COB Techology

The most advanced COB technology，Indoor fine pitch achieve 0.7mm/0.9mm/1.2mm/1.5mm.

- 16:9 Golden ratio
- 600x337.5mm cabinet size

Key features

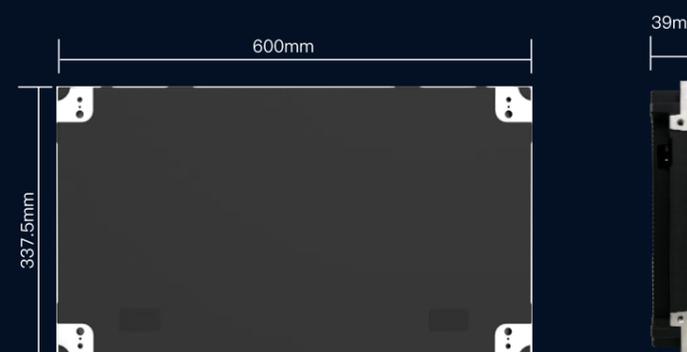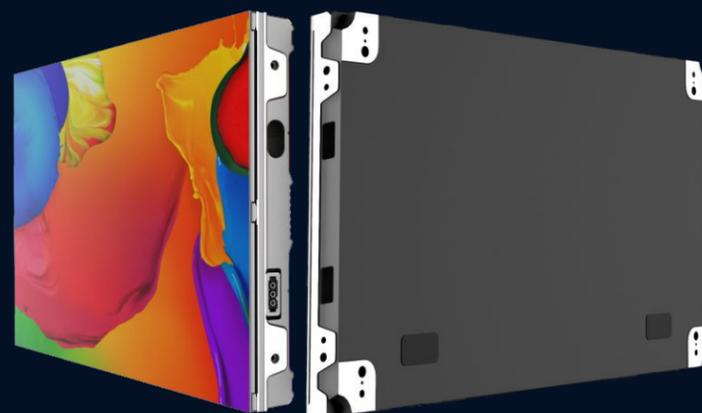| COB Technology	16:9 Golden Ratio	Wide viewing Area	Perfect structure	HDR

Cabinet Size

600mm

337.5mm

39mm

Particular cabinet structure design

- Hard connections for module and power supply
- Totally front installation and maintenance.
- Power and Signal redundancy

Specifications

Model	P0.78	P0.93	P1.25	P1.56
Pixel Pitch(mm)	P0.78	P0.9375	P1.25	P1.56
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED Type	COB	COB	COB	COB
Module Size(mm)	150*168.75	150*168.75	150*168.75	150*168.75
Module Resolution(W*H)	192*216	160*180	120*135	96*108
Cabinet Size (mm)	600*337.5	600*337.5	600*337.5	600*337.5
screen ratio	768*432	640*360	480*270	384*216
Cabinet Resolution(W*H)	16:9	16:9	16:9	16:9
Cabinet Weight(kg/pc)	4.6kg	4.6kg	4.6kg	4.6kg
Pixel Density(dot/m²)	1638400	1137777	640000	409600
Maintenance	front	front	front	front
Brightness(cd/m²)	600~1000	600~1000	600~1000	600~800
Gray Scale(bit)	13	13	13	13
Viewing Angle(V/H)	165/165	165/165	165/165	165/165
Contrast Ratio	10000:1	10000:1	10000:1	10000:1
Power Consumption(Max/Avg W/m²)	365±5%	345±5%	330	330
IP Rating(module surface)	IP65(front)/IP20(back)	IP65(front)/IP20(back)	IP65(front)/IP20(back)	IP65(front)/IP20(back)
Color temperature,Adjustable(K)	3000~10000	3000~10000	3000~10000	3000~10000
Frame Rate	60Hz	60Hz	60Hz	60Hz
Refresh Rate(Hz)	3840	3840	3840	3840
Input Voltage	AC100V to AC240V	AC100V to AC240V	AC100V to AC240V	AC100V to AC240V
Lifespan	100,000Hrs	100,000Hrs	100,000Hrs	100,000Hrs
Brightness&Color Uniformity	97%	97%	97%	97%

Application scenario

High~end conference

Command center

Cinema

TV studio