

## BAKO VISION

### BDF Series

Die Casting, One Chassis,  
Variable Pitch Options

Lightweight Large Format, Slim and Smart  
Ideal Substitution for Traditional Cabinets  
I/O advertising billboards



### Smart and Variable

- > One standard chassis 1024mmx768mm, covering pitches from 2.6mm to 10.6mm
- > Suitable brightness adjustable for outdoor day and night
- > Deep black levels, contrast ratio 4000:1



### Slim, Light Weight and Quiet

- > Die casting cabinet, 27-32kg per cabinet
- > 100mm thickness
- > Fanless design



Iron:1024\*768mm  
55KG



Die-cast aluminum 1024\*768mm  
35KG

### Fast Installation and Easy Maintenance

- > Fast lock system design guarantees a quick and easy installation
- > Front and rear access



Easy Install

### Versatile Dural Purpose Design

- > Cabinet can be reclined between 0-30 degree to ensure the best angle for audience and camera
- > Adding with ground adjustable bracket and protection foam bumper can be transformed to be perimeter display



## BDF / Specifications

	BDF-2	BDF-3	BDF-5	BDF-6
Physical Pitch	2.6mm	3.2mm	5.33mm	6.4mm
Pixel Configuration	SMD 1617	SMD 1617	SMD 1921	SMD 2727
Pixel Density	141,376 pixels/m <sup>2</sup>	97,656 pixels/m <sup>2</sup>	35,200 pixels/m <sup>2</sup>	24,414 pixels/m <sup>2</sup>
Module Dimensions (W× H) (mm)	512 × 256	512 × 256	512 × 256	512 × 256
Panel Dimensions (mm)	1024 × 768 × 100	1024 × 768 × 100	1024 × 768 × 100	1024 × 768 × 100
NO.of Modules Per Panel (W × H)	2 × 3	2 × 3	2 × 3	2 × 3
Physical Resolution of Module (W × H)	192 × 98	160 × 80	96 × 48	80 × 40
Physical Resolution of Panel (W × H)	394 × 294	320 × 240	192 × 144	160 × 120
Panel Material	Die -Casting	Die -Casting	Die -Casting	Die -Casting
Single Cabinet Weight	35 kg	35 kg	35 kg	35 kg
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	2,000 : 1 / 4,000 : 1	2,000 : 1 / 4,000 : 1
Average Power Consumption	240 W / panel	240 W / panel	240 W / panel	240 W / panel
Max Power Consumption	600 W / panel	600 W / panel	600 W / panel	600 W / panel
Refresh Rate	>1,920 Hz	>1,920 Hz	>1,920 Hz	>1,920 Hz
Brightness	≥2,500 nits	≥4,000 nits	≥4,500 nits	≥5,500 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
Servicing	Front / Rear	Front / Rear	Front / Rear	Front / Rear
IP Rating (Front/Rear)	IP65 / IP54	IP65 / IP54	IP65 / IP54	IP65 / IP54
Operating Temp/Humidity	-20 C - 60 C / 10% - 90%	-20 C - 60 C / 10% - 90%	-20 C - 60 C / 10% - 90%	-20 C - 60 C / 10% - 90%
Storage Temp/Humidity	-30 C - 60 C / 10% - 90%	-30 C - 60 C / 10% - 90%	-30 C - 60 C / 10% - 90%	-30 C - 60 C / 10% - 90%
Scan Method	1/24 Scan	1/20 Scan	1/8 Scan	1/5 Scan

## Typical Applications:

- DOOH Display
- Car Show
- Reception Hall
- Stage Rental
- Building Facade
- Chain Store
- Window Display
- Stadium
- Theme Resort
- Bar Club
- Exhibition Hall
- Shopping Mall

## BDF / Specifications

	BDF-8	BDF-10	BDF-12	BDF-16
Physical Pitch	8mm	10.66mm	12.8mm	16mm
Pixel Configuration	SMD 2727	SMD 3535	SMD 2727	DIP 346
Pixel Density	15,625 pixels/m <sup>2</sup>	8,800 pixels/m <sup>2</sup>	6,103 pixels/m <sup>2</sup>	3,906 pixels/m <sup>2</sup>
Module Dimensions (W × H) (mm)	512 × 256	512 × 256	512 × 256	512 × 256
Panel Dimensions (mm)	1024 × 768 × 100	1024 × 768 × 100	1024 × 768 × 100	1024 × 768 × 100
NO.of Modules Per Panel (W × H)	2 × 3	2 × 3	2 × 3	2 × 3
Physical Resolution of Module (W × H)	64 × 32	48 × 24	40 × 20	32 × 16
Physical Resolution of Panel (W × H)	128 × 96	96 × 72	80 × 60	64 × 48
Panel Material	Die -Casting	Die -Casting	Die -Casting	Die -Casting
Single Cabinet Weight	35 kg	35 kg	35 kg	35 kg
Gray Scale	16 bit	16 bit	16 bit	16 bit
Colours	281 trillion	281 trillion	281 trillion	281 trillion
Contrast Ratio	2,000 : 1 / 4,000 : 1	2,000 : 1 / 4,000 : 1	2,000 : 1 / 4,000 : 1	2,000 : 1 / 4,000 : 1
Average Power Consumption	350 W/m <sup>2</sup>	350 W/m <sup>2</sup>	350 W/m <sup>2</sup>	350 W/m <sup>2</sup>
Max Power Consumption	700 W/m <sup>2</sup>	700 W/m <sup>2</sup>	700 W/m <sup>2</sup>	700 W/m <sup>2</sup>
Refresh Rate	>1,920 Hz	>1,920 Hz	>1,920 Hz	>1,920 Hz
Brightness	≥5,500nits	≥5,500nits	≥5,500nits	≥5,500nits
Horizontal Viewing Angle	160°	160°	160°	120°
Vertical Viewing Angle	140°	140°	140°	60°
Expected Lifetime	100,000 Hrs	100,000 Hrs	100,000 Hrs	100,000 Hrs
Servicing	Front / Rear	Front / Rear	Front / Rear	Front / Rear
IP Rating (Front/Rear)	IP65 / IP54	IP65 / IP54	IP65 / IP54	IP65 / IP54
Operating Temp/Humidity	-20 C - 60 C / 10% - 90%	-20 C - 60 C / 10% - 90%	-20 C - 60 C / 10% - 90%	-20 C - 60 C / 10% - 90%
Storage Temp/Humidity	-30 C - 60 C / 10% - 90%	-30 C - 60 C / 10% - 90%	-30 C - 60 C / 10% - 90%	-30 C - 60 C / 10% - 90%
Scan Method	1/4 Scan	1/3 Scan	1/2 Scan	Static Scan

### Typical Applications:

- › DOOH Display
- › Car Show
- › Reception Hall
- › Stage Rental
- › Building Facade
- › Chain Store
- › Window Display
- › Stadium
- › Theme Resort
- › Bar Club
- › Exhibition Hall
- › Shopping Mall