

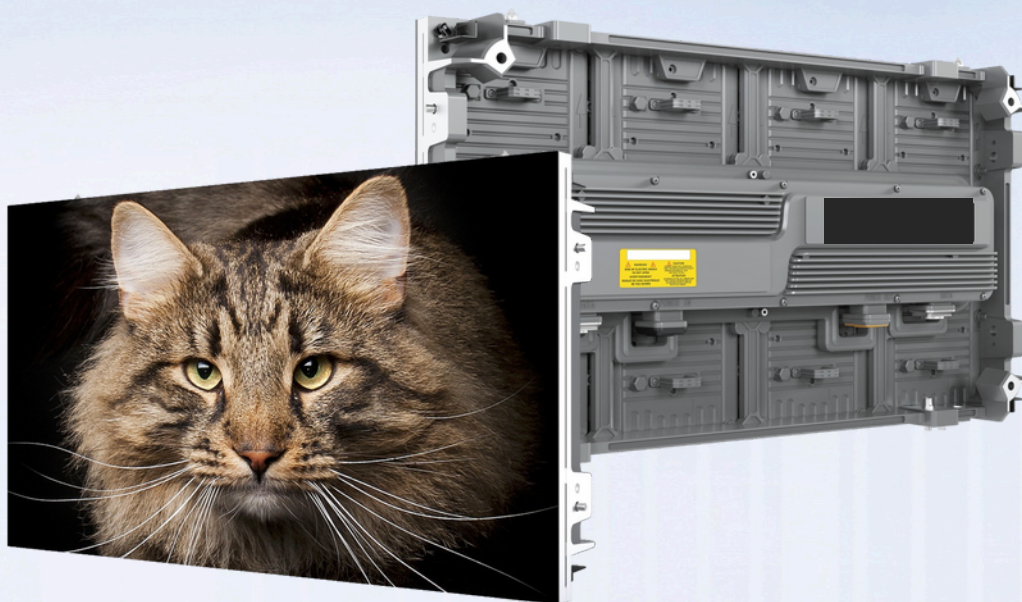
QSE

Your VISION on DISPLAY.

Outdoor COB LED Totem

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

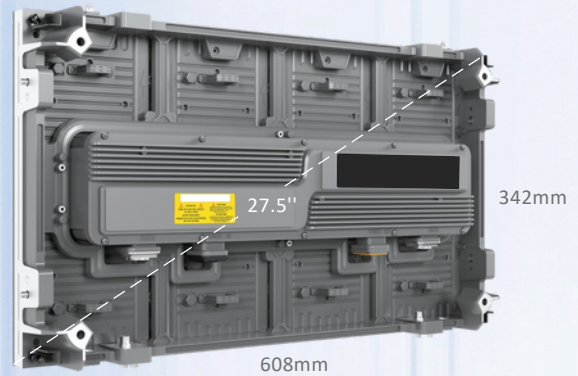
Pixel Pitch 1.2 1.5 1.9



Outdoor COB

QSE
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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

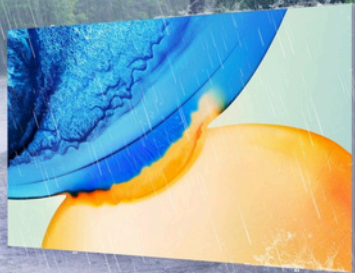


10 years
Performance



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

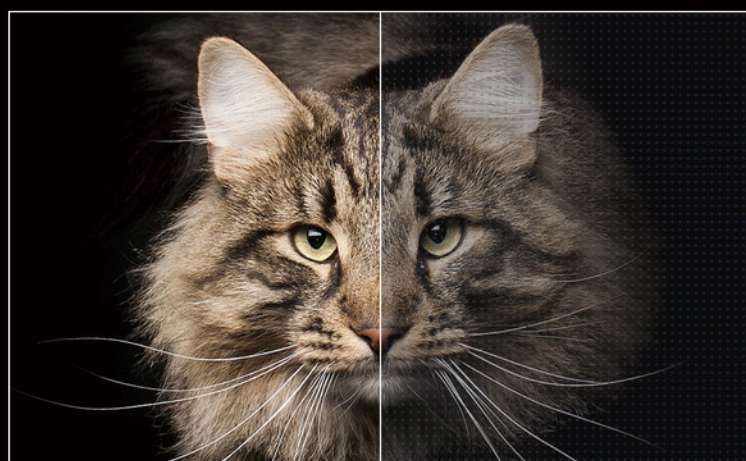
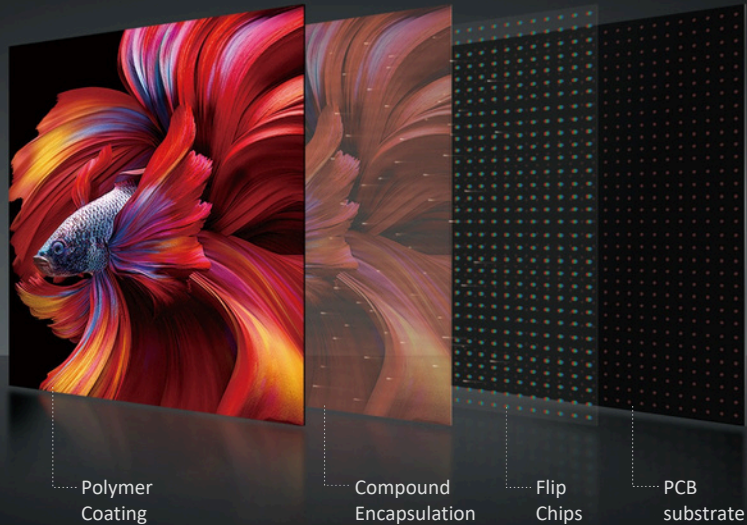


Ultra Black Consistency

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



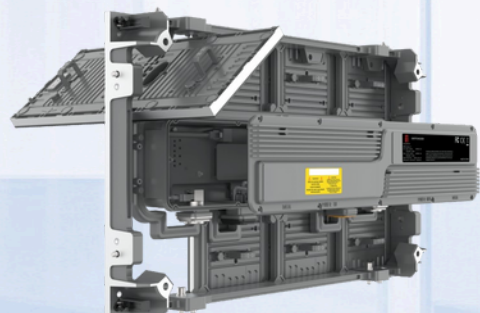
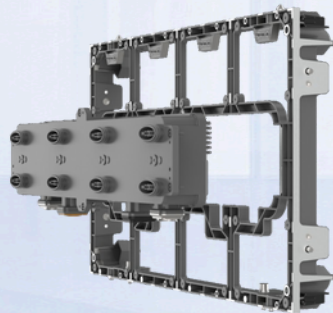
Anti-UV

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		

LED TOTEM

LED Totem is intended for deployment in outdoor venues with ultra-bright sunlight, it features an eye-catching design and a sunlight-viewable 3000nits image. The tough, double-laminated glass with IK10 protection can protect components from the effects of adverse weather and vandalism.

▼ Application



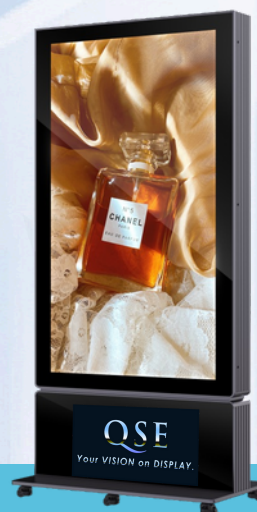
Bus Shelter



Public Informa on



Street Totem



Specification

Model	LED Totem 1.2	LED Totem 1.5	LED Totem 1.9
LED Type	Flipchip COB	Flipchip COB	Flipchip COB
Screen Size Diagonal	82 "	82 "	82 "
Screen Size mm	1026x1824x76	1026x1824x76	1026x1824x76
Overall Size mm	1226x2500x190	1226x2500x190	1226x2500x190
Screen Resolution	810x1440	648x1152	540x960
Cabinet Size	342x608x76	342x608x76	342x608x76
Cabinet Resolution	270x480	216x 384	180x320
Contrast Ratio	100,000:1		
Brightness	3000 NITS		
Max Power W	1400		
AVG. Power W	400		
Service Location	Front		
Ingress Protection	IP65		
Viewing Angle Degree	170 x170		
Refresh Rate	3840		
AC Working Voltage	120-240V 50/60Hz		
Operating Temperature	-22 - +120 F		
Operating Humidity	10~80% RH		
Video Format	RM,FLV,AVI,MP4		
Picture Format	JPG, PNG, and many more		
Control Interface	Media Player Built in 1 HDMI IN 1 HDMI OUT 1 USB 3.0		
Operating Equipment	Cloud , PC Direct , Phone , iPad		

LED TOTEM

Experience the next level of outdoor display technology with our Flip-Chip COB solutions.

Designed for traditional street totems, public information displays, and outdoor media terminals. Our innovative approach with common cathode technology significantly reduces heat generation, extending the lifespan of the LEDs and lowering power consumption.

This advancement not only enhances performance but also aligns with our dedication to energy efficiency and sustainable practices.



	LED TOTEM 1.2	LED TOTEM 1.5	LED TOTEM 1.9
Pixel pitch (mm)	1.2	1.58	1.9
LED type	Flip Chip COB		
Screen resolution (WxH)	810 x 1,440	648 x 1,152	540 x 960
Active screen size (WxHxD, mm)	1,026 x 1,824 x 76 (82")		
Overall size (WxHxD, mm)	1,226 x 2,500 x 190		
Cabinet size (WxHxD, mm)	342 x 608 x 76		
Cabinet resolution (WxHxD, mm)	270 x 480	216 x 384	180 x 320
Net.weight estimated	350 kg		
Cabinet material	Die-casting aluminium		
Maintenance	Front		
IP Rating	Front IP65 / Rear IP65		
Driving method	1/30	1/24	1/16
Brightness (cd/m2)	3,000		
Contrast ratio	100,000:1		
Refresh rate	≤ 3,840 Hz		
Color processing	16 bits		
Viewing angle (H/W)	170° / 170°		
Color temperature (K)	3,000-9,500		
Dimming level	256		
Max./Avg. power consumption (per set)	1,400 W / 400 W		
Power supply	AC100-240V, 50/60 Hz		
Operating temperature	-30°C to 50°C		
Operating humidity	10 to 90 %		
Led lifetime	100,000 hrs		
Control interface	HDMI IN x 1.HDMI OUT x 1.USB 3.0 x 1.LAN x 1.AUX x 1		
Operating equipment	Phone, iPad, PC		
Certificates	CE: ETL: FCC Class A: Rohs		

LED TOTEM



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