LED Cabinets **(1.9/2.6/2.9/3.9)**

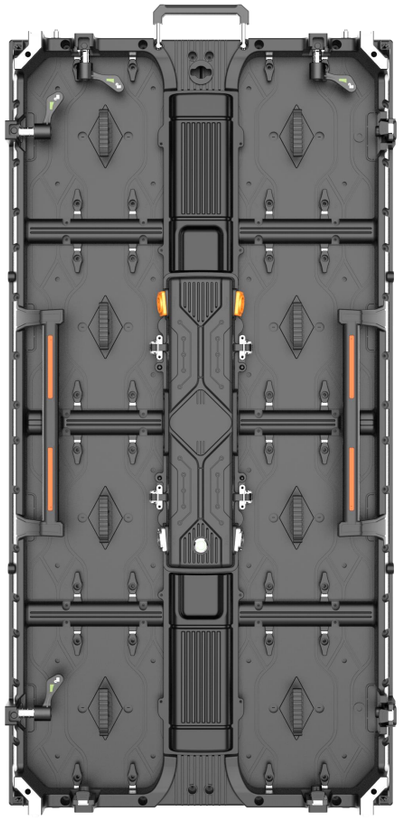




XD500 Series



XD500 Flexible Series



XD1000 Series

FEATURES

MODULAR DESIGN & INSTALLATION



Modulization



Light & Thin



Arc lock



Easy Maintenance



Flexible Splicing



Quick Installation



High Protection

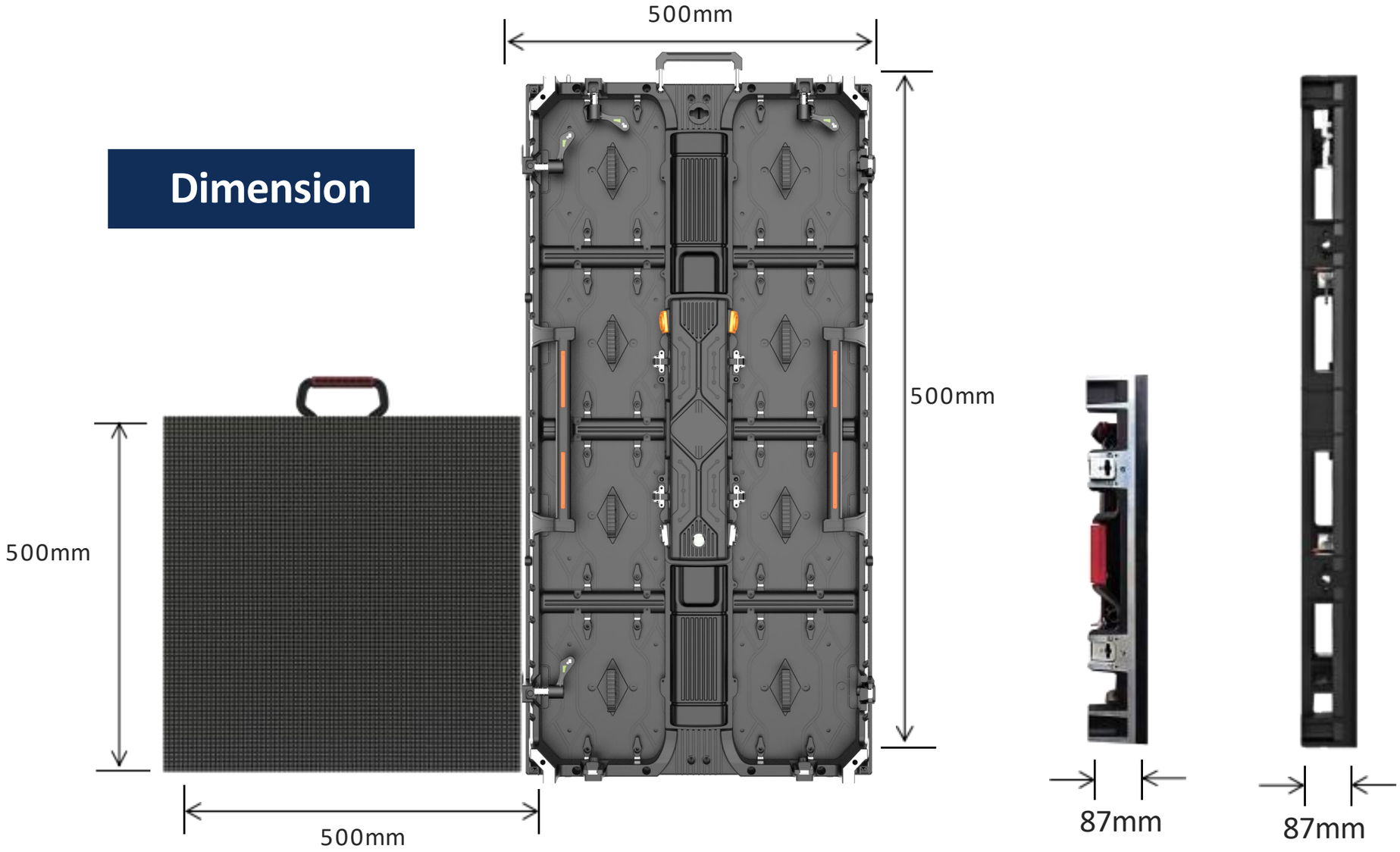


Wide Viewing Angle

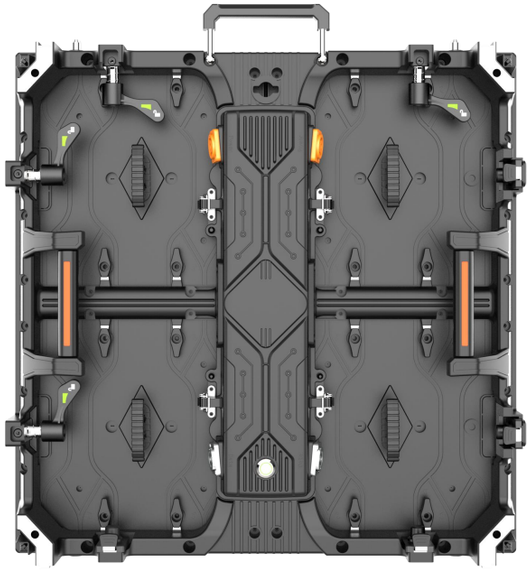
DIMENSIONS

CABINET GEOMETRY

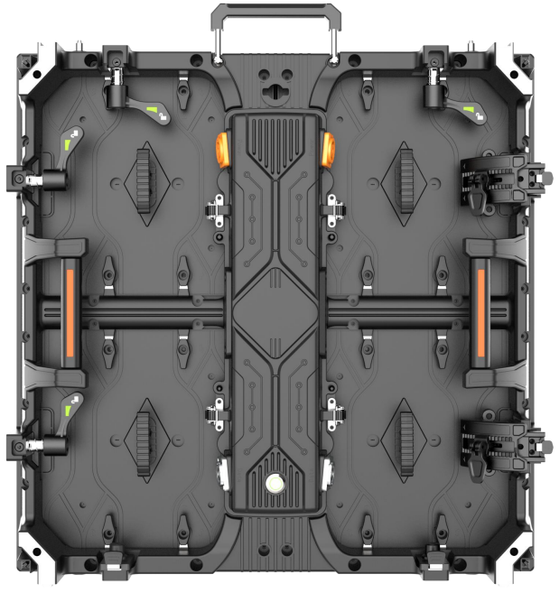
Dimension



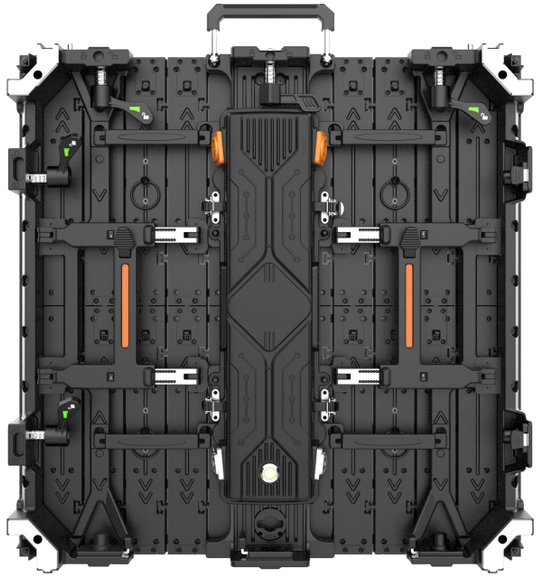
Cabinet appearance



XD500
500x500mm straight cabinet
Support to install straight led screen

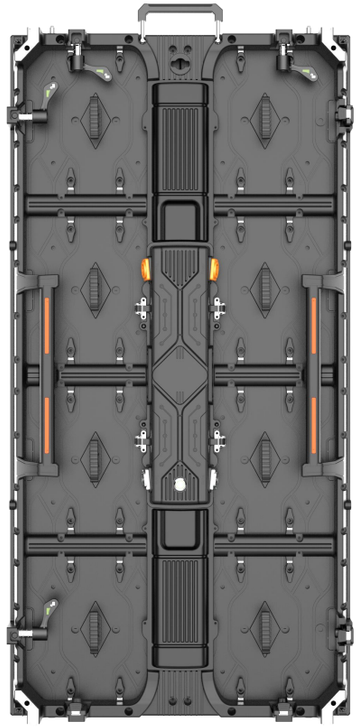


XD500
500x500mm with curved lock(for optional)
Support to install curved led screen

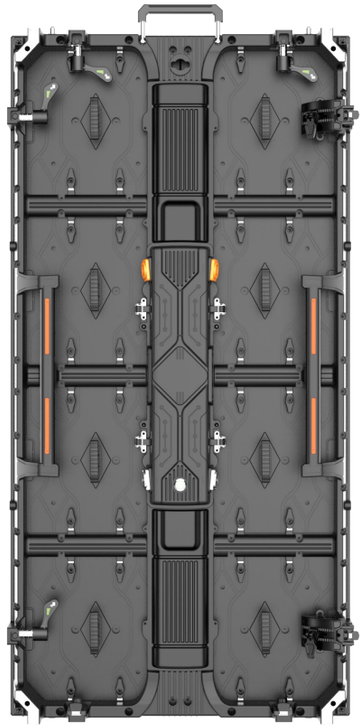


XD500
500x500mm with 45° edge and curved lock(for optional)
Support to install right angle led screen

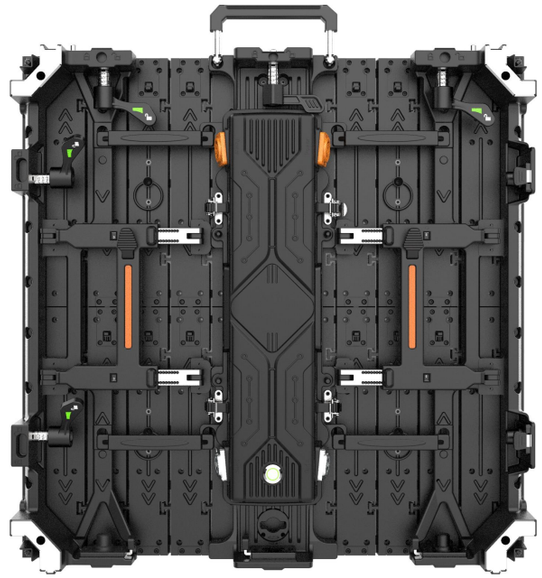
Cabinet Appearance



XD1000
500x1000mm straight cabinet
Support to install straight led screen



XD1000
500x1000mm with curved lock(for optional)
Support to install curved led screen



XD500 Flexible
500x500mm flexible led cabinet
Support to install ring shape and S shape led screen

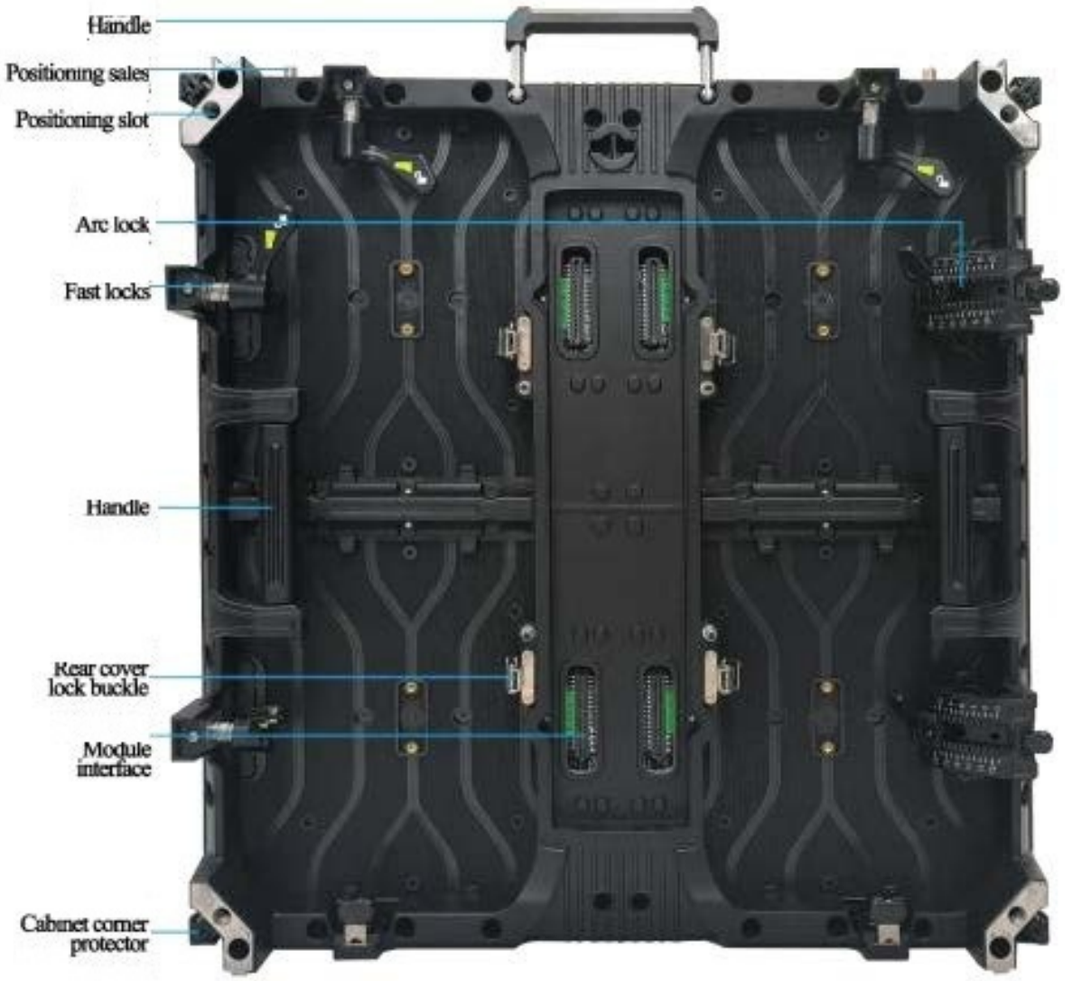
Integrated Design

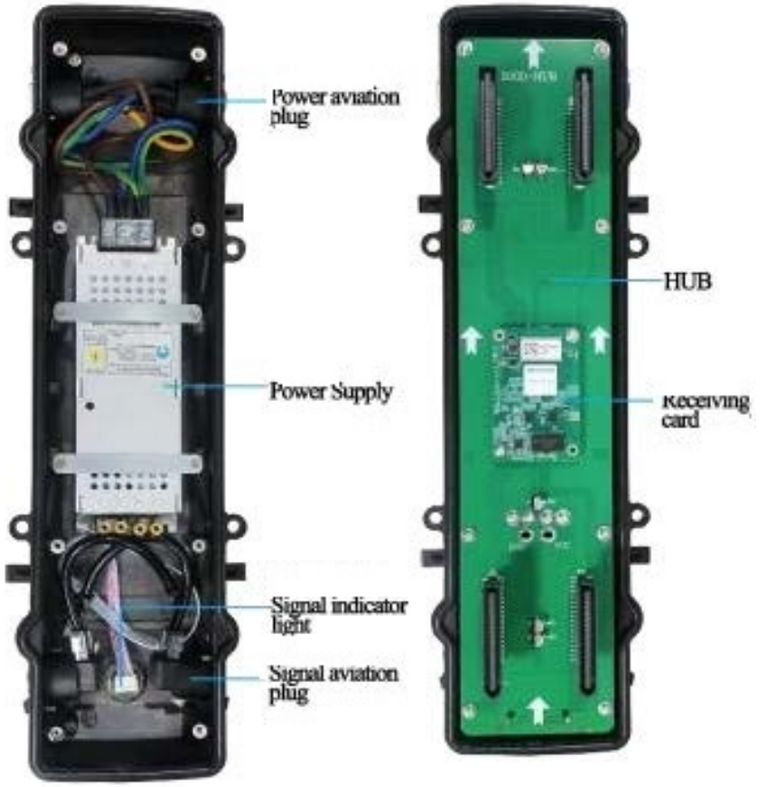
- Die- cast aluminum enclosure, featuring strong toughness, high precision, and resistance to deformation.
- Integrated design of power supply, receiving card, and rear cover.



Cabinet Structure

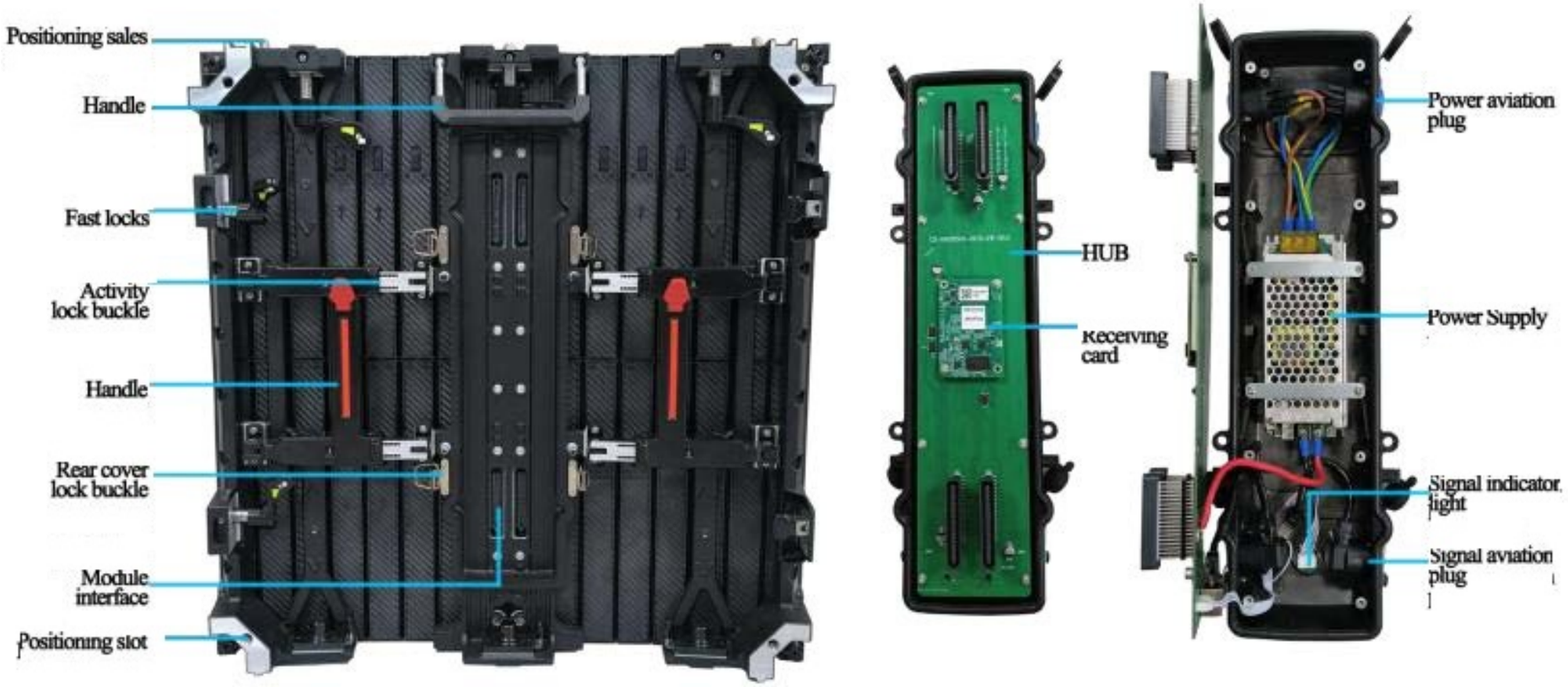
XD500 Series





Cabinet Structure

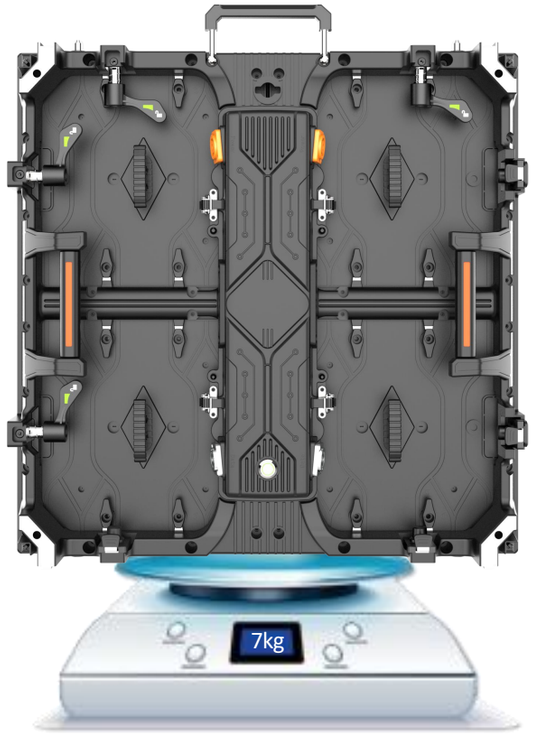
XD500 Flexible Series



WEIGHT & PROFILE

CABINET COMPARISON

Lighter & Thinner



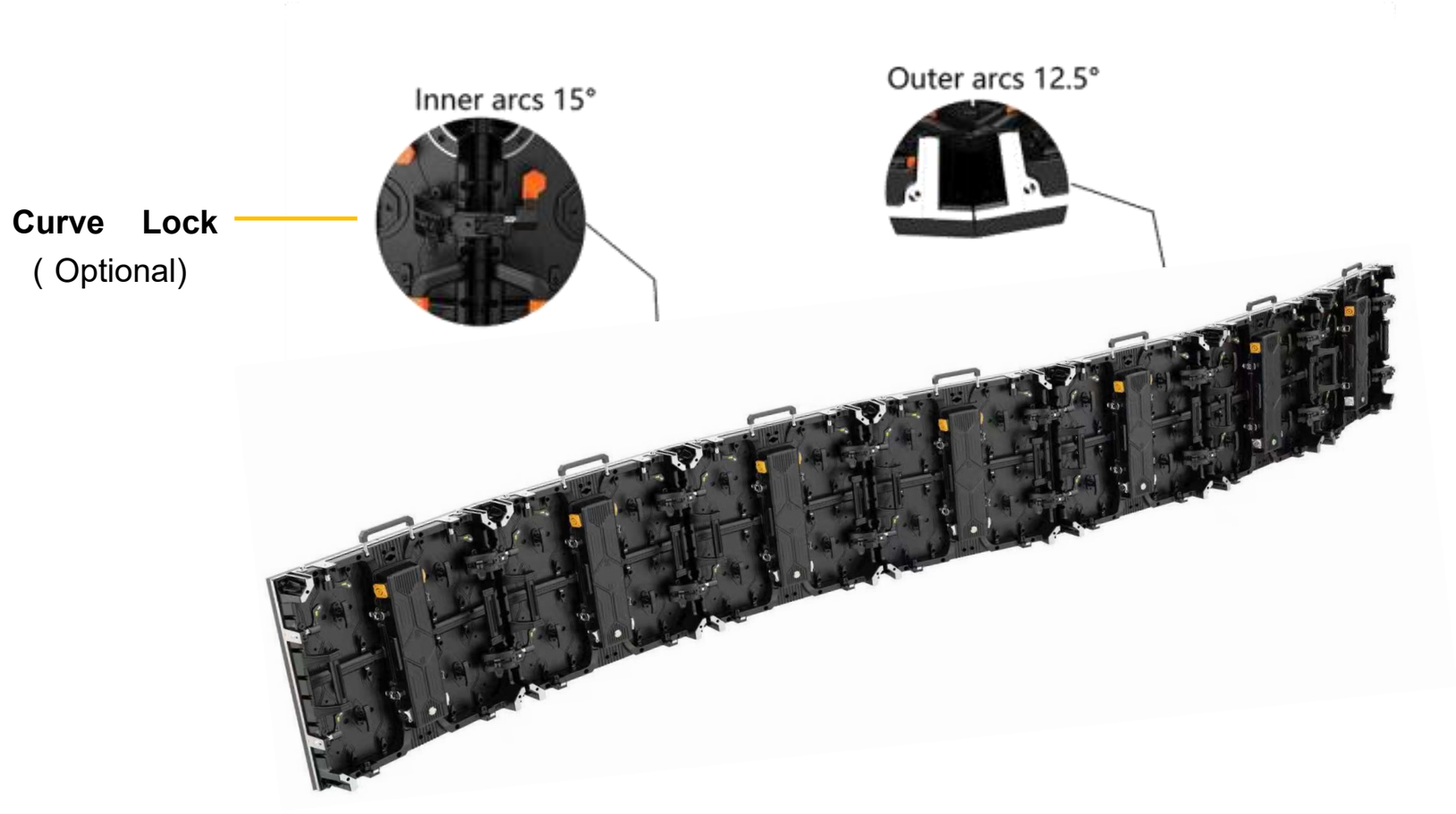
500X500 7kg



500X500 14kg

High-Precision Curve Lock

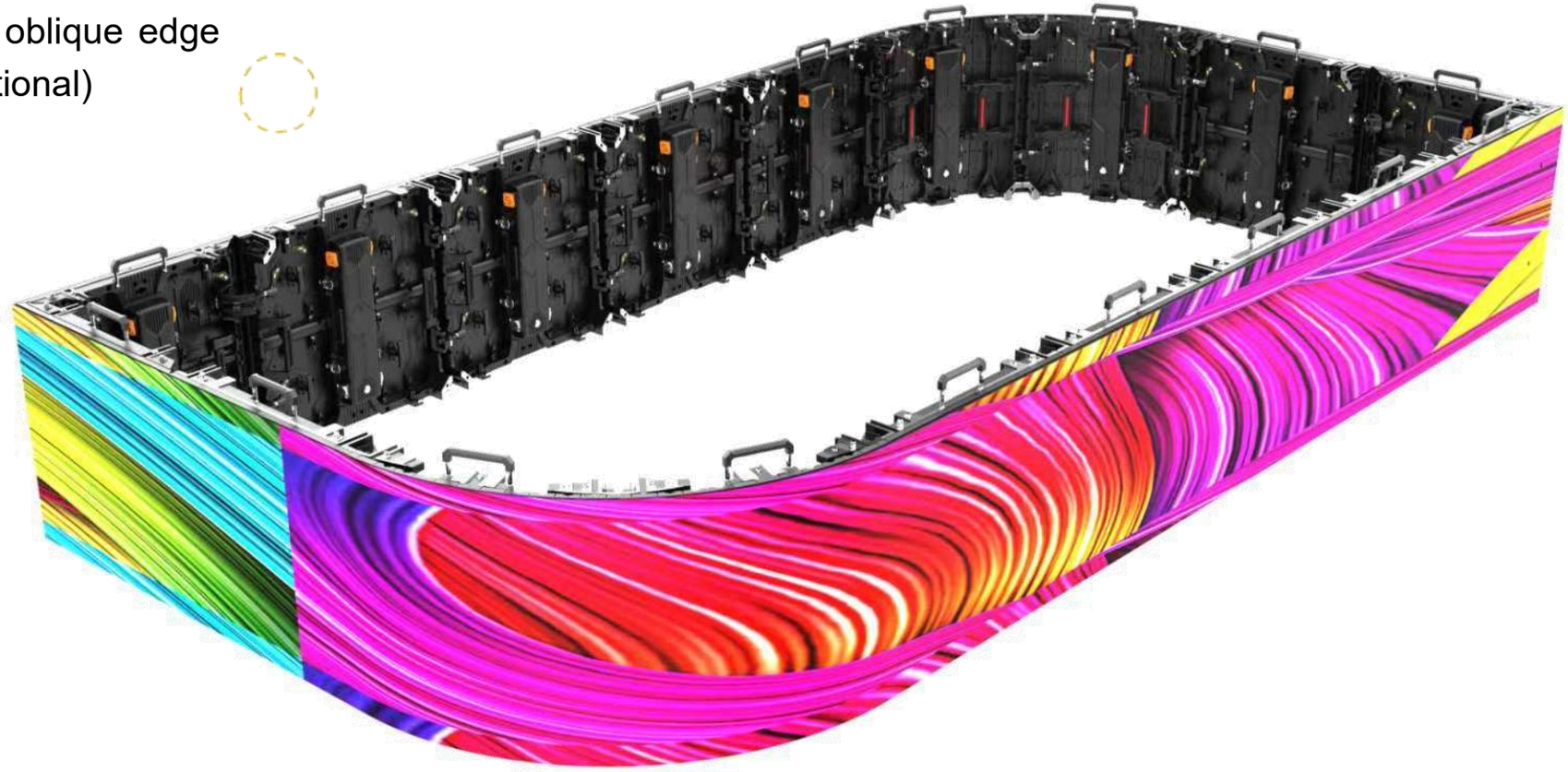
Adopt high-precision curve lock design (-10° to +15°), rotation control, more accurate, easy to use, and quickly adjust the degree of curve.



45° Beveled Edge Design

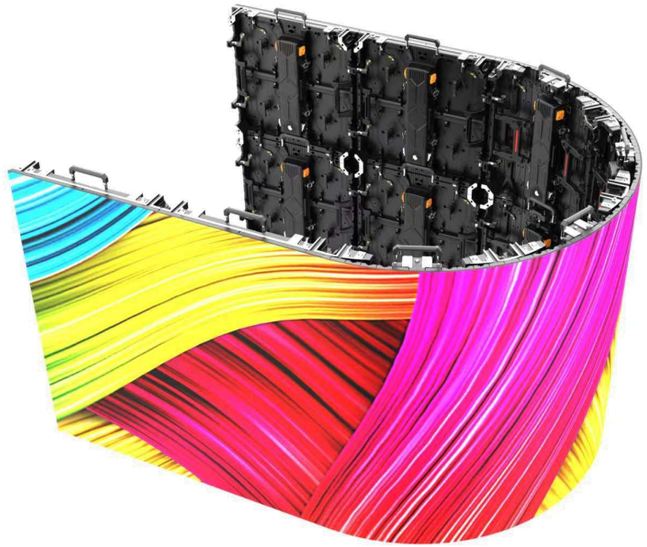
45-degree oblique edge LED screen, which can make a 90-degree angle screen.

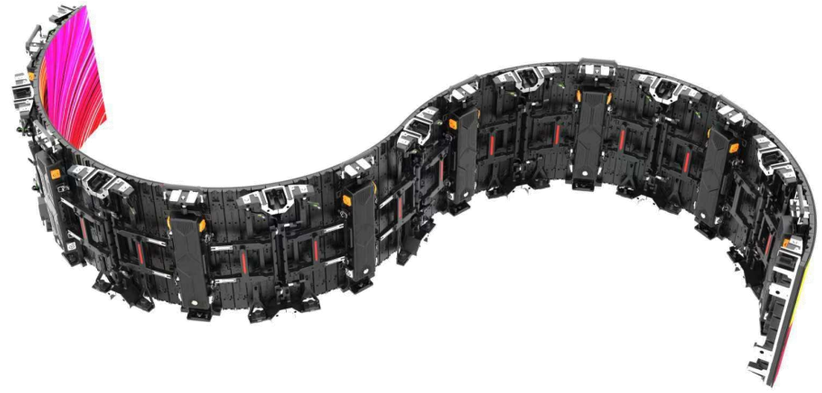
45-degree oblique edge
(Optional)

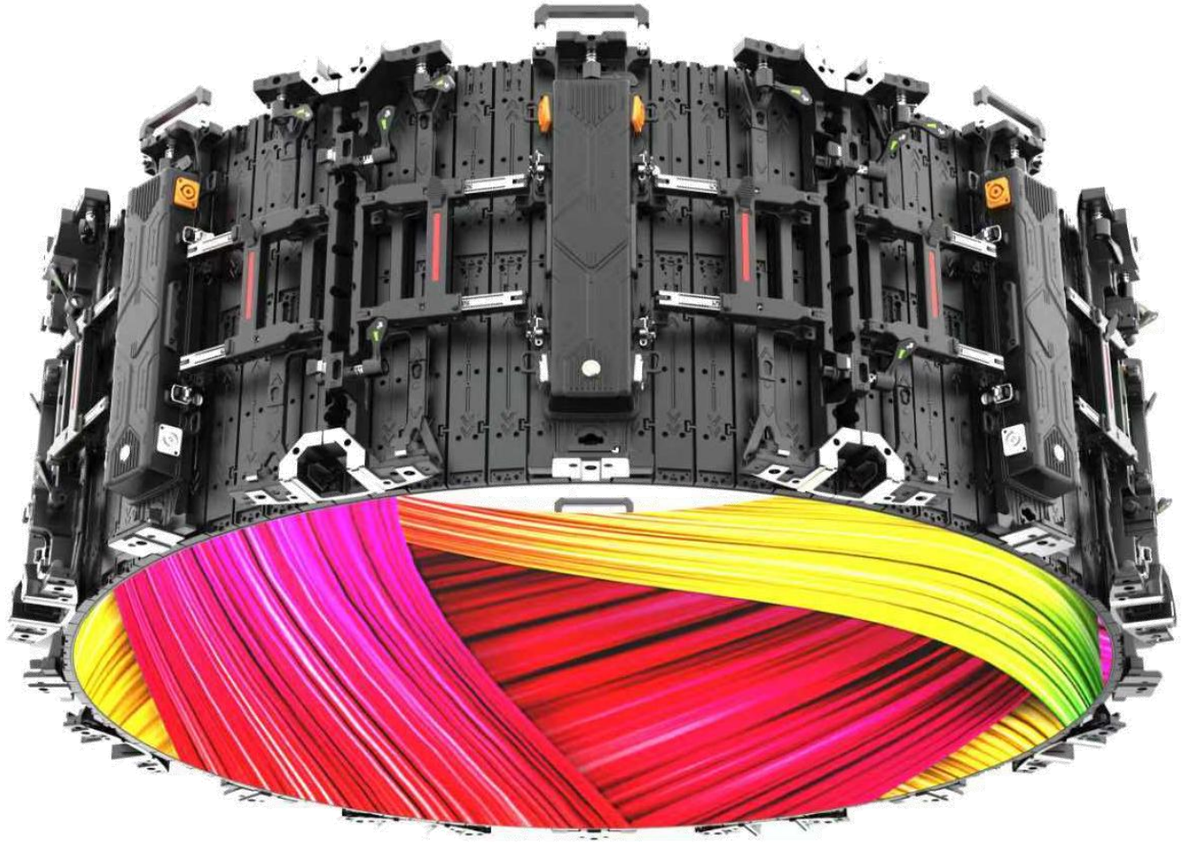


U-shape installation

Single XD500 flexible cabinet single side arc lock can be adjusted 0 -22.5 degrees, single cabinet can be adjusted inside and outside arc S shape.







Ring installation

The inner and outer arc of a single XD500 flexible Cabinet can be adjusted 0-45 degrees, and 8 pcs cabinets can be put together in a circle with a minimum diameter of 1.27m.

Flexible Installation

XD500 Flexible LED cabinet can be mixed splicing with XD500/ 1000 conventional cabinet, which can reduce the cost while meeting the demand of special shape.



Flexible Installation

XD500 Flexible LED cabinet can be mixed splicing with XD500/ 1000 conventional cabinet, which can reduce the cost while meeting the demand of special shape.



OUTDOOR PROTECTION

OUTDOOR SERIES ONLY



IP65 Waterproof

(Front & Rear)

for outdoor series





IMAGE PERFORMANCE

REFRESH RATE & GRAYSCALE

High refresh rate



High refresh rate



Low refresh rate

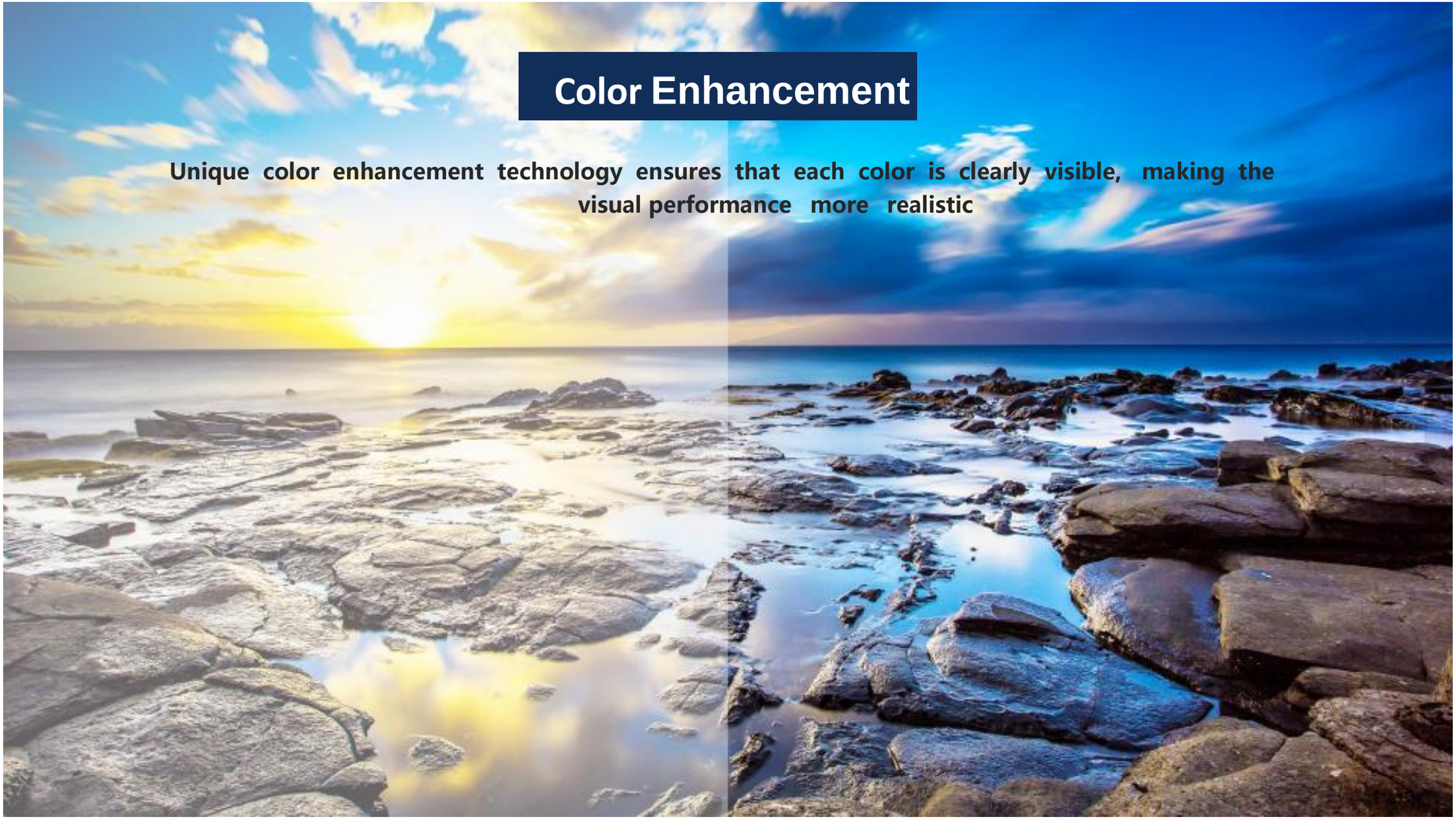
High grey scale



High grey scale



Low grey scale


Color Enhancement
Unique color enhancement technology ensures that each color is clearly visible, making the visual performance more realistic

VIEWING PERFORMANCE

WIDE VIEWING ANGLE



TECHNICAL SPECIFICATIONS

PIXEL PITCH & CABINET PARAMETERS

Item	P1.953	P2.604	P2.976	P3.91	P4.81
Pixel Pitch (mm)	1.953	2.604	2.976	3.91	4.81
LED Encapsulation	SMD1515	SMD1515 SMD1415	SMD1515 SMD1415	SMD2020 SMD1921	SMD2020 SMD1921
Module Resolution (pixels)	128X128	96x96	84x84	64x64	52x52
Module Size (mm)	250X250	250x250	250x250	250x250	250x250
Panel Resolution (pixels)	256X256 256X512	192x192 192x384	168x168 168x336	128x128 128x256	104x104 104x208
Panel Size (mm)	500x500x87 500x1000x87	500x500x87 500x1000x87	500x500x87 500x1000x87	500x500x87 500x1000x87	500x500x87 500x1000x87
Weight (kg/pcs)	7/14	7/14	7/14	7/14	7/14
Physical Density (pixels/m²)	262144	147456	112896	65536	43264
Optimum Viewing Angle	H:160° V:160°	H:160° V:160°	H:160° V:160°	H:160° V:160°	H:160° V:160°
Viewing Distance (m)	>2	>3	>3	>4	>5
Input Voltage	110-220VAC ±10%	110-220VAC ±10%	110-220VAC ±10%	110-220VAC ±10%	110-220VAC ±10%
Max. Power Consumption (W/m²)	500-800	500-800	500-800	500-800	500-800
Avg. Power Consumption (W/m²)	250-360	250-360	250-360	250-360	250-360
Brightness (cd/m²)	900 INDOOR	5000 OUTDOOR	1000 INDOOR 5000 OUTDOOR	5500 OUTDOOR	5500 OUTDOOR
Refresh Frequency (Hz)	>3840	>3840	>3840	>3840	>3840
Frame Frequency (Hz)	50-60	50-60	50-60	50-60	50-60
Grayscale (bit)	14-16				
Operating Temperature / Humidity	-10°C to 50°C / 10-90% RH				