OUTDOOR FIXED-INSTALL LED

FC Series
Outdoor LED Display





PIXEL PITCH
P4 · P5 · P6.67 · P8 · P10 · P16

PANEL SIZE
960 × 960 mm (1280 × 960 mm available)

MODULE SIZE
320 × 320 mm

BRIGHTNESS
5500–9000 cd/m²

PROTECTION
Outdoor IP65

SERVICE
Front & rear access

Product features

- Outdoor standard LED display
- Front and rear access service
- High-precision, reliable die-cast cabinet
- Moisture, dust and water resistant (IP65)
- Multiple fixed installation methods
- Supports energy-saving solutions

Outdoor LED Display



01

- High-quality die-cast aluminium cabinet: lightweight and stable.
- Cabinets join seamlessly, and the quick-lock function makes installation and service easier and faster.

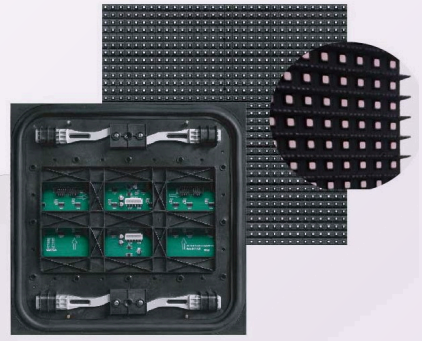





02

- Precision cabinet designed for a wide range of fixed outdoor advertising, such as sports perimeters, stadiums and trailers.
- Also available in a 1280 × 960 mm cabinet to suit more installations.





03

- 320 × 320 mm outdoor LED module with dual-mode (front or rear) service.
- High-mask louvres give better contrast and visibility in any light.

Available pixel pitches



P4 P5 P6.67 P8 P10 P16

Specifications

Specification	P4	P5	P6.67	P8	P10	P10	P16
Pixel pitch	4 mm	5 mm	6.67 mm	8 mm	10 mm	10 mm	16 mm
Pixel configuration	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727	DIP346	DIP346
Module size (W × H)	320 × 320 mm						
Panel dimension	960 × 960 mm (37.79″ × 37.79″)						
Panel resolution (H × V)	240 × 240	192 × 192	144 × 144	120 × 120	96 × 96	96 × 96	60 × 60
Module resolution (dots)	80 × 80	64 × 64	48 × 48	40 × 40	32 × 32	32 × 32	20 × 20
Drive mode	1/10	1/8	1/4	1/4	1/2	1/4	Static
Brightness (cd/m²)	6000	6500	5500	6500	6500	7500	9000
Colour processing	16 bit						
Grey level	65,536						
Refresh rate	≥ 1920 Hz						
Pixel density (dots/m²)	62,500	40,000	22,500	15,625	10,000	10,000	3,906
Viewing angle (H/V)	140° / 140°					110° / 45°	
Input voltage	AC 110–240 V						
Input frequency	50/60 Hz						
Power consumption, avg (W/m²)	285	285	277	277	277	180	180
Power consumption, max (W/m²)	≤ 850	≤ 850	≤ 830	≤ 830	≤ 830	≤ 540	≤ 540
Frame material	Die-cast aluminium						
Weight per panel	34 kg						
Operating temperature / humidity	−20 °C to 60 °C, 10%–90% RH						
IP rating	Outdoor IP65						
Maintenance method	Front & rear						

Certifications: CE · EMC-A · FCC · RoHS · UL