

OUTDOOR SERIES · SMD · IP-RATED FIXED INSTALL

Outdoor Active LED Display

4500–5500 nits · 960×960 mm die-cast cabinet · front & rear service

BX-AN4

BX-AN6

BX-AN8

BX-AN10



A high-brightness outdoor LED video-wall series for fixed installation, available in four pixel pitches — 4 mm, 6.67 mm, 8 mm and 10 mm — on a common 960 × 960 mm die-cast cabinet. Sealed SMD packaging, 4500–5500 nits of brightness and a wide 160°/160° viewing angle keep content clear in direct sunlight, while 16-bit grey-scale processing and a 3840 Hz refresh rate deliver smooth, flicker-free images for camera capture. Both front-access and rear-access module options simplify maintenance, and a 100,000-hour rated life with full BIS, CE, FCC and RoHS certification suits stadiums, transport hubs, retail facades and public plazas.



UP TO
5500 NITS



OUTDOOR
WEATHERPROOF



960×960mm
CABINET



16-BIT
3840 HZ



100,000 HR
LIFE

MODEL RANGE /

4 mm

BX-AN4

RESOLUTION
62,500 dots/m²

LED TYPE
SMD1921

BRIGHTNESS
4500 nits

6.67 mm

BX-AN6

RESOLUTION
22,500 dots/m²

LED TYPE
SMD2727

BRIGHTNESS
4500 nits

8 mm

BX-AN8

RESOLUTION
15,625 dots/m²

LED TYPE
SMD3535

BRIGHTNESS
4500 nits

10 mm

BX-AN10

RESOLUTION
10,000 dots/m²

LED TYPE
SMD3535

BRIGHTNESS
5500 nits

SPECIFICATION MATRIX /

OUTDOOR SERIES – MODEL COMPARISON				
Pixel pitch	4 mm	6.67 mm	8 mm	10 mm
Model	BX-AN4	BX-AN6	BX-AN8	BX-AN10
Resolution (dots/m²)	62,500	22,500	15,625	10,000
LED type	SMD1921	SMD2727	SMD3535	SMD3535
LED arrangement	1R1G1B			
Module size	(W)320 × (H)160 mm rear access (W)320 × (H)320 mm front access			
Module resolution	80×40 80×80	48×24 48×48	40×20 40×40	32×16 32×32
Cabinet size	(W)960 × (H)960 mm			
Cabinet resolution	240×240	144×144	120×120	96×96
Cabinet material	Magnesium alloy aluminium die-cast			
Weight	47 ± 0.5 kg/cabinet (51 ± 0.5 kg/m²)			
Brightness	4500 nits	4500 nits	4500 nits	5500 nits
Power — max.	≤ 860 W/m²	≤ 768 W/m²	≤ 809 W/m²	≤ 800 W/m²
Power — avg.	286 W/m²	256 W/m²	270 W/m²	267 W/m²

COMMON SPECIFICATIONS – ALL MODELS			
Service environment	Outdoor	Refresh rate	3840 Hz
Grey-scale processing	16-bit	Dimming	256 levels
Colour temperature	6500 K (adjustable)	AC input voltage	110–220 V ±10%
Viewing angle (H/V)	160° / 160°	Operating temp.	–20 °C ~ +50 °C
Dead pixel rate	< 0.0001	Storage temp.	–40 °C ~ +60 °C
Life time	100,000 hrs	Operating humidity	10% ~ 90% RH

CERTIFICATION /

BIS	CE	FCC	RoHS	ISO 9001	ISO 14001	ISO 45001
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TYPICAL APPLICATIONS /

Stadiums & sports arenas · transport hubs · retail facades & storefronts · outdoor advertising · public plazas & landmarks · building exteriors · roadside & highway signage · live events & stage backdrops.

Disclaimer: Product specifications might change due to continuous product research and development. Please contact Bronx or registered partners for confirmation before deployment. Actual power consumption varies with content and brightness settings.

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