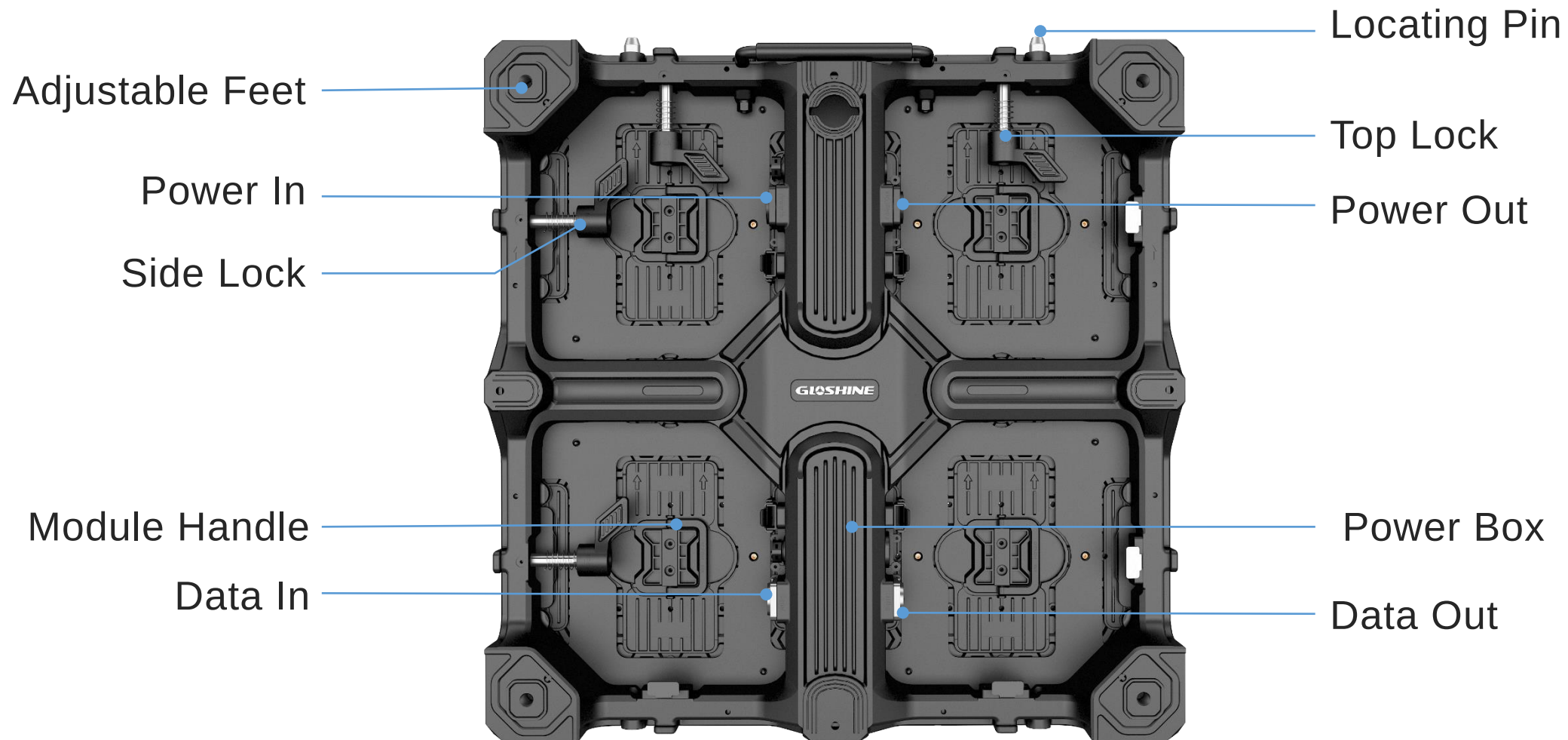


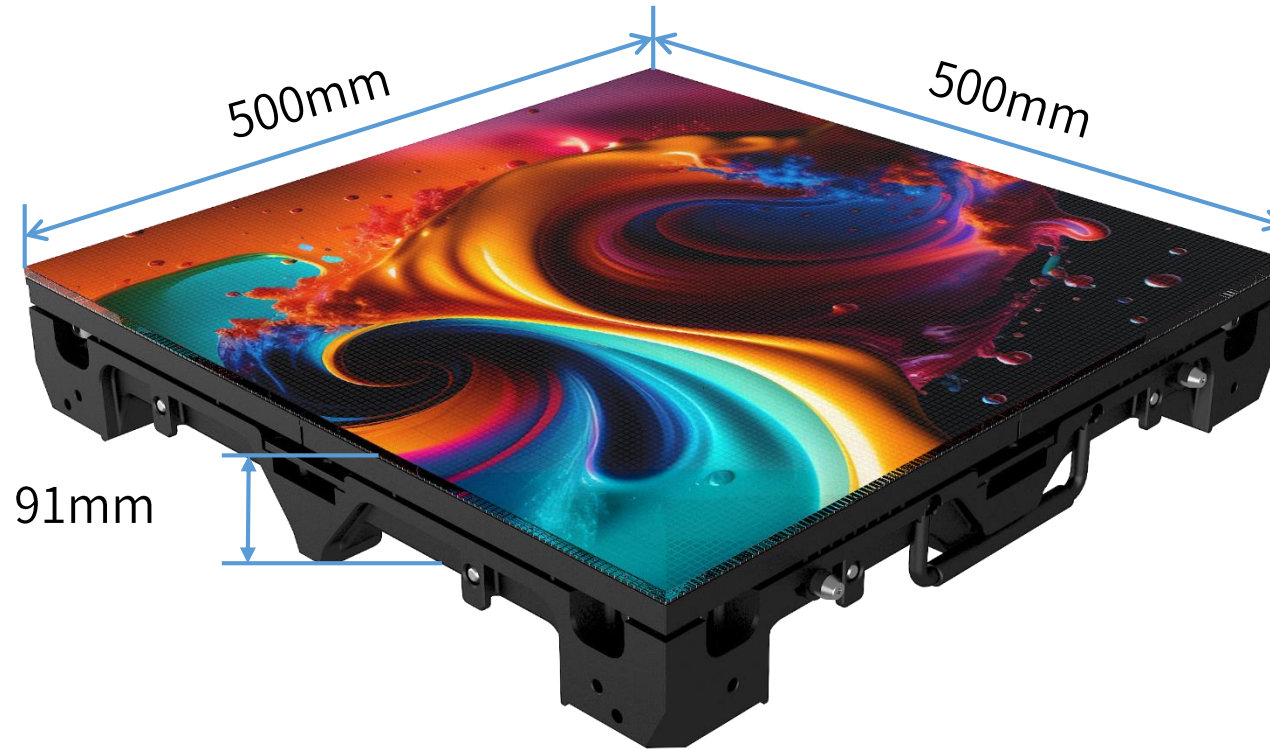


AR Pro Series

Multifunctional Indoor/Outdoor Floor Tile LED Display







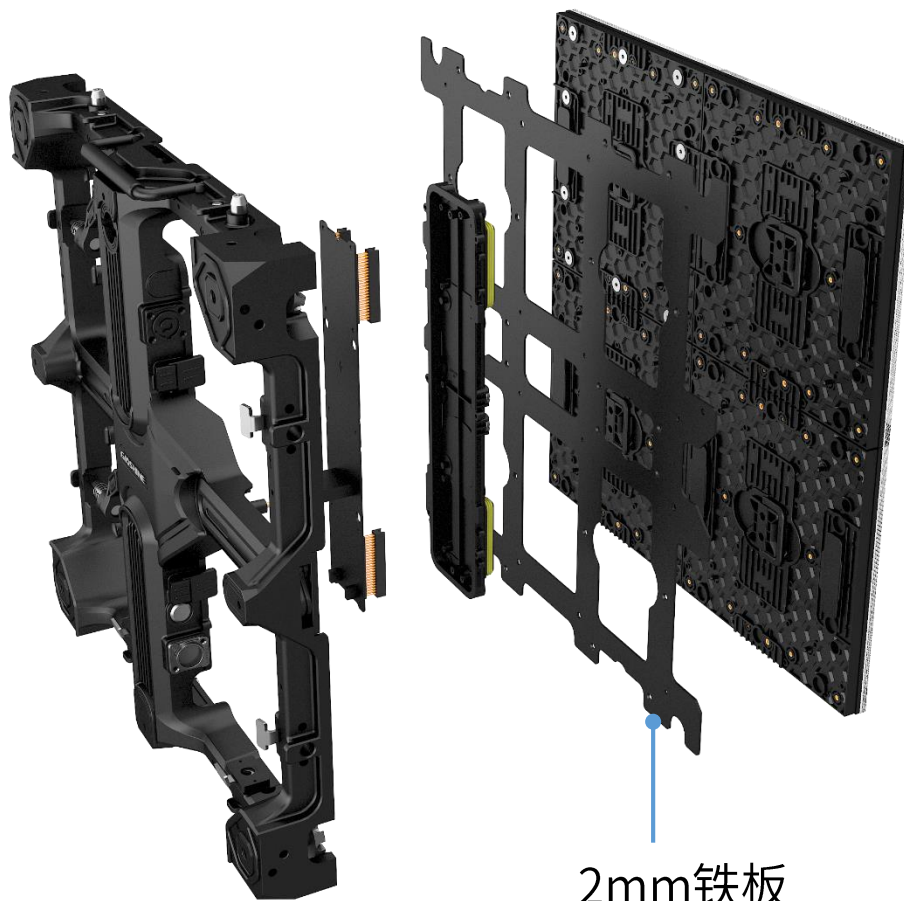
Panel Dimension(W*H*D):500mm×500mm×91mm

Panel Weight:12.8kg±10%(Indoor),13kg±10%(Outdoor)

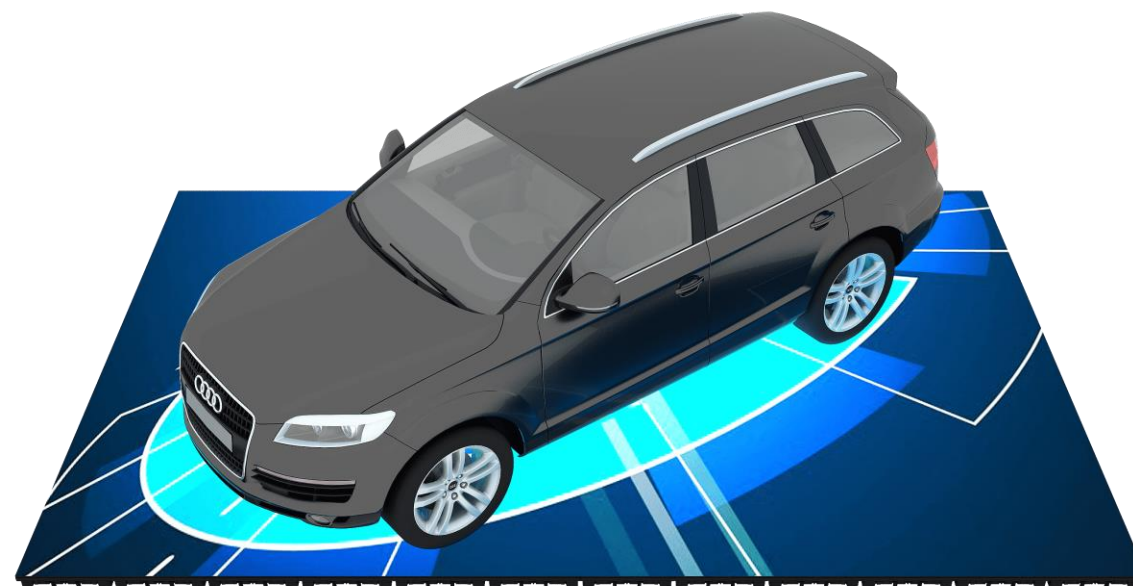
Strong Load Capacity



The interior of the panel is fitted with a 2mm thick steel plate, providing a robust structure and a load-bearing capacity of up to 1.5 tons. It can withstand intensive use, including car driving and high-traffic pedestrian use.



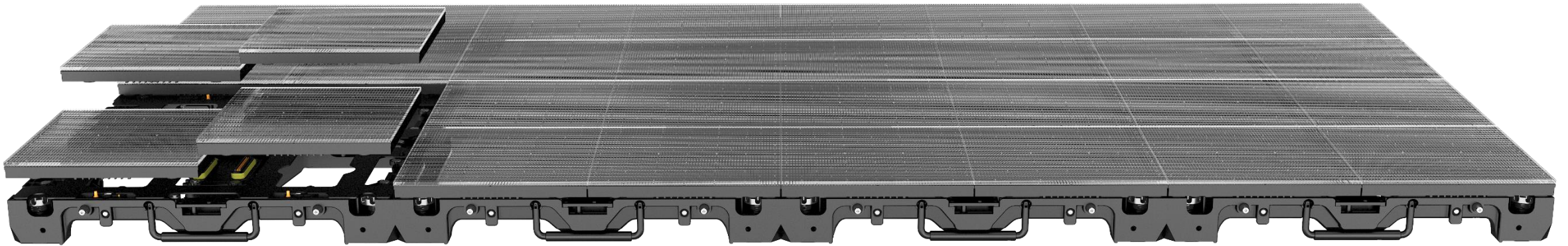
2mm铁板



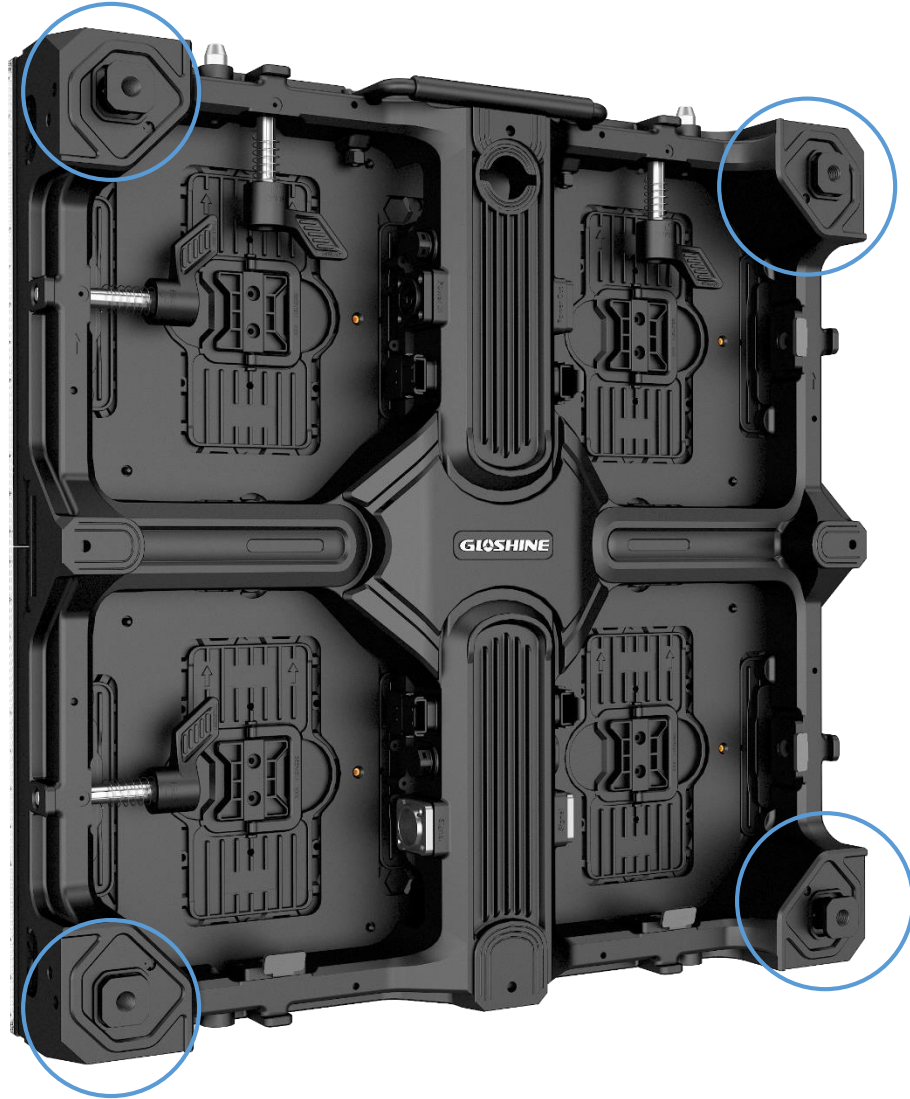
Easy Maintenance



Features magnetic modules, enabling convenient and efficient front maintenance.

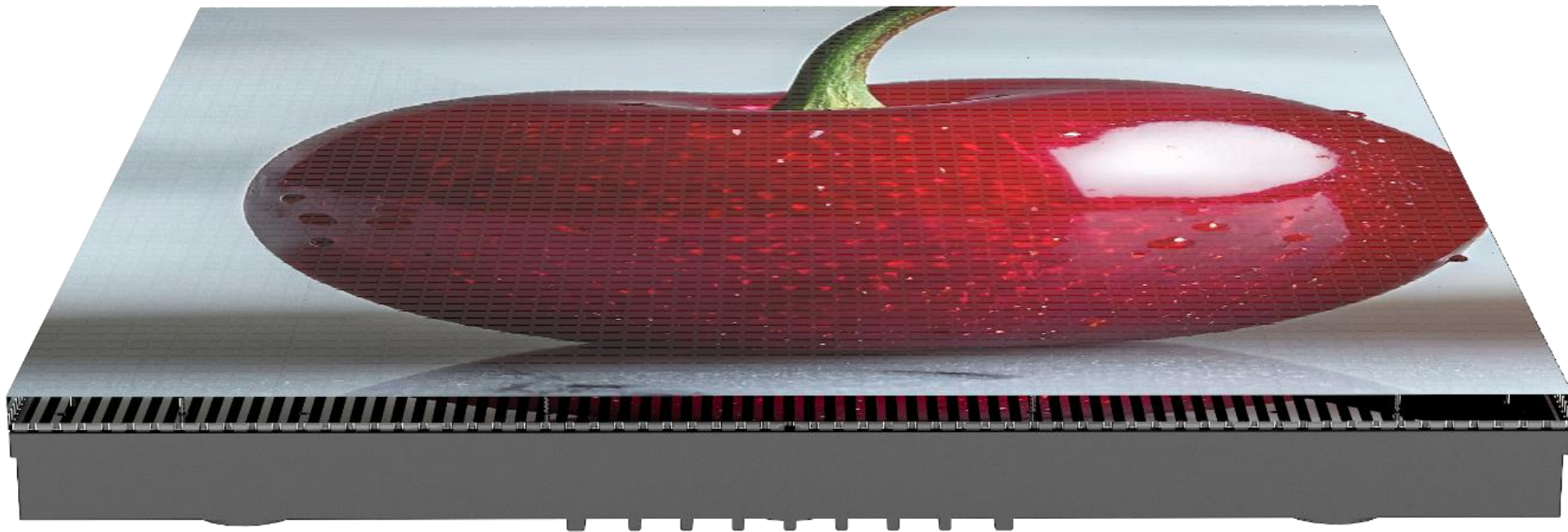


Adjustable Feet on Four Corners of the Cabinet



Equipped with side-access adjustment, these feet enhance the flexibility of leveling adjustments, with a height adjustment range of 85–94 mm, easily addressing issues caused by uneven floors.

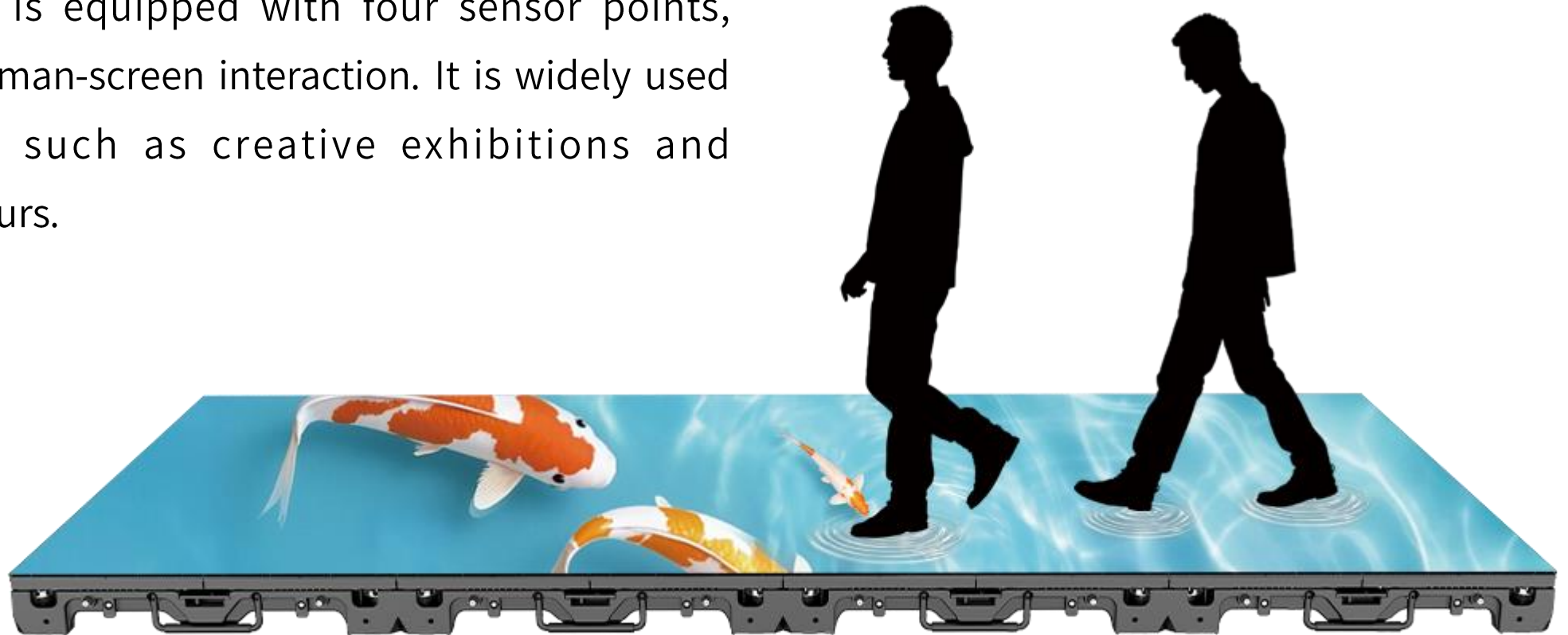
Achieves a minimum pixel pitch of indoor 1.9mm, delivering sharper and more detailed images. Combined with the GOB process, it further enhances resistance to impact, moisture, dust, and pressure, effectively extending the LED display's service life.



Interactive Sensing Function (Optional)



Each module is equipped with four sensor points, supporting human-screen interaction. It is widely used in scenarios such as creative exhibitions and commercial tours.



Outdoor High Protection



Outdoor IP Rating: Front IP65 / Rear IP54. Provides water and dust resistance, ensuring reliable performance in humid environments without fear of water mist erosion.



Excellent Display Performance



Features consistent LED performance with low-gray-scale processing, ensuring uniform color without color blocks. Supports a 7680Hz refresh rate for smooth dynamic images without motion blur, making it suitable for use as an XR virtual production screen.



Dual-Purpose Screen



Can be used as a floor screen or a conventional background screen. Paired with the integrated installation system, setup is completed effortlessly without complex modifications.



Parameter



Application Scenario	Indoor				Outdoor	
Model No.	AR Pro1.9	AR Pro2.6	AR Pro2.9	AR Pro3.9	AR Pro2.9	AR Pro3.9
Pixel Pitch	1.9	2.6	2.9	3.9	2.9	3.9
LED Type	SMD1515	SMD1515	SMD2020	SMD2020	SMD1415	SMD1921
Packaging techinque	GOB	GOB	GOB	GOB	SMD+PC	SMD+PC
Pixel Density	262144/m²	147456/m²	112896/m²	65536/m²	112896/m²	65536/m²
Panel Dimension	500mm*500mm*91mm	500mm*500mm*91mm	500mm*500mm*91mm	500mm*500mm*91mm	500mm*500mm*91mm	500mm*500mm*91mm
Panel Resolution	256*256pixel	192*192pixel	168*168pixel	128*128pixel	168*168pixel	128*128pixel
Scan Rate	1/32	1/24	1/21	1/16	1/21	1/16
Brightness	600-800nits	600-900nits	800-1000nits	800-1200nits	General Brightness for white LEDs:800-1200nits	General Brightness for White LEDs:800-1200nits
Refresh Rate	3840Hz/7680Hz					
Gray Scale	14-16Bit					
Color Temperature	6500-9500K					
Panel Weight	12.8kg±10%				13kg±10%	
Cabinet Material	Die-Casting Aluminum					
Max Power Consumption	900W/m²					
Ave Power Consumption	450W/m²					
Viewing Angle	H:160°/V:160°					
Working Voltage	AC200-240V~50/60Hz or AC100-240V~50/60Hz					
IP Rating	IP31				Front IP65/Rear54	
Serviceability	Front Maintenance					
Curve	/					
Max Stacking/Hanging	7.5m(Vertical Screen)					
Operating Temp/Humidity	-20°C~+45°C； 10%~60%RH				-20°C~+45°C； 10%~90%RH	
Storage Temp/Humidity	-40°C~+60°C； 10%~60%RH				-40°C~+60°C； 10%~60%RH	
Processing platform	Novastar/Colorlight/Magnimage					