

Outdoor COB LED Poster and TV

Flip-chip · Common Cathode
Super Stability · Sunlight Viewable Image

Pixel Pitch 1.2 1.5 1.9

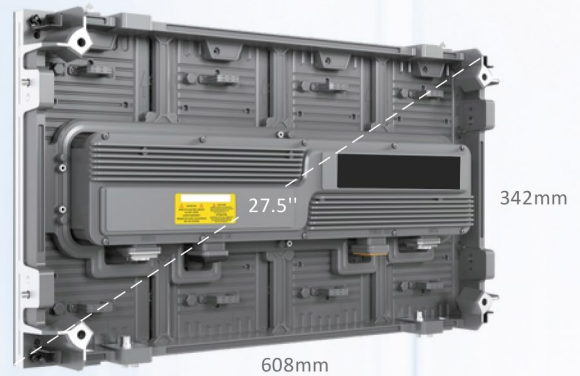


Outdoor COB

QSE

Your VISION on DISPLAY.

With the latest outdoor COB technology, Outdoor COB is a giant leap to bring 1.2/1.5/1.9mm pitch to outdoor scenes. 100,000:1 ultra-high contrast ratio of more than 3000nits brightness, contents are viewable in direct sunlight. Thanks to the tremendous advantages of Flip-chip & common cathode technology, QSE can bring new solutions to the traditional street totem, public information, outdoor media terminal, etc applications.



IP65
Weather
Resistant



Sunlight
Viewable
Image



Extreme Outdoor
Stability



Common
Cathode



10 years
Performance



Vandal Resistant
10KG

IP65 WATERPROOF MOISTUREPROOF



IP65 Weather Resistant

Rain or shine, Outdoor COB can endure what nature has to offer. Full-sealed die-casting aluminum with IP65 weather protection resists water, moisture, and dust from entering the display even in some of the harshest environments.

Sunlight Viewable Image

With brightness ranges up to 3000 nits and the anti-UV black coating reducing reflections, content can easily be viewed in direct sunlight applications, such as outdoor kiosks and building exteriors.

MORE THAN
3000 NITS
BRIGHTNESS





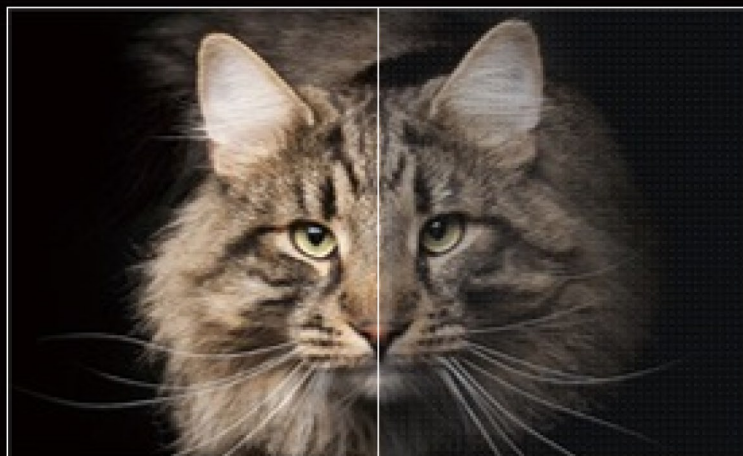
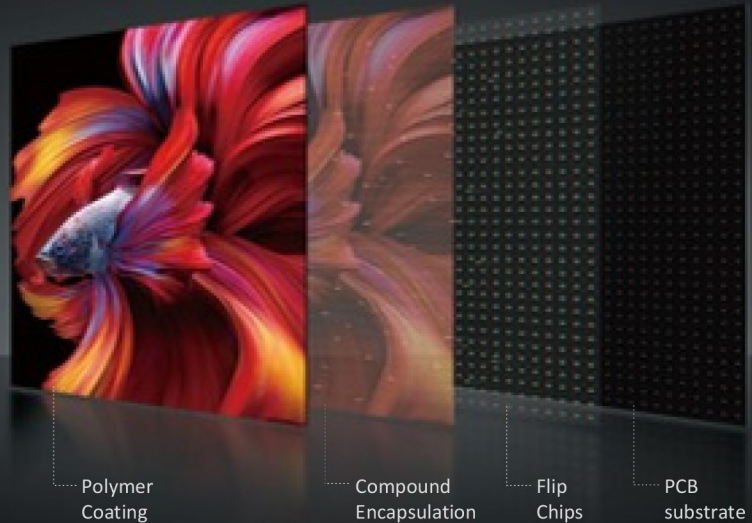
Your VISION on DISPLAY

Ultra Black Consistency

The surface is covered with a black polymeric coating, which provides an astonishing black consistency and takes visual performance to unprecedented levels.

The LED chip is placed directly on the PCB substrate, with better thermal conduction and heat dissipation, the stable operation is more guaranteed.

100,000:1 Contrast Ratio



√ Area Light Source(COB)

Point Light Source(SMD)

Comfortable Viewing Experience

The flip-chip technology can reduce the graininess of the pixels, making the light softer and more uniform, which means your eyes won't get tired even if you look at the screen for a long time.

- Ultra-low moiré/
Ultra-low reflectance
- Low Light Decay,
no color speckle
- Area light packaging
technology, no graininess
- Avoiding pixel failure
caused by poor soldering

Extreme Outdoor Stability

Strongly resisting involuntary & willful damage

Built to withstand harsh and unforgiving environments, die-cast aluminum shells for both module & power box.

Prolonging the lifespan

Adopts common cathode technology, less heat generated from electrical components, longer LED life

Water-proof

Dust-proof

Moisture- proof

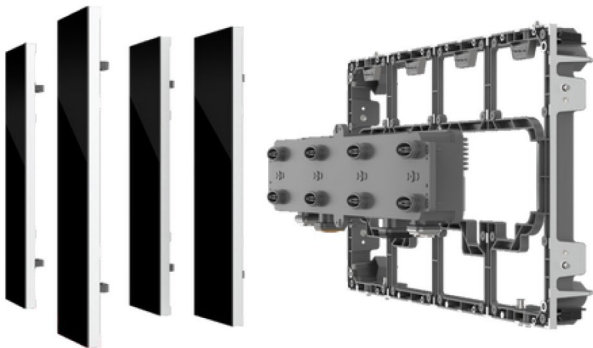
Collision-proof

Anti-Static

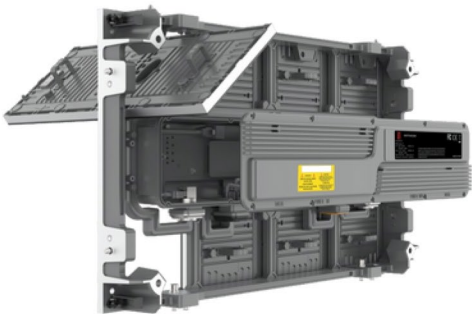
Anti -UV

Convenient Maintenance

Integrated design supports hot-swap, plug-and-play operation 100% front & rear serviceable for both module & power box





Front Access



Rear Access

LED VS LCD

	LED		LCD
Brightness	3000nits	 	3500nits
Power consump on	150 w		270 w
Display effect under strong light	Clear and sharp		Unable to see
Presence of black areas in direct sun	No		Yes
Color gamut	>97%		92%
Lifespan	7-10 Years		3-4 Years
Maintenance	At module level possible on site		Only at screen level Only in warehouse
Environment	LCD monitors are more energy-consuming than LED solutions. Thanks to the brightness sensors of LED screens, their consumption is better managed		

110" 138" 165"

The OTV is designed for outdoor use with protection from the elements. It's exceptionally bright, so it can easily withstand direct sunlight. With a built-in media player, OTV makes it easy to deliver amazing content.



▼ Application



Activity



Yard



Sports Events

Specification

MODEL	OTV 1.2	OTV 1.5	OTV 1.9
LED Type	Flipchip COB	Flipchip COB	Flipchip COB
Diagonal Screen Size	110"	138"	165"
Active Screen Size (WxHxD,mm)	2432 x 1368 x 76	3040 x 1710 x 76	3648 x 2052 x 76
Overall Size (WxHxD,mm)	2444 x 2194 x 78	3052 x 2356 x 78	3660 x 2878 x 78
Resolution	1920 x 1080	1920 x 1080	1920 x 1080
Cabinet Size (WxHxD,mm)	608 x 342 x 76	608 x 342 x 76	608 x 342 x 76
Cabinet Resolution (WxH)	480 x 270	384 x 216	320 x 180
Max Power Consumption (W/Set)	2400	3750	5400
Avg. Power Consumption (W/Set)	700	1100	1600
Contrast Ratio	100,000:1		
Brightness (cd/sqm)	3000		
Serviceability	Front / Rear		
Ingress Protection	IP65		
Viewing Angle (H/V)	170°/170°		
Refresh Rate (Hz)	3840		
AC Working Voltage	100-240V-50/60Hz		
Operating Temperature	-30° to +50°		
Operating Humidity	10~80% RH		
System	Android & Windows		
Extra Control Interface	1x Genlock; 1 x LAN; 1 x HDMI in; 1 x HDMI out; RS232/USB		

OPOSTER

72"

Oposter is a high-end outdoor COB Poster, thanks to the features of HD image, IP65, flexible movement, fast installation, and easy operation, it can be widely used in outdoor environments such as outdoor activity performances, and public information.

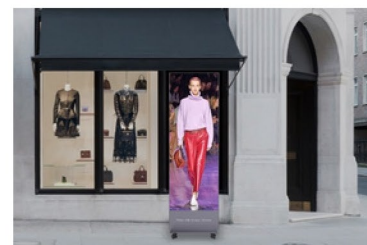
▼ Application



Activity



Public Information



Hotel, Costume store, Shopping mall, etc

Specification

MODEL	Oposter P1.2	Oposter P1.5	Oposter P1.9
LED Type	Flip Chip COB	Flip Chip COB	Flip Chip COB
Diagonal Screen Size	72"	72"	72"
Active Screen Size (WxHxD,mm)	608x1710x76	608x1710x76	608x1710x76
Overall Size (WxHxD,mm)	620x1960x78	620x1960x78	620x1960x78
Resolution	480x1350	384x1080	320x900
Cabinet Size (WxHxD,mm)	608x342x76	608x342x76	608x342x76
Cabinet Resolution (WxH)	480x270	384x216	320x180
Contrast Ratio	100,000:1		
Brightness (cd/sqm)	3000		
Max/Avg Power Consumption	780 / 235		
Refresh Rate (Hz)	3840		
Viewing Angle (H/V)	170°/170°		
Serviceability	Front / Rear		
IP Rating	IP65		
Input Voltage	AC120/240V~50/60Hz		
Operating Temperature	-30° to +50°		
Operating Humidity	10% to 90%RH		
Picture Format	Support JPG, PNG and other image formats		
Control Interface	HDMI IN x 1, HDMI OUT x 1, USB3.0 x 1, LAN x 1, AUX x 1		
Operating Equipment	Phone, iPad, PC		

QSE Enterprise

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