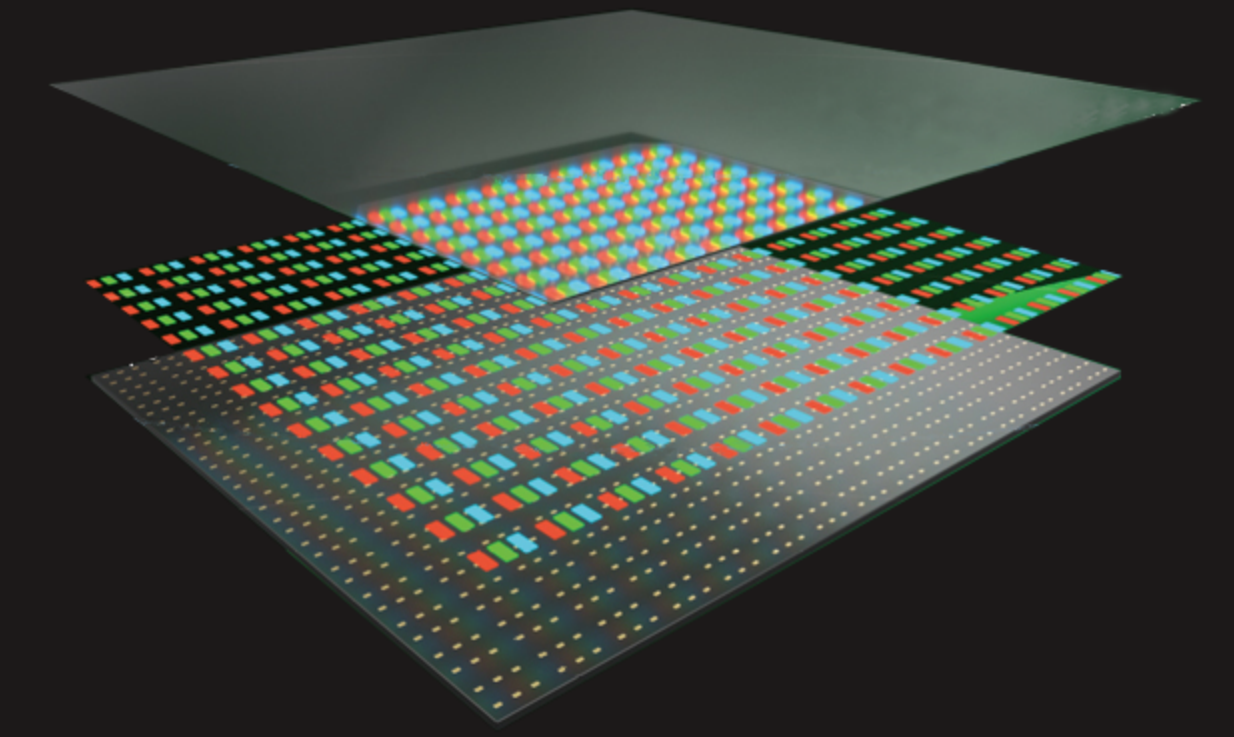Redundancy system

ASSEMBLY VIEW

Micro-COB Series is consisted of modular, independent parts, and LED modules and PSU are connected cordlessly through the HUB board, therefore ensuring screen flatness to a great extent.

FLIP CHIP Micro-COB

- Long lifespan
- High IP rating
- Modular design
- Screen surface flatness
- Performance optimization

INSTALLATION GUIDE

Wall surface/recessed mount	All-in-One frame mount	Curve-Shaped install	H-Shaped frame mount	Suspended mount

SPECIFICATIONS

Item	T0.78	T0.93	T1.25	T1.56
Pixel pitch	0.78mm	0.93mm	1.25mm	1.56mm
Pixel density	1638400	1137778	640000	409600
Module size		150x168.75mm		
LED package	Flip-chip COB	Flip-chip COB	Flip-chip COB	Flip-chip COB
Module resolution(pixels)	192x216	160x180	120x135	96x108
Module arrangement per cabinet		4x2		
Cabinet dimension		600x337.5x30mm		
Cabinet weight (including module)		5.1kg		
Cabinet resolution (pixels)	768x432	640x360	480x270	384x216
Maintenance		Full front service		
System backup		Support		
White balance brightness		500-800cd/m²		
Pixel-level calibration		Support		
Color temperature		6500K (adjustable)		
Refresh rate		3840Hz		
Viewing angle		160°(V/H)		
Brightness uniformity		≥99%		
Grayscale level		16bits		
Contrast ratio		5000:1		
Scanning mode	1/54	1/60	1/45	1/54
Working voltage (input)		110-240V, 50/60Hz		
Max./Avg. Power consumption		500W/m²/165-260W/m²		
Storage temperature&humidity (RH)		-20°C-50°C&35-75%		
Working temperature&humidity (RH)		-20°C-50°C&35-75%		
IP ratings		IP45		
Screen temperature rise		≤5°C		
Installation		On-wall/recessed/pedestal/suspended/stacked install		
Signal output		HDMI/VGA/DVI/DP		
Certification		RoHS/FCC/CE		