

BAKO VISION

BIR- II Series

User Friendly,
Indoor Rental LED Display

Lightweight, Large Format Cabinet
500mmx500mm or 500mmx1000mm Cabinet
High Definition Indoor Display
Curvilinear, Concave, Convex
Floor Screen Available



Unsurpassed Color Uniformity

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



User Friendly and Fast Installation

- › Truss hanging and ground support both available
- › Fast Lock and handle designed user friendly
- › Front and rear access
- › Tools free installation



Floor Screen Available

- › Durable PC mask and adjustable foot bracket are ready
- › Interactive effect and radar integration are optional



Smart Concave and Convex

- › Both 500mmx500mm and 500mmx1000mm cabinets are arc-able
- › 0°-10° concave and convex degree



BIR- II / Specifications

	BIR- II -2X	BIR- II -2	BIR- II -3	BIR- II -4
Physical Pitch	2.6mm	2.97 mm	3.91 mm	4.81 mm
Pixel Configuration	SMD 2121	SMD 2121	SMD 2121	SMD 2121
Pixel Density	147,456 pixels/m ²	112,896 pixels/m ²	65,536 pixels/m ²	43,264 pixels/m ²
Module Dimensions (W × H) (mm)	250 × 250	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	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	2 × 2 / 2 × 4
Physical Resolution of Module (W × H)	96 × 96	84 × 84	64 × 64	52 × 52
Physical Resolution of Panel (W × H)	192 × 192 / 192 × 384	168 × 168 / 168 × 336	128 × 128 / 128 × 256	104 × 104 / 104 × 208
Panel Material	Die-Casting Aluminum	Die-Casting Aluminum	Die-Casting Aluminum	Die-Casting Aluminum
Single Cabinet Weight	8 / 14 kg / panel	8 / 14 kg / panel	8 / 14 kg / panel	8 / 14 kg / panel
Gray Scale	16 bit	16 bit	16 bit	16 bit
Colours	281 trillion	281 trillion	281 trillion	281 trillion
Contrast Ratio	4,000 : 1	4,000 : 1	4,000 : 1	4,000 : 1
Average Power Consumption	400 W / m ²	400 W / m ²	325 W / m ²	310 W / m ²
Max Power Consumption	800 W / m ²	800 W / m ²	780 W / m ²	750 W / m ²
Operating Temp/Humidity	-10 C - 60 C / 10% - 60%	-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%	-30 C - 60 C / 10% - 60%
Refresh Rate	>1,920Hz	>1,920Hz	>1,920Hz	>1,920Hz
Brightness	≥1,200 nits	≥1,200 nits	≥1,200 nits	≥1,200 nits
Horizontal Viewing Angle	160°	160°	160°	160°
Vertical Viewing Angle	140°	140°	140°	140°
Expected Lifetime	100,000 Hrs	100,000 Hrs	100,000 Hrs	100,000 Hrs
Max Stacking	20 / 10	20 / 10	20 / 10	20 / 10
Max Hanging	20 / 10	20 / 10	20 / 10	20 / 10
Servicing	Front / Rear	Front / Rear	Front / Rear	Front / Rear
IP Rating (Front/Rear)	IP 40 / IP 21	IP 40 / IP 21	IP 40 / IP 21	IP 40 / IP 21
Scan Method	1/32 Scan	1/28 Scan	1/16 Scan	1/13 Scan

Typical Applications:

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