



General Session & Exposition Audio Visual Rentals

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D-WAVE Max



Digital Display & Advertising Solution

Series Overview



EXPERIENCE

- A huge customized LED wall made of hundreds of LED modules controls Max.65536 pcs display unit.
- The units to slide forward then back respectively according to the video content.
- The user is able to make infinite creativity design to present an excellent 3D visual effect.

Specification Parameters



Total Cabinet
Resolution: 256x256

Pitch	Indoor-P1.945
LED Module Dimension(WxH)(mm)	248.5x248.5
Gap between Units(mm)	1.5(1.0~2.0)
Motion Unit Dimension(WxH)(mm)	248.5x248.5 (0.0618m²)
Resolution of Unit / Cabinet	128x128
Cabinet Dimension (Motion Units Qty)	500×500 (2x2)
Cabinet Thickness (Standby mode) (mm)	320
Max. Forward Stroke(mm)	200
Max. Forward Speed(mm/s)	500
Min. Forward-back Cycle Time(s)	0.5
Motion Qty per Sqm	16
Weight per Sqm(kg/m²)	52 (13kg / 28.7 lbs per cabinet)
Max. Power Capacity(w/m²)	720 (180 watts per cabinet)
Power Supply Requirement	≤3KW:220V Single phase ≥3KW:380V Three phases/Five wires
Screen Brightness(cd/m²)	≥600
Ambient Temperature(°C)	0 ~ 40°C
Environmental Attentions	Indoor, No etchant gas, No inflammable gas, No oiled mist and dust
Heat Dissipation	Open self-cooling (with fan cooling)
Refresh Rate	3,840 hz

Specification Parameters



Total cabinet
resolution: 256x256



Pixel Pitch	P1.5625	P1.945	P2.604	P3.91
LED Module Size (mm)	248.5x248.5			
Module Spacing (mm)	1.5(1.0~2.0)			
Moving Unit Size (mm)	248.5x248.5 (0.0618m²)			
Unit / Module Resolution	160X160	128X128	96X96	64x64
Box Cabinet Size (Number of Moving Units)	500x500 mm (2x2)			
Box Cabinet Thickness (Idle Mode) (mm)	320 mm			
Maximum Extension Stroke (mm)	200mm			
Maximum Extension Speed (mm/s)	500mm			
Minimum Cycle Time for Extension/Retraction (s)	0.5			
Number of Moving Units per Square Meter	16			
Weight per Square Meter (kg/m²)	52 (13kg / 28.7lbs per cabinet)			
Maximum Power Capacity (W/m²)	720 (180 watts per cabinet)			
Power Requirements	≤3KW-220V Single Phase; ≥3KW-380V Three Phase/Five Wire			
Screen Brightness (cd/m²)	≥600			
Ambient Temperature (°C)	0 ~ 40°C			
Environmental Requirements	Indoor use, no corrosive gases, no flammable gases, no oil mist and dust			
Cooling Method	Open self-cooling (including fan cooling)			
Refresh Rate	3,840 hz			

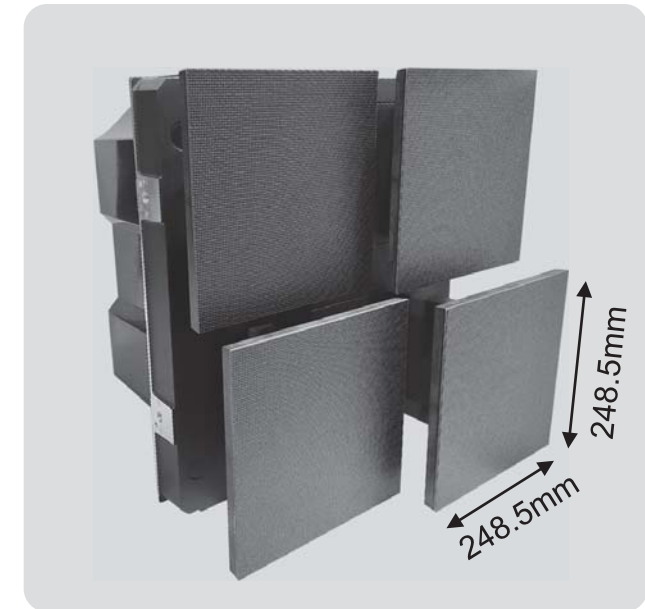
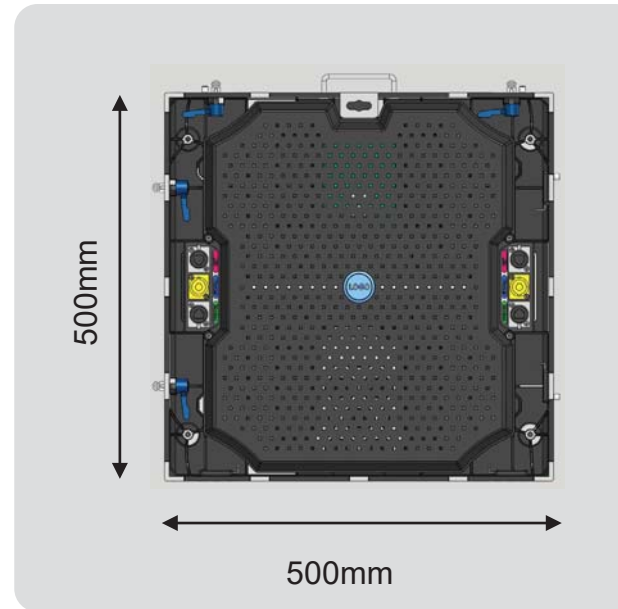
Product Introduction



Motion Unit Size (Module)
248.5x248.5 (0.0618m²)

Cabinet Size(Motion Units Qty)
500×500mm(2×2)

Weight Each Cabinet
13kg



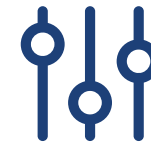
Easy Installation



Independent Software

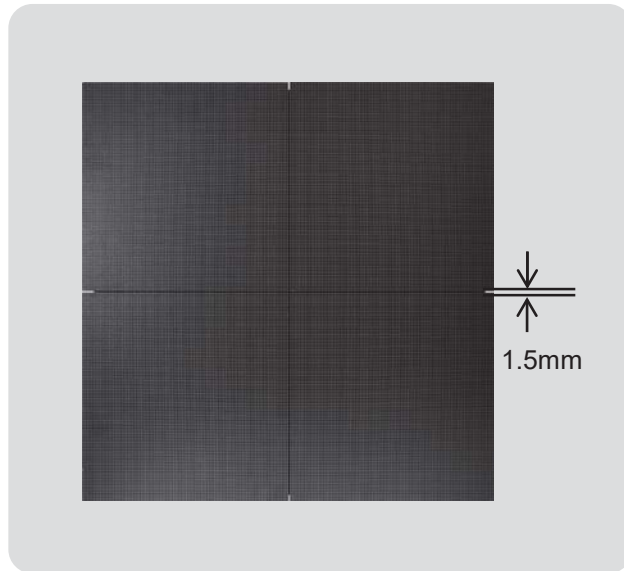


Easy Maintenance



High-precision control

Product Features



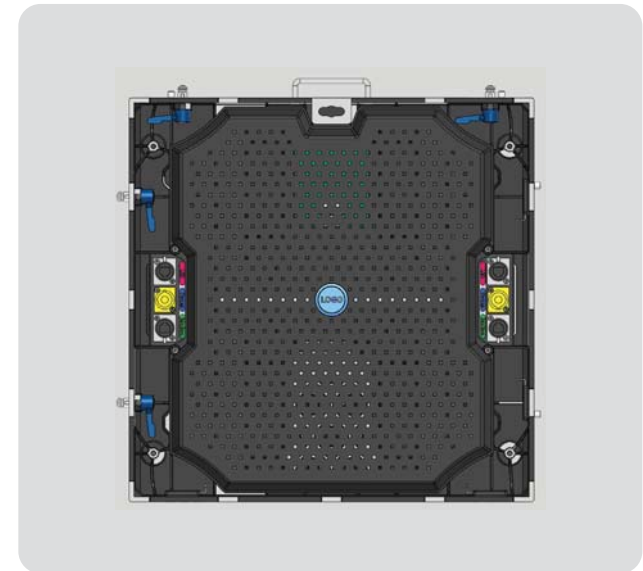
Ultra-thin gap

- Gap between Units of Indoor 250-I is $\leq 1.5\text{mm}$.
- The precise sliding structure and the extremely fine gap between the screens present more complete and clear content.



Forward Stroke

- The forward stroke can reach 200mm.
- More realistic 3D visual effect.



Precision Machining Technology

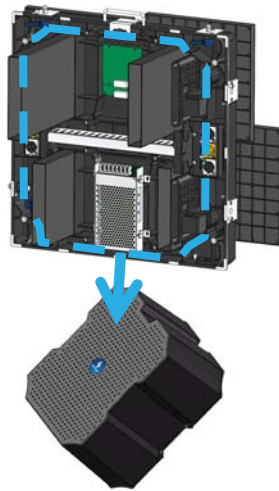
- More than 90% of mechanical parts are precision processed.
- Industrial linear guides ensure accurate operation.

Product Features



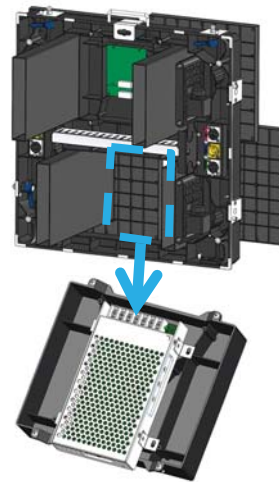
Indoor Rear
Maintenance

Maintenance Steps



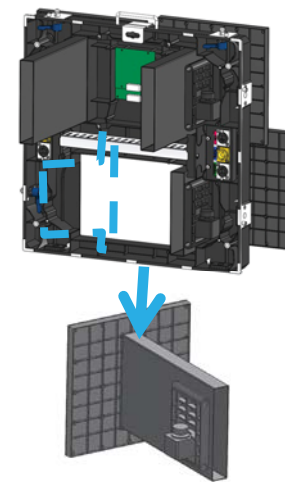
A

Open the back cover to repair the entire circuit, receiving card, and power supply.



B

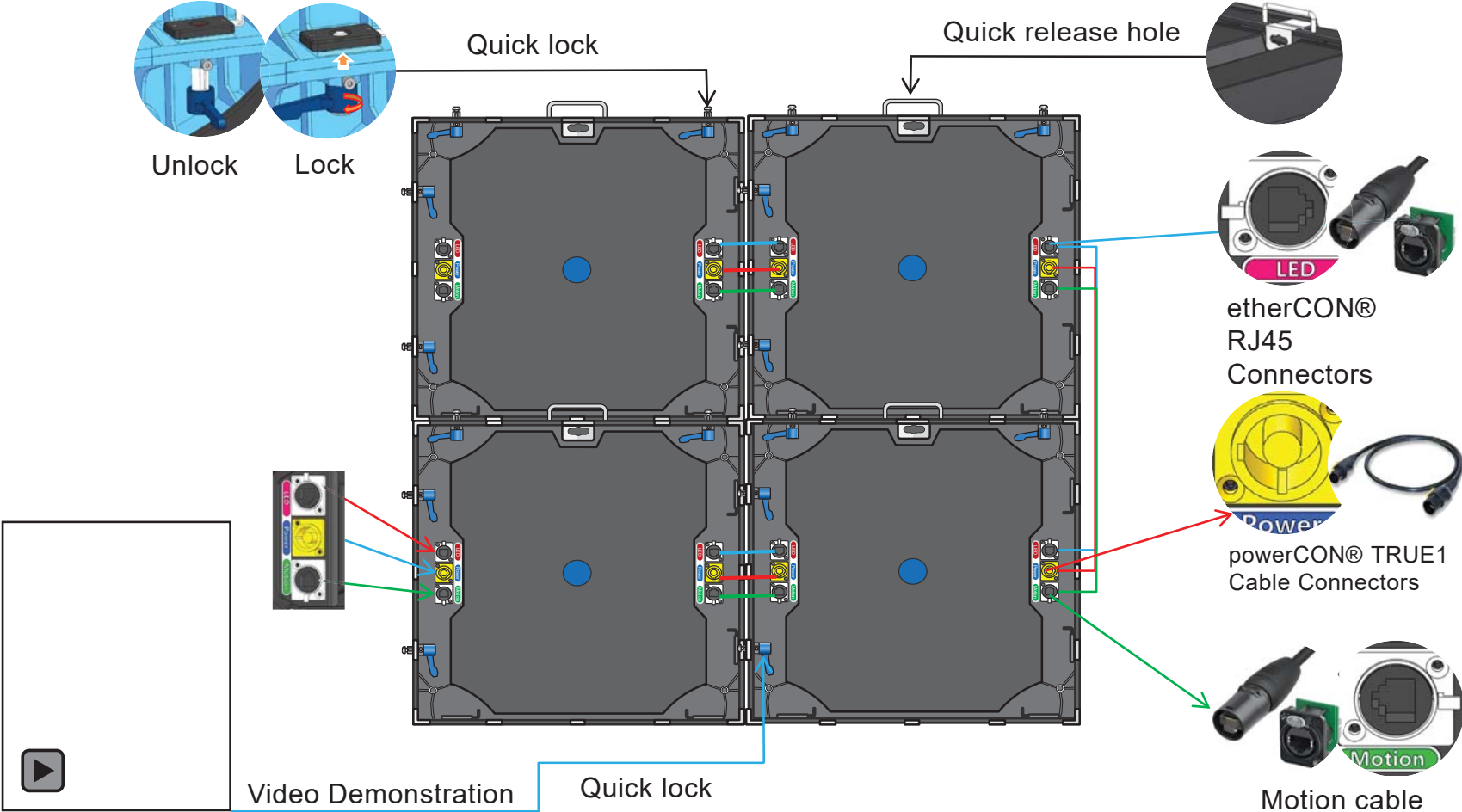
Removed the power supply mounting plate, revealing a large hole.



C

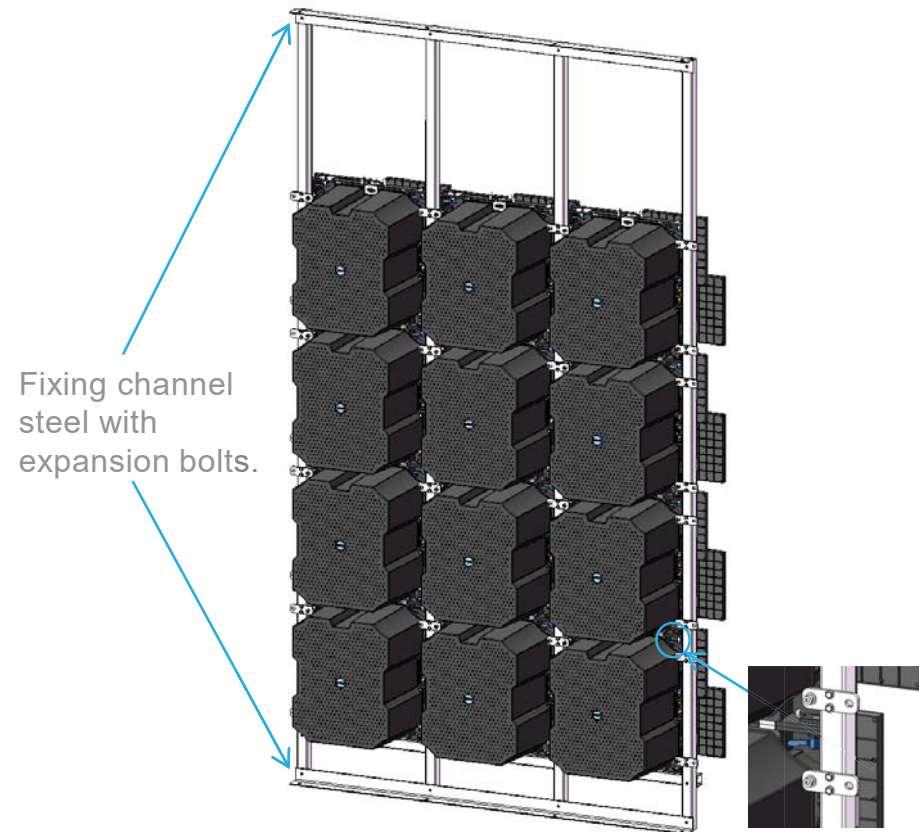
The entire motion unit can be removed, and then the motion mechanism and modules can be repaired.

Product Features

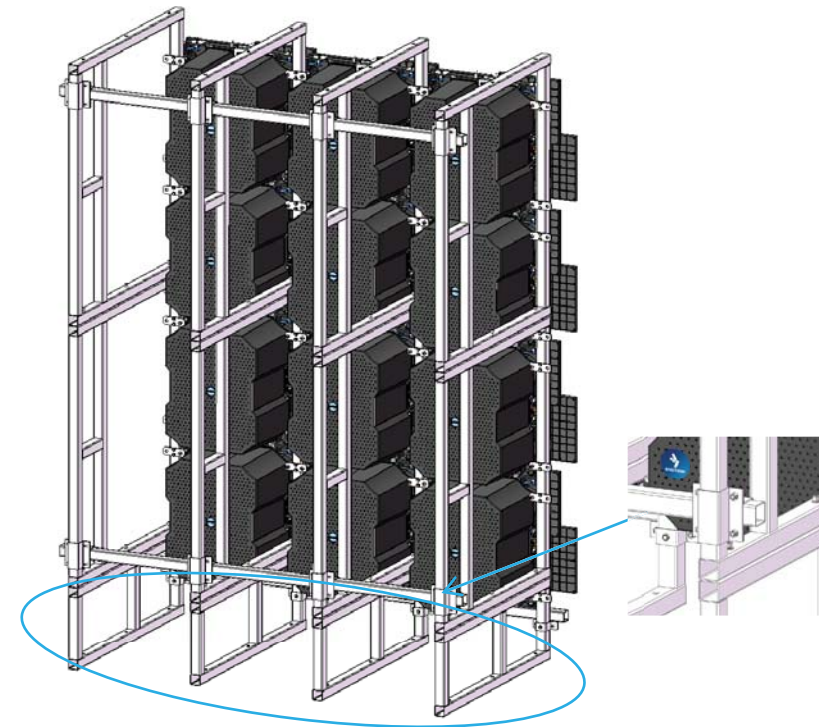


Structure Introduction

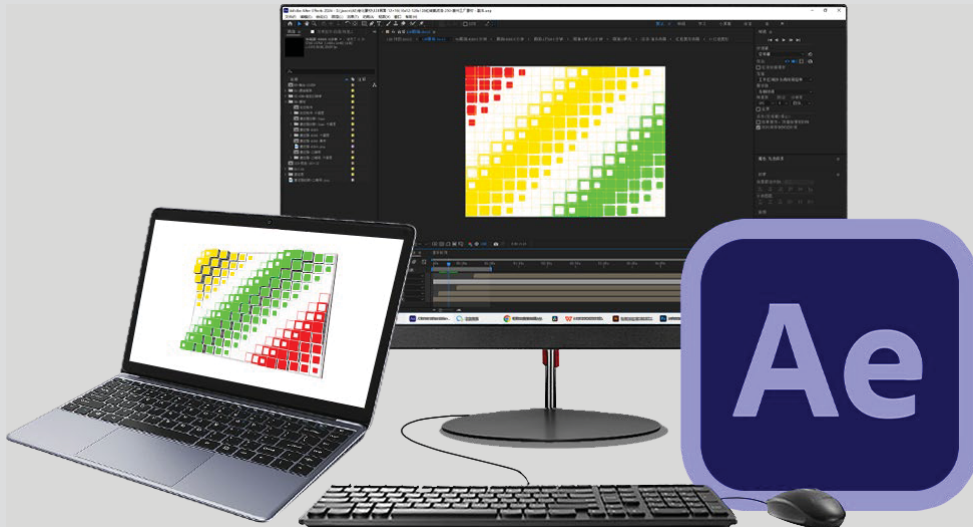
Fixed To Ceiling Structure



Stacking Structure



Put heavy weights in the bottom position to keep the structure steady.



- Specifically designed digital content editing software for the screen.
- Simplifies the production process of movies and actions.
- Easily creates a 3D game like creative output.



Quick Output



Easy Operation



3D Preview

Connection Diagram

LED Display Motion Control



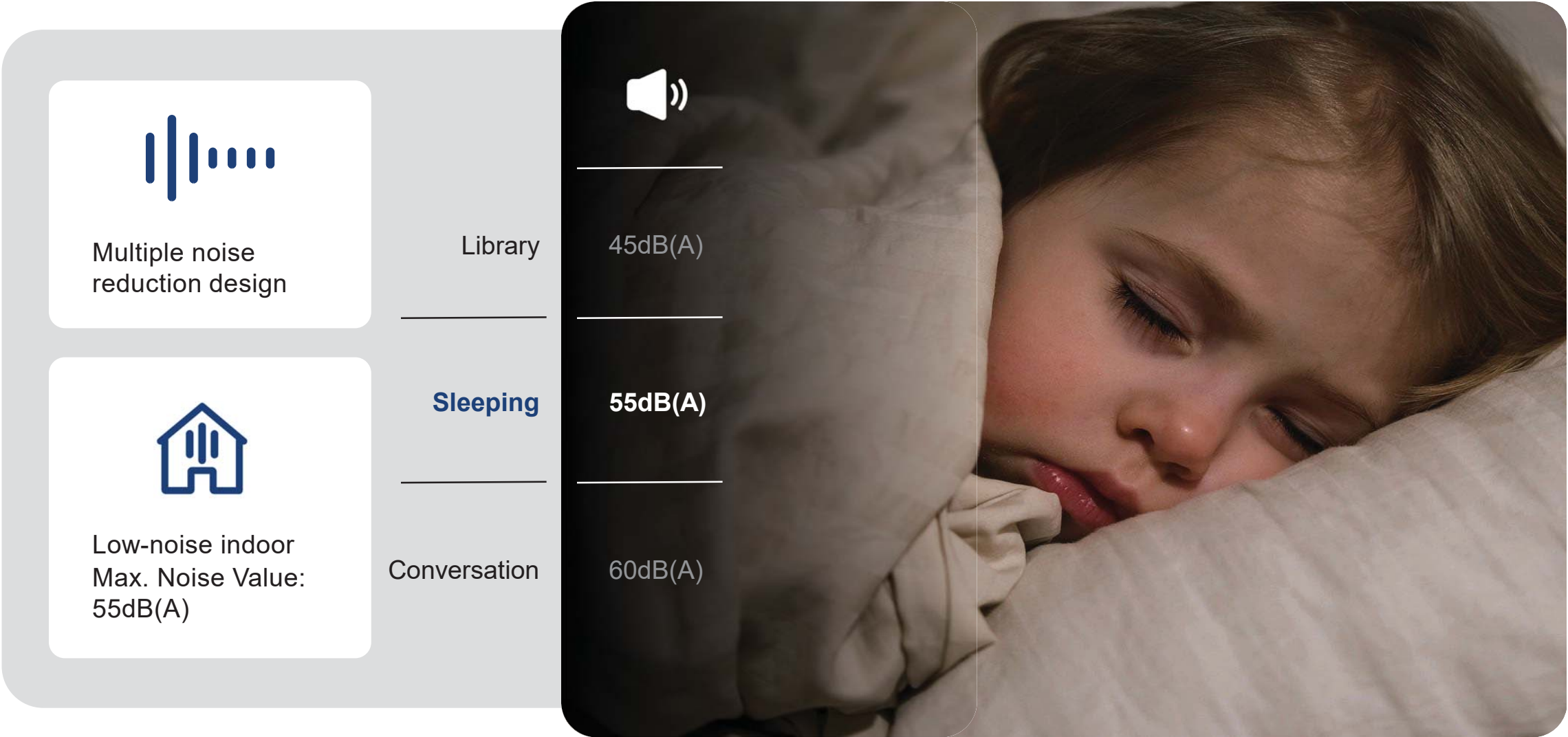
Kinetic Screen



Control PC

The display screen connection is consistent with the LED display connection, while the motion module connection is an additional connection.

Product Features



Application Scenarios



Shopping Mall



Metro Station



Railway Station



Cinema



Building



Science Museum



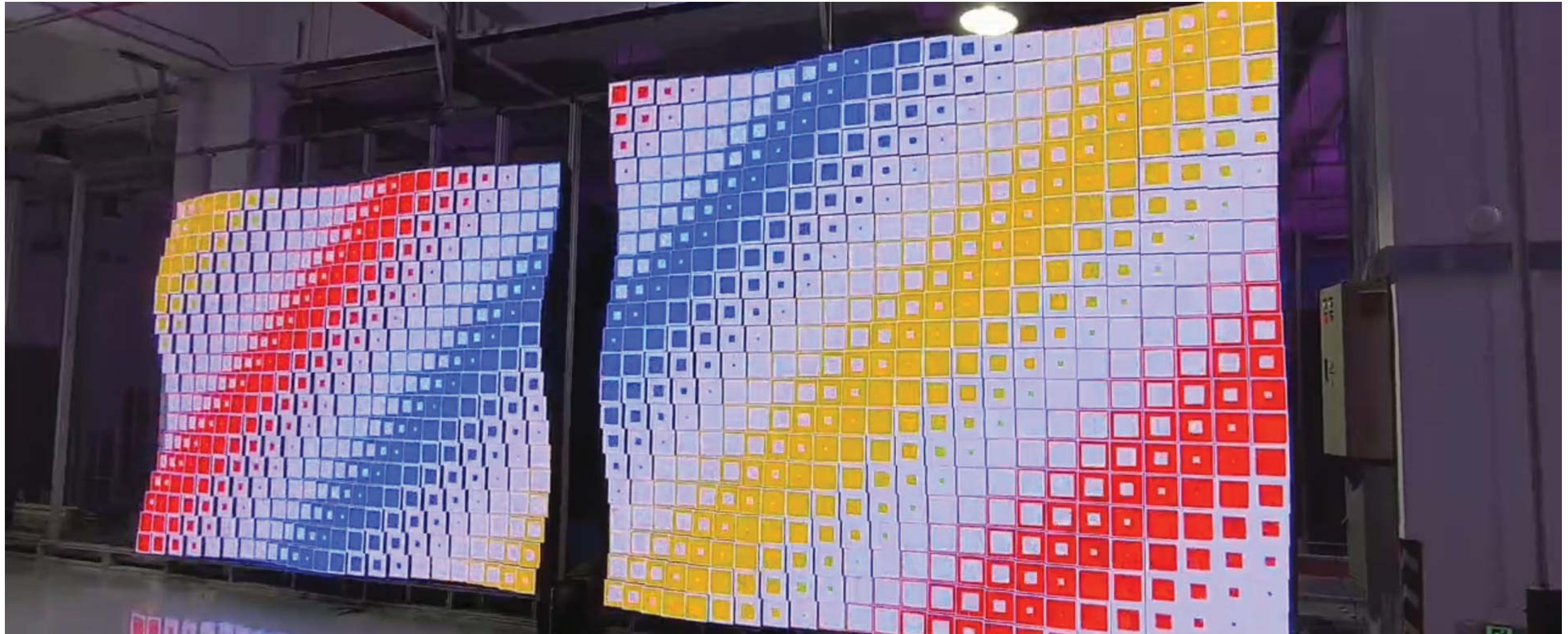
Outdoor · Jakarta Indonesia

Interactive Dooh: The First And Largest Outdoor LED Interactive Screen Around the World



Indoor
Macao SAR, China

Project Case



Indoor
Mumbai, India



Indoor
Beijing, China



Indoor
Riyadh, Saudi Arabia