



LED Indoor Video Wall

TPS-12

P series

Features

Lamp Beads

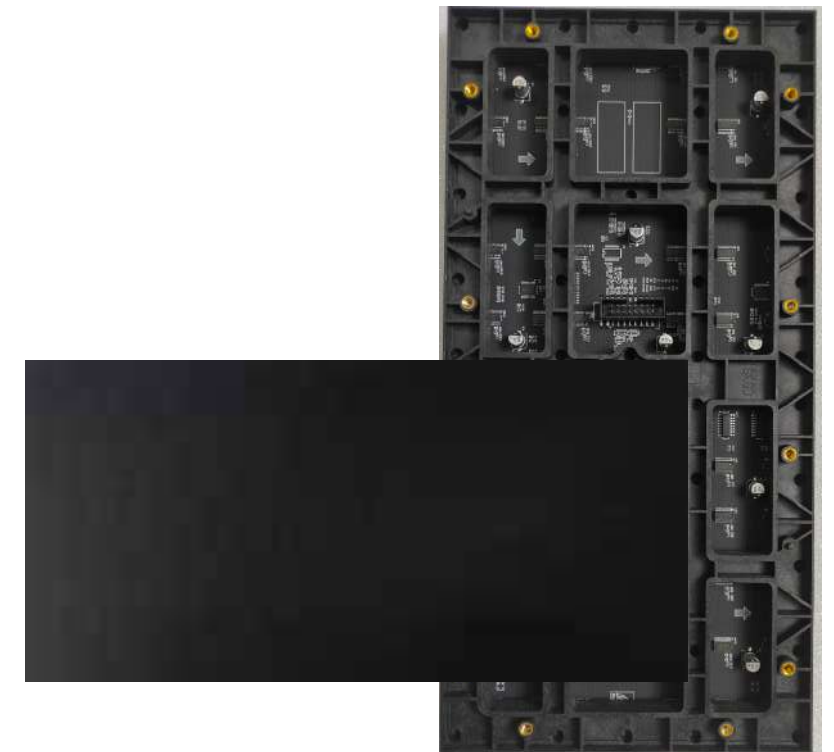
Carefully selected self-packaged high-quality lamp beads ensure higher contrast and reliability.

IC

Precision-selected PWM driver IC ensures a higher refresh rate, wider viewing angle, and an immersive viewing experience.

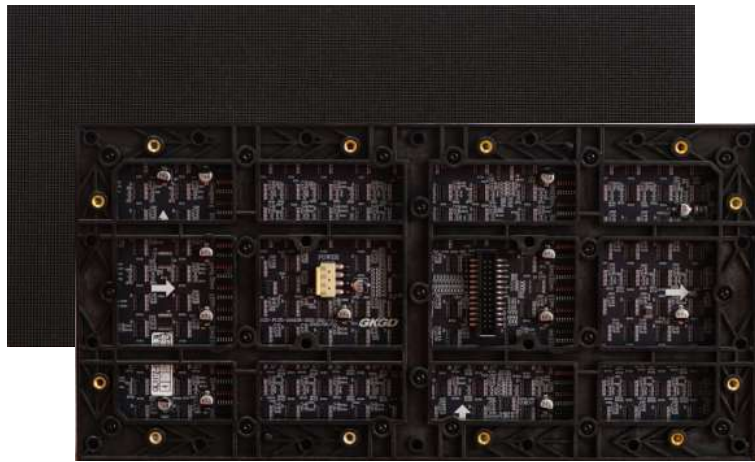
Kit

Featuring a brand-new high-tech bottom case design, this kit offers a rational structure and utilizes high-quality materials, making it suitable for various environments.



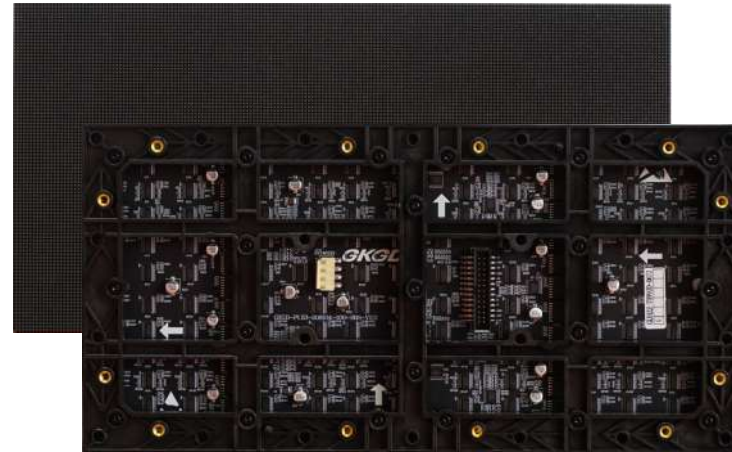
P series

TPS-12-125



P1.25

TPS-12-153



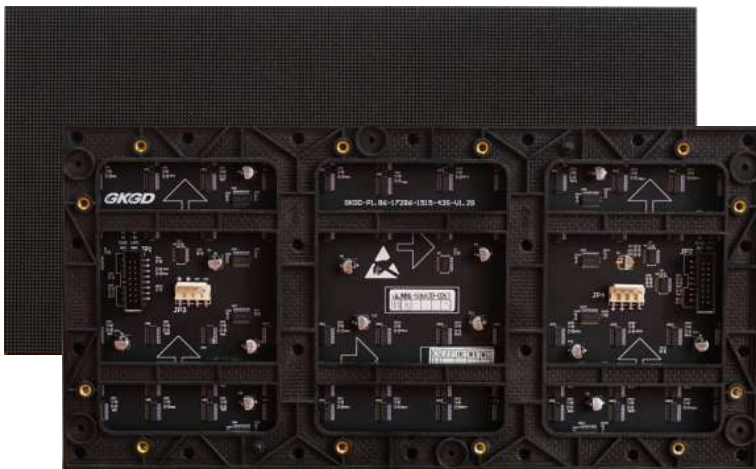
P1.53

TPS-12-166



P1.667

TPS-12-186



P1.86

TPS-12-200



P2

TPS-12-250



P2.5

TPS-12-300



P3

Specifications

Pixel pitch	1.25	1.53	1.667	1.86	2	2
Pixel density (dots/m ²)	640000	422500	360000	288906	25000	250000
LED Package	SMD1010	SMD1212	SMD1212	SMD1515	SMD1515	SMD1515
Resolution (dots)	256*128	208*104	192*96	172*86	160*80	160*80
Module Size (mm)	320*160	320*160	320*160	320*160	320*160	320*160
Weight (KG)	0.520	0.500	0.480	0.443	0.42	0.42
Scan method	1/32S	1/26S	1/48S	1/43S	1/40S	1/40S
Refresh Rate (Hz)	≥3840	≥3840	≥3840	≥3840	≥3840	≥1920
Viewing angle (degree)	H≥160° V≥140°					
Color Temperature	3000-18000K adjustable					
Drive IC	PWM HD High-End driver IC					
Brightness (cd/m ²)	≥550				≥600	
Best viewing distance(m)	1.25	1.53	1.667	1.86	2	2
Max Current (A)	6.4	6.1	6.2	5.1	4.8	4.5
Operating Voltage (V)	4.2-5	4.2-5	4.2-5	4.2-5	5	5
Average Power (W/m ²)	317	299	305	246	235	211
Max power (W/m ²)	633	598	609	492	469	422

Specifications

Pixel pitch	2.5	2.5	3	3
Pixel density (dots/m ²)	160000	160000	111111	111111
LED Package	SMD1515/2020	SMD1515/2020	SMD1515/2020	SMD1515/2020
Resolution (dots)	128×64	128*64	64×64	64×64
Module Size (mm)	320×160	320×160	192×192	192×192
Weight (KG)	0.42	0.42	0.23	0.23
Scan method	1/32	1/32	1/32	1/32
Refresh Rate(Hz)	≥3840	≥1920	≥3840	≥1920
Viewing angle (degree)	H≥160° V≥140°			
Color Temperature	3000-18000K adjustable			
Drive IC	PWM HD High-End driver IC			
Brightness (cd/m ²)	≥600			
Best viewing distance (m)	≥2.5	≥2.5	≥3	≥3
Max Current(A)	4.3	4.3	2.9	2.9
Operating Voltage(V)	5	5	5	5
Average Power(W/m ²)	211	211	204	204
Max power(W/m ²)	422	422	408	408

Indoor Cabinet



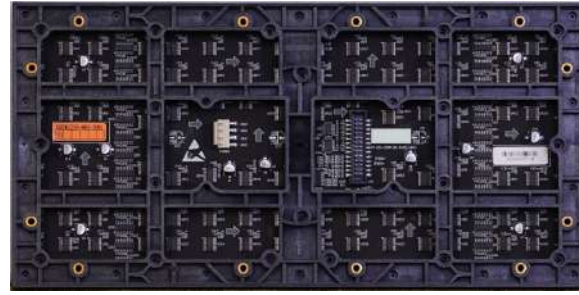
Die-cast Aluminum Material

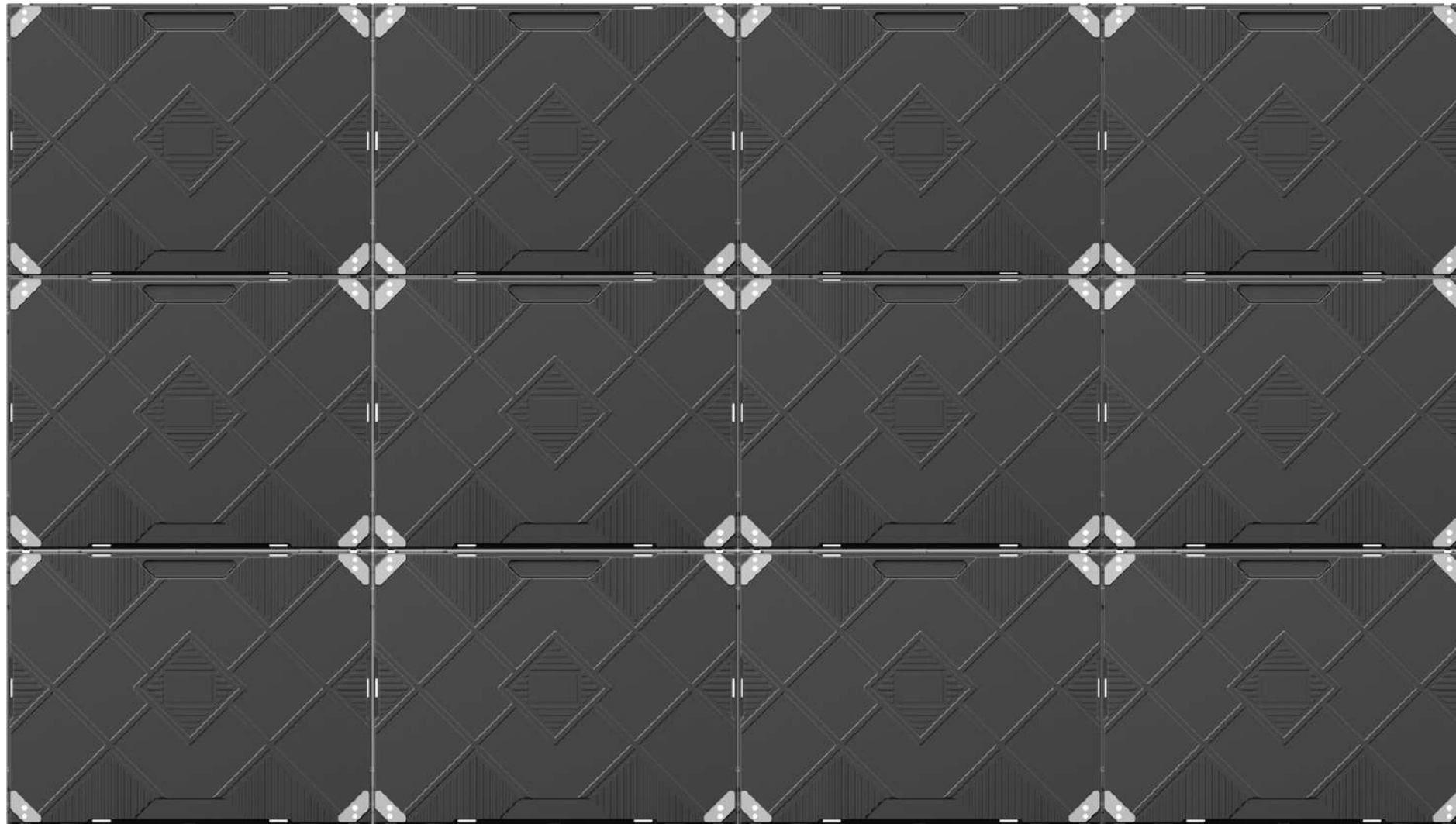
In contrast to magnesium alloy, our cabinets boast higher accuracy. Despite weighing 3.9KG, slightly heavier than the average market weight of 3.5KG, our cabinets offer enhanced durability and resistance to deformation during transportation and usage.

Cabinet Size: W640*H480*D49mm、W320*H160*D49mm



Multiple models of modules can be adapted, P1.25 - P3





Hidden routing

The internal wiring ensures a clean and tidy appearance of the screen.

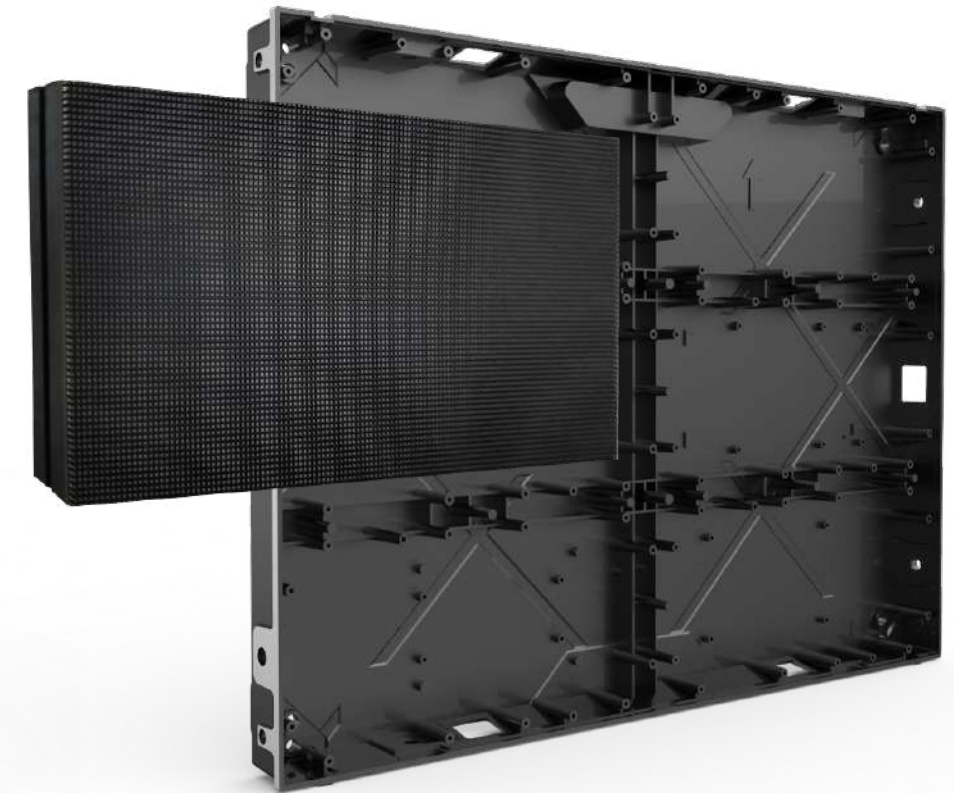
49 cm



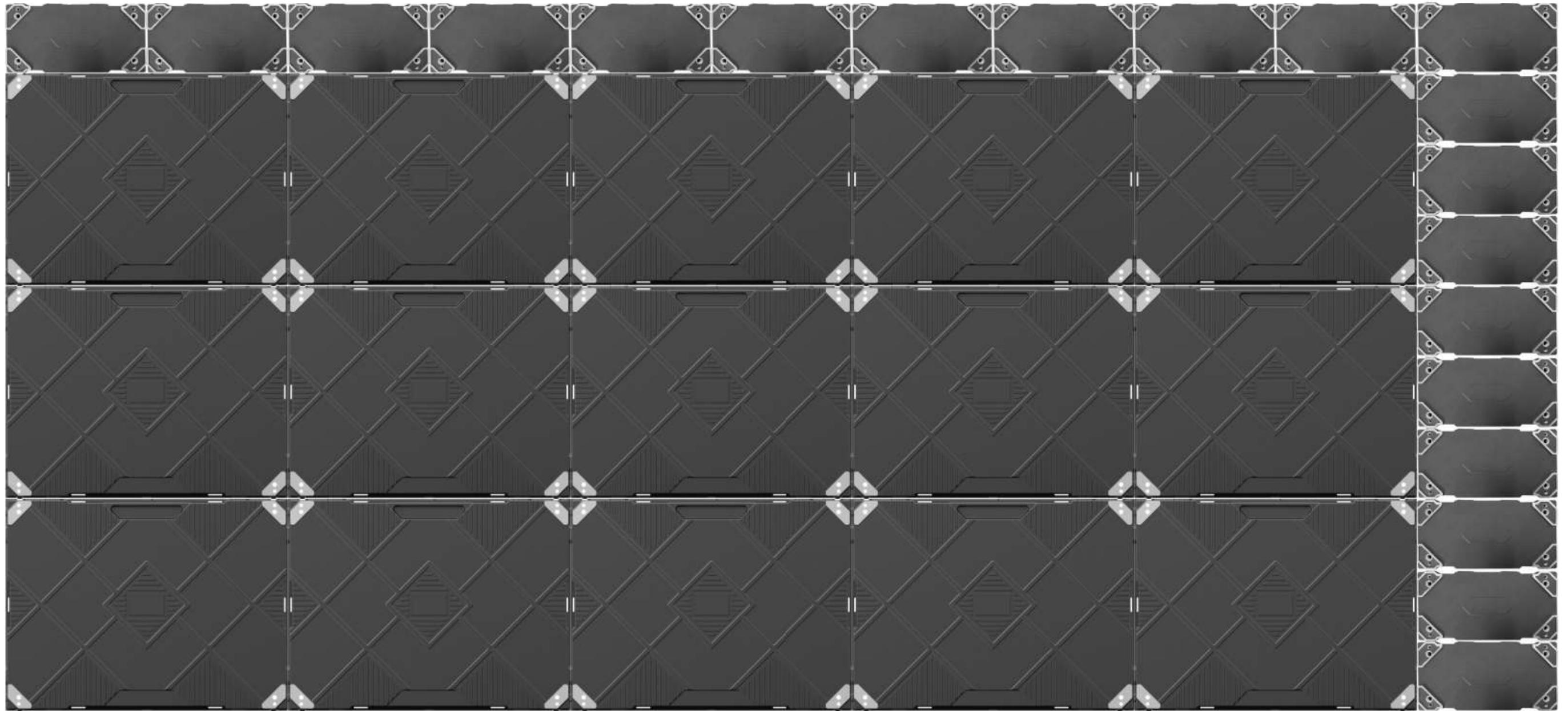
The 49mm thickness of the box offers generous space, facilitating module assembly with ease.



Cabinet plane precision of $\leq 0.15\text{mm}$ ensures seamless splicing for a flawless display.



Distinct structural design ensures that boxes and modules are shipped separately, reducing the risk of collisions during transportation.



Compatible with 320*160 cabinets, enabling seamless splicing of any screen size without concerns.

Case Studies



Scenic spots: Indoor
Full Color P3



Cultural Park: Indoor
Full Color P3



Opera House: Indoor Full Color P2.5



Cultural Park: Indoor
Full Color P4



art Center: Indoor



Studio: Indoor

Professional Packaging & Transportation

