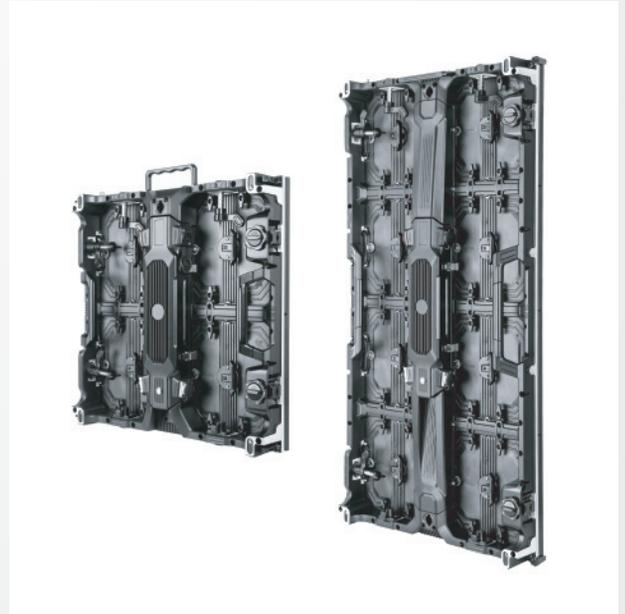


BIR-E Series

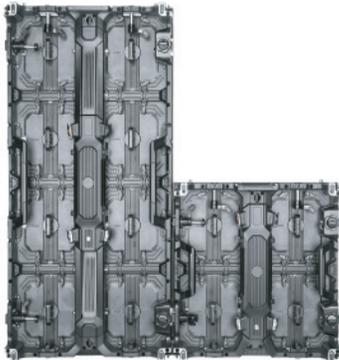
Indoor Rental LED Display

High Color Deep & Greyscale
High Refresh Rate & Contrast Ratio
Fast Assemble and Easy Maintenance



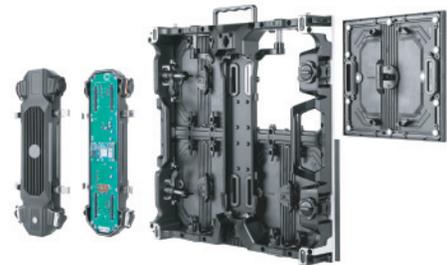
Slim, Light Weight and Quiet

- › 500mm x 500mm or 500mm x 1000mm cabinet
- › 78mm thickness, 7kg per cabinet
- › Work Quietly



User Friendly and Fast Installation

- › Both front or rear accessible
- › Fast Lock and handle designed user friendly
- › Modular power and signal box replaceable
- › Tools free installation



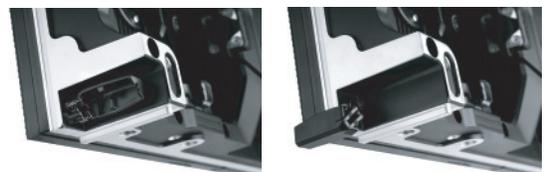
Unsurpassed Color Uniformity

- › Unique color calibration process
- › Tight bin selection for LED wavelength
- › Deep black levels, contrast ratio 4000:1



Crash Proof Design

- › Corner Protection
- › Avoid crashing when packing and assembling
- › Easy to stand on ground or table for demonstration



BIR-E / Specifications

	BIR-E-2X	BIR-E-2	BIR-E-3
Physical Pitch	2.6 mm	2.97 mm	3.91 mm
Pixel Configuration	SMD 2121	SMD 2121	SMD 2121
Pixel Density	147,456 pixels/m ²	112,896 pixels/m ²	65,536 pixels/m ²
Module Dimensions (W × H) (mm)	250 × 250	250 × 250	250 × 250
Panel Dimensions (mm)	500 × 500 × 80 / 500 × 1000 × 80	500 × 500 × 80 / 500 × 1000 × 80	500 × 500 × 80 / 500 × 1000 × 80
NO.of Modules Per Panel (W × H)	2 × 2 / 2 × 4	2 × 2 / 2 × 4	2 × 2 / 2 × 4
Physical Resolution of Module (W × H)	96 × 96	84 × 84	64 × 64
Physical Resolution of Panel (W × H)	192 × 192 / 192 × 384	168 × 168 / 168 × 336	128 × 128 / 128 × 256
Panel Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Single Cabinet Weight	7 / 14 kg/panel	7 / 14 kg/panel	7 / 14 kg/panel
Gray Scale	16 bit	16 bit	16 bit
Colours	281 trillion	281 trillion	281 trillion
Contrast Ratio	4,000 : 1	4,000 : 1	4,000 : 1
Average Power Consumption	400 W / m ²	400 W / m ²	325 W / m ²
Max Power Consumption	800 W / m ²	800 W / m ²	780 W / m ²
Operating Temp/Humidity	-10 C - 60 C / 10% - 60%	-10 C - 60 C / 10% - 60%	-10 C - 60 C / 10% - 60%
Storage Temp/Humidity	-30 C - 60 C / 10% - 60%	-30 C - 60 C / 10% - 60%	-30 C - 60 C / 10% - 60%
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz
Brightness	≥1,000 nits	≥1,000 nits	≥1,000 nits
Horizontal Viewing Angle	160°	160°	160°
Vertical Viewing Angle	140°	140°	140°
Expected Lifetime	100, 000 Hrs	100, 000 Hrs	100, 000 Hrs
Max Stacking	20 / 10	20 / 10	20 / 10
Max Hanging	20 / 10	20 / 10	20 / 10
Servicing	Front / Rear	Front / Rear	Front / Rear
IP Rating (Front/Rear)	IP 40 / IP 21	IP 40 / IP 21	IP 40 / IP 21
Scan Method	1/32 Scan	1/28 Scan	1/16 Scan

Typical Applications:

- Touring Rental
- Stage Rental
- DJ Touring
- Shopping Mall
- Car Show
- Fashion Store
- House of Worship
- Theme
- Reception Hall
- Opera House
- Wedding Hall
- Resort