FS PRO Series Outdoor Common

Cathode Full Color Aluminum Screen

The FS PRO series common cathode LED display redefines outdoor advertising with its exceptional performance, energy efficiency, and versatility. This display boasts an IP66 waterproof rating, seamless splicing capabilities, and a unique energy-saving design, a high-precision aluminum profile cabinet, full-sealed design, making it ideal for outdoor display applications.

Brochure | **Product Video** | **Installation Video** | **Contact**

Die Casting Aluminum Profile

Higher structural strength, higher flatness, strongly dissipate heat, corrosion resistance, long service life.

Fin Shape Structure + Aluminum Cabinet

Front and Rear Service

Dual service mode of front and rear design to save you Maintenance Cost.

Cable-free Design

Decreasing the possibility of failure caused by cables, also makes the whole screen tidy and elegant appearance.

480*320mm Aluminum Module

Aluminum material LED display module, high temperature durability, fast heat-dissipation.The whole product can Reach 5VB fireproofing level.

Safety Harness Design

Each LED module is equipped with a safety harness to prevent the module from falling when doing maintenance.
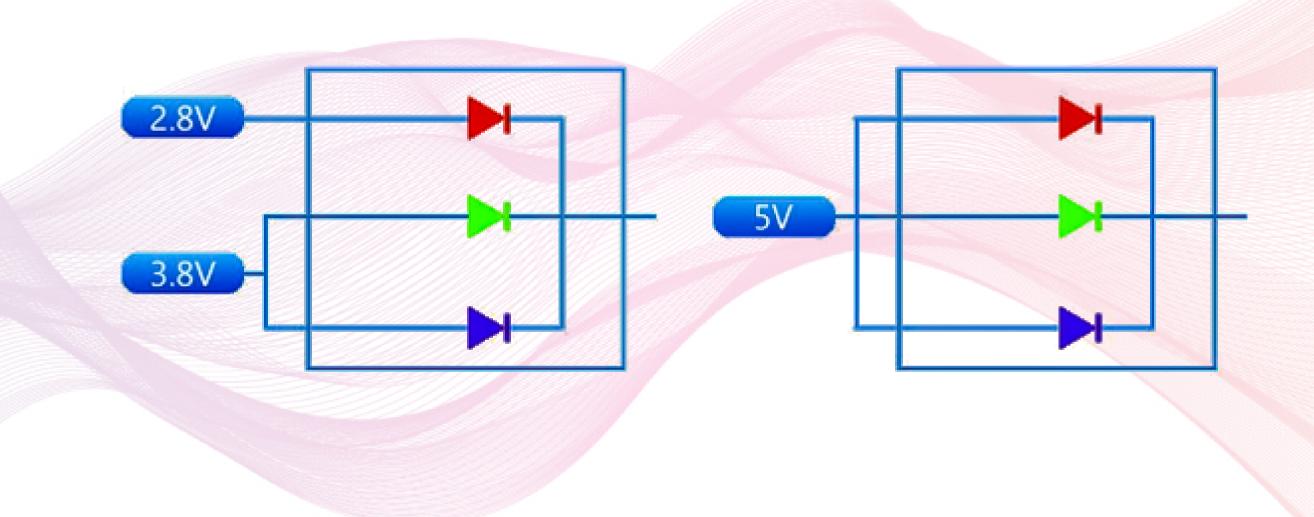
Hidden Cable Box Design

High density silicone cables, high & low temperature resistance, and excellent electrical insulation; Protect the cables from damage caused by animals, bring down the possibility of maintenance.

Common Cathode Technology

Featuring a common cathode design, the FS Pro series reduces heat generation and energy consumption, resulting in lower operating costs and environmental impact. The overall energy saving is 40%.

High Brightness Solution

The brightness reaches up to 10000nits, can instantly captivate attention & deliver content even under strong sunlight.

High Refresh Rate and High Greyscale

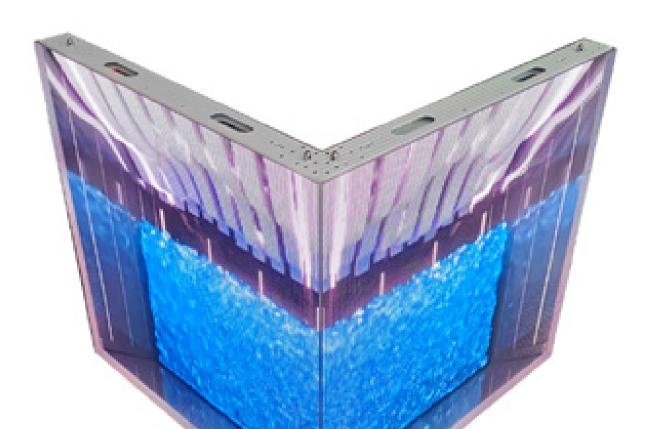Delicate picture with no flicker, superior displays effects.

High Refresh Rate | Low Refresh Rate

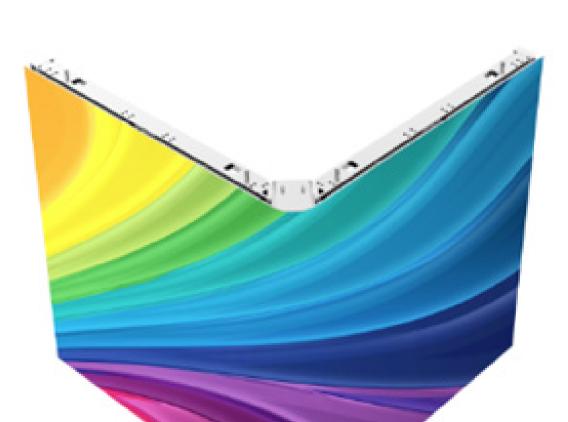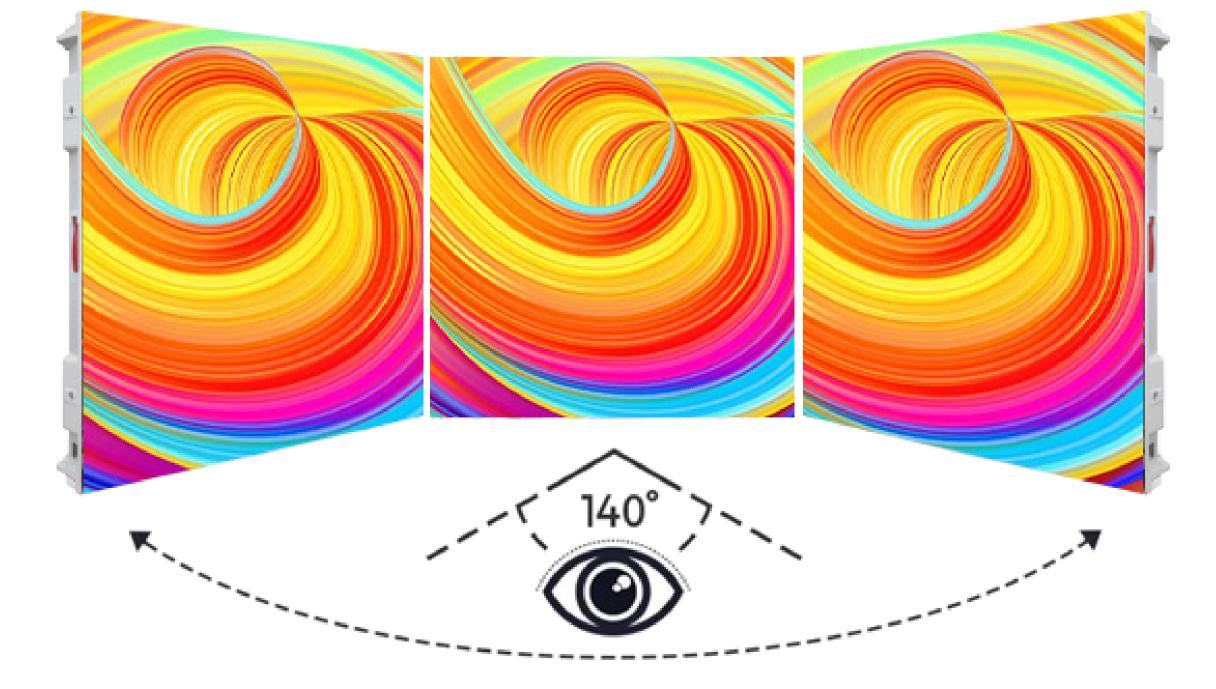High Grayscale Level | Low Grayscale Level

Corner Cabinet Makes Seamless 3D Screen

Supports both right-angle and arc splicing, enabling seamless integration and creative visual effects, ideal for 3d giant digital billboard solution.

IP66 Dustproof, Waterproof

FS PRO Series LED Display offers superior protection with IP66 high waterproof and dustproof rating, surpassing the common IP65 outdoor LED displays. High IP66 Waterproof level ensures stable screen operation even in extreme weather as below: high temperature, low temperature, and high humidity.

Super Wide Viewing Angle

The viewing angle is up to 140° vertical and horizontal, providing a wide viewing angle. Ultra-wide viewing angle give you the largest screen viewing area. It offers you clear and natural images in all directions.

140°

Parameters

Model	FS4.4-Pro	FS5.7-Pro	FS6.6-Pro	FS8-Pro	FS10-Pro
Pixel Pitch(mm)	4.4	5.7	6.67	8	10
Pixel Matrix Per Sq.m	50,625	30,625	22,500	15,625	10,000
Pixel Configuration	SMD1921	SMD2727	SMD2727	SMD2727	SMD3535
Brightness (nits)	≥6000	≥6000	≥6000	≥6000	≥6000
Scan	1/9	1/7	1/6	1/5	1/2
Module Dimension	480x320mm	480x320mm	480x320mm	480x320mm	480x320mm
Cabinet Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
Cabinet Dimension	960x960mm / 960x640mm / 1440x960mm	960x960mm / 960x640mm / 1440x960mm	960x960mm / 960x640mm	960x960mm	480x320mm
Cabinet Weight	24.5KG	24.5KG	24.5KG	24.5KG	24.5KG
Power Con. (W/sqm.)	Max. 500W / Avg.166W	Max. 500W / Avg.166W	Max. 500W / Avg.166W	Max. 500W / Avg.166W	Max. 500W / Avg.166W
Service Access	Front & Rear Access	Front & Rear Access	Front & Rear Access	Front & Rear Access	Front & Rear Access
Refresh Rate (HZ)	≥3840	≥3840	≥3840	≥3840	≥3840
Grey Scale (bit)	16	16	16	16	16
Contrast Ratio	15000:1	15000:1	15000:1	15000:1	15000:1
Viewing Angle (H / V)	160° / 160°	160° / 160°	160° / 160°	160° / 160°	160° / 160°
IP Rate	IP66	IP66	IP66	IP66	IP66
Operation Temperature	-40℃ ~ +60℃	-40℃ ~ +60℃	-40℃ ~ +60℃	-40℃ ~ +60℃	-40℃ ~ +60℃
Operation Humidity	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%
Input Voltage (AC)	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz

* Specifications and photos are subject to change without prior notice.