

High-end energy-saving
LED display

Orion Advision Series

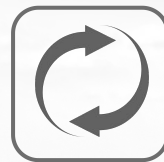




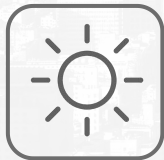
Energy saving
eye protection



Front/Rear access



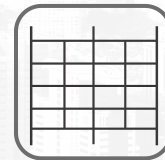
High refresh



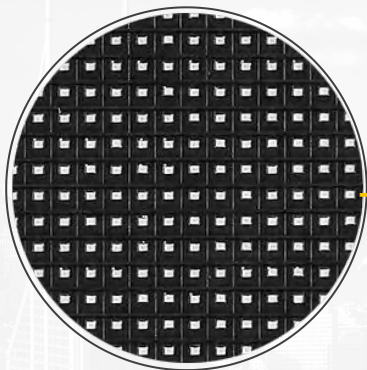
High brightness



wide viewing angle



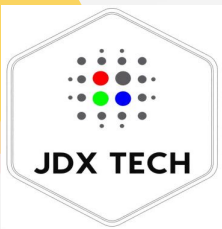
Fan screen



Front side

Matte corrugation module mask
achieves ultra-high contrast





Back side

Aluminum profile cabinet is light weight, which saves transportation cost and installation cost



1000mm



1000mm



Cabinet size

83mm



1000X1000 22.5kg

Weight is **35%**
lighter



Energy Saving Orion Advision Series Panel



Orion Advision	1sqm (w/m ²)
Average power consumption	100-200
Max power consumption	650 W



Electric power saving up to

30%

Traditional LED panel



Traditional LED panel	1 sqm (w/m ²)
Average power consumption	425
Max power consumption	1000 W



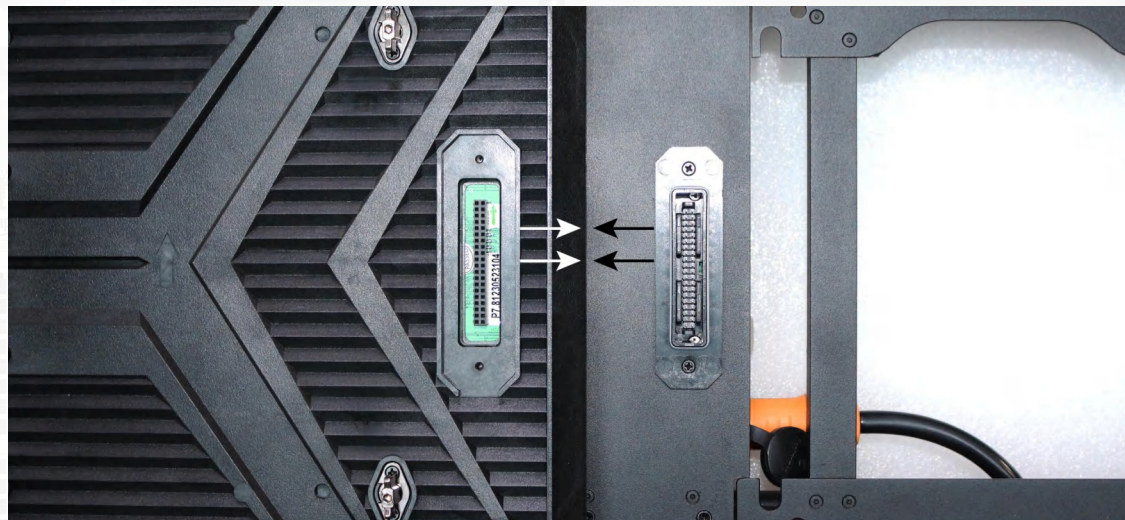
IP65 Waterproof for both front
and back side





Hot-swapping

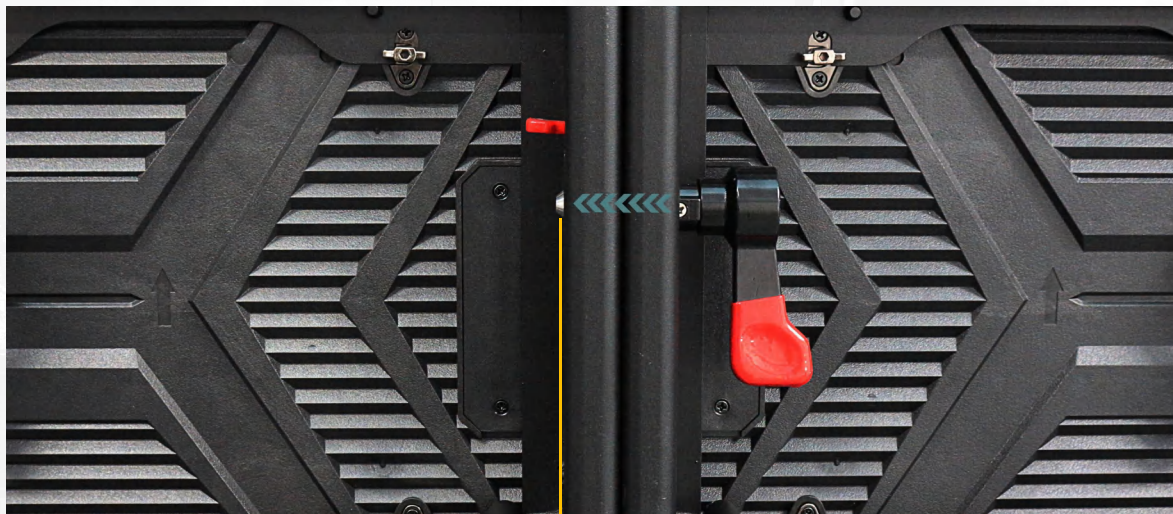
Hard connection supports full front access





Fast installation

Stainless fast lock High precision aluminum alloy panel Quick assembly . Good flatness

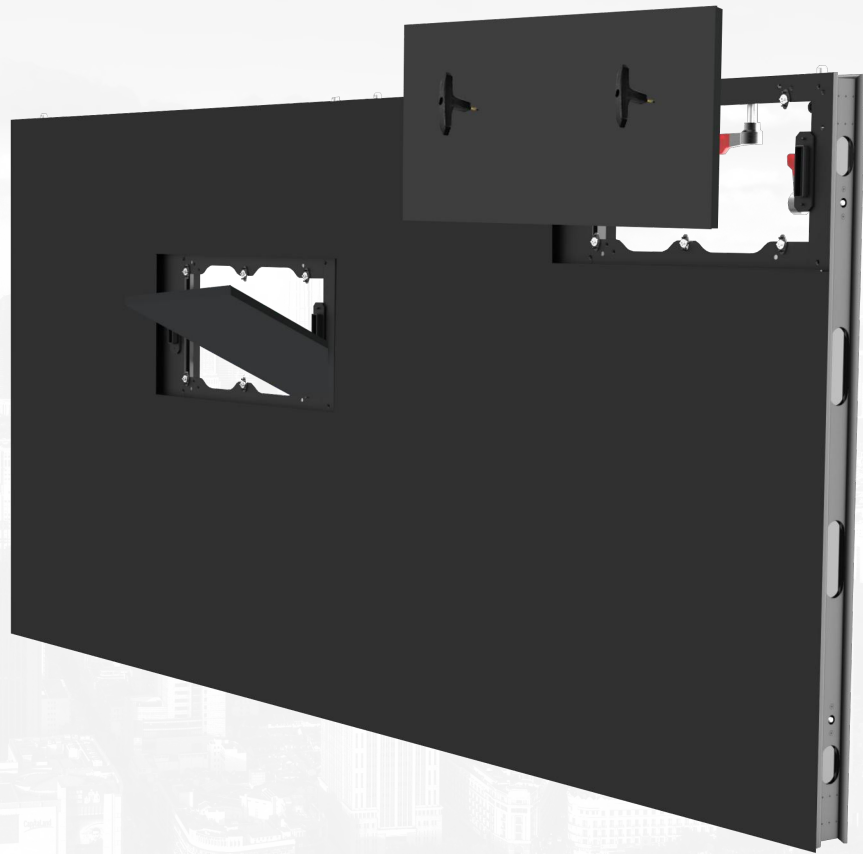


Stainless steel lock catch



Full-front and Rear maintenance

Suits for all outdoor applications





Seamless splicing

- Delicate structure
- Seamless splicing
- Perfect flatness





High refresh rate

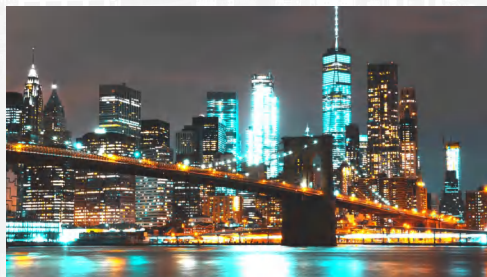


High refresh rate

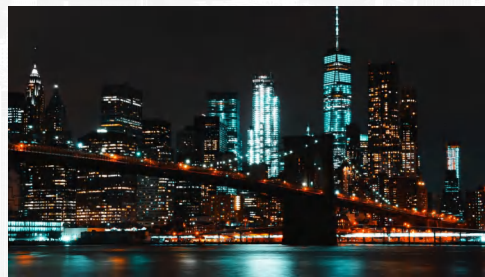


Low refresh rate

High grey scale



Hig grey scale



Low grey scale



160 ° Super wide viewing angle

Perfect presentation of images from any angle





Position pin

Power connector

Back cover

Module handle

Fast lock

Indicator&Test
bottom



Pixel Pitch	P2.976	P3.91	P4.81	P6.25	P7.81	P10.4
SMD Type	SMD1415	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727
Physical Density(dots/m ²)	112896	65536	43264	25600	16384	9216
Module Resolution	168x84	128x64	104X52	80X40	64X32	48X24
Panel Dimension(W xH/mm)	500X250	500X250	500X250	500X250	500X250	500X250
Module Size (mm)	1000X1000X83	1000X1000X83	1000X1000X83	1000X1000X	1000X1000X83	1000X1000X
Panel Resolution	336x336	256X256	208X208	8160X160	128X128	96X96
Module quantity(W xH)	2X4	2X4	2X4	2X4	2X4	2X4
Panel Weight(kg)	22.5	22.5	22.5	22.5	22.5	22.5
Maintenance Mode	Front & Rear	Front & Rear	Front & Rear	Front &	Front & Rear	Front &
Cabinet material	Aluminum	Aluminum	Aluminum	Rear	Aluminum	Rear
Brightness(Nits)	6000	6000	6000	Aluminum	6000	Aluminum
Color temperature(K)	1000-18500	1000-18500	1000-18500	6000	1000-18500	6000
Viewing Angle(H/V)	140 ° /160 °	140 ° /160 °	140 ° /160 °	1000-18500	140 ° /160 °	1000-18500
Best viewing distance	3-100m	4-100m	5-100m	140 ° /160 °	8-150m	140 ° /160 °
Contrast Ratio	10000 : 1	10000 : 1	10000 : 1	6-150m	10000 : 1	10-200m
Frame -changing Frequency(Hz)	50/60	50/60	50/60	10000 : 1	50/60	10000 : 1
Drving Mode	1/21 scan	1/16 scan	1/13 or 1/7	50/60	1/4 scan	50/60
Grey Level	16bit	16bit	scan	1/8 scan	16bit	1/2 scan
Refresh Rate (Hz)	3840~7680	3840~7680	16bit	16bit	3840~7680	16bit
Max power consumption(W/m ²)	650	650	3840~7680	3840~7680	650	3840~7680
Avg power consumption(W/m ²)	100-200	100-200	650	650	100-200	650
Waterproof Rate	IP65	IP65	100-200	100-200	IP65	100-200
Power supply requirements			IP65	IP65		IP65
Working Temp/Humidity(°C/RH)	AC90-264V,47-63Hz					
Storage Temp/Humidity(°C/RH)	-20~60°C/10%~85%					
Certificate	CCC/CE/RoHS/FCC/CB/TUV/IEC					

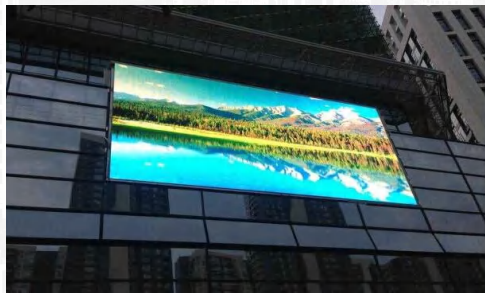


Case gallery





Case gallery





Case gallery

