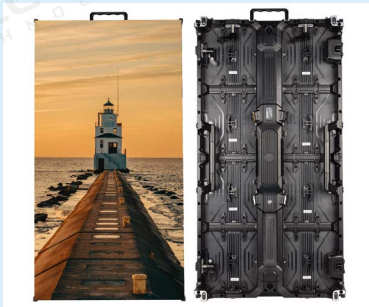


ORB Series

RACEVISUAL
TECHNOLOGIES

ORB Series is a cutting-edge solution designed for dynamic, high-impact events in outdoor environments. Engineered with unique feature and appearance, die casting aluminum cabinet, strong toughness, high precision, not easy to deform. Modular design with fast-locking mechanisms, hot swap backpack, front and back maintenance, enabling quick setup and dismantling, realizing fast maintenance in different occasions. High brightness, and wide viewing angles, they ensure a seamless viewing experience even under direct sunlight. Ideal for events such as concerts, sports screenings, exhibitions, and stage.



High Resolutions, Vivid Image

The ORB series have multiple pixel pitches for option, 2.6mm, 2.9mm, 3.9mm, 4.8mm
4500nits high brightness



Concave, Convex, Curvilinear for option

500x500mm / 500x1000mm panels arcable
concave & convex angle



Modular Design, Front And Rear Service

Power & signal unit modular design, magnetic module design, easy for front service, tools-free for installation and teardown



Crash Proof Protection

Corner protection
Avoid crashing when packing & assembling
Easy to stand for demonstration

Specification:

Model	ORB-2.6	ORB-2.9	ORB-3.9	ORB-4.8
Physical Pitch	2.6mm/0.1"	2.97mm/0.12"	3.91mm/0.15"	4.81mm/0.15"
Pixel Configuration	SMD1921	SMD1921	SMD1921	SMD2727
Pixel Density	147456px/m ²	112896px/m ²	65536px/m ²	43264px/m ²
Module Dimension(WxH)	250x250mm/9.84"x9.84"			
Panel Dimension(WxHxD)	500x500x80mm(19.69"x19.69"x3.14") / 500x1000x80mm(19.69"x39.37"x3.14")			
No. of Module/panel(WxH)	2x2/2x4			
Module Resolution	96x96px	84x84px	64x64px	52x52px
Panel Resolution	192x192px 192x384px	168x168px 168x336px	128x128px 128x256px	104x104px 104x208px
Panel Material	Die-casting Aluminum			
Panel Weight	8kg/14kg(17.63 lbs/30.86 lbs)			
Gray Scale	16bit			
Contrast Ratio	4000:1			
Avg. Power Consumption	64w/panel 128w/panel	64w/panel 128w/panel	64w/panel 128w/panel	64w/panel 128w/panel
Max. Power Consumption	192w/panel 384w/panel	192w/panel 384w/panel	192w/panel 384w/panel	192w/panel 384w/panel
Operating Temp/Humidity	-10°C - 60°C / 10% - 60%			
Storage Temp/Humidity	-30°C - 60°C / 10% - 60%			
Refresh Rate	7680hz			
Brightness	4500nits			
Viewing Angle(H/V)	160°/140°			
Expected Lifetime	100,000hrs			
Max. Stacking/Hanging	20/10			
Service	Front/Rear			
IP Rating(Front/Rear)	IP65/IP54			
Certification	CCC,CE,ETL,RoHS			

