

BAKO VISION

BIR- I Series

One Chassis,
Various Module Options

TUV Certificated and Reddot Awarded
Cabinet 500mmx500mm or 500mmx1000mm
High Definition Indoor Display
Curvilinear, Concave, Convex



Unsurpassed Color Uniformity

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



Fast Installation and Easy Maintenance

- > Truss hanging and ground support both available
- > Cable-less between modules
- > Front and rear access
- > Tools free installation



Slim, Light Weight and Quiet

- > 500mmx500mm or 500mmx1000mm cabinet
- > 80mm thickness, 7 KG per cabinet
- > Fanless design



Superior Electrical Features

- > Dual signal backup port
- > UI LCD monitoring display indicates the status



BIR- I / Specifications

	BIR- I -2X	BIR- I -2	BIR- I -3	BIR- I -4
Physical Pitch	2.6 mm	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)	500 × 125 / 500 × 125	250 × 250 / 250 × 500	250 × 250 / 250 × 500	250 × 250 / 250 × 500
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)	1 × 4 / 1 × 8	2 × 2	2 × 2	2 × 2
Physical Resolution of Module (W × H)	192 × 48 / 192 × 48	84 × 84 / 84 × 168	64 × 64 / 64 × 128	52 × 52 / 52 × 104
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	7 / 13 kg/panel	7 / 13 kg/panel	7 / 13 kg/panel	7 / 13 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	>1,920 Hz	>1,920 Hz	>1,920 Hz	>1,920 Hz
Brightness	900 - 1,200 nits	900 - 1,200 nits	900 - 1,200 nits	900 - 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:

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