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Arctic Fox Pro Series

Creative LED Display

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The Arctic Fox Pro

The name **"Arctic Fox"** symbolizes adaptability and resilience, just like the arctic fox in its harsh environment. This soft module display is designed to adapt to diverse needs and perform reliability in various conditions.

The name reflects the display's **flexibility** and **agility**, As an arctic fox navigates through challenging terrains. The series can be customized and shaped to fit different creative and practical requirements.

Just as an arctic fox adapts to its surroundings, this display **seamlessly integrates into various settings**, providing **adaptability** and **versatility** for different applications.

Can LED

Sphere LED

Round LED

Specification Parameters - Can Indoor

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Model	P1.25	P1.5	P1.8	P2.0	P2.5
Pixel Pitch(mm)	1.25mm	1.538mm	1.86mm	2.0mm	2.5mm
LED Configuration	SMD1010 Black	SMD1212 Black	SMD1515 Black	SMD1515 Black	SMD2020 Black
Pixel Density(pixels/m²)	640000dots/m²	422753dots/m²	289050dots/m²	250000dots/m²	160000dots/m²
Drive(Scan)	1/64	1/52	1/43	1/52	1/43
Brightness(cd/m²)	600nits				
Refresh Rate(Hz)	3840Hz				
Viewing Angle	H:140° / V:140°				
Module Size(W×H)	320×160mm				
Cabinet Material	Iron cabinet / Aluminum cabinet				
IP Rating(F/R)	IP30				
Working Voltage	AC 110 – 240V 50 - 60Hz				
Power Consumption	Max:600W/Average:200W				
Working Temperature	–20℃~45℃,10%~90%RH				
Serviceability	Front/Rear				
Warranty	≥2Years				
Height	Customizable by Requirements				
Diameter	Customizable by Requirements				

Can LED

Specification Parameters - Can Outdoor

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Can LED

Model	P2.5	P3.076	P4.0	P5.0
Pixel Pitch(mm)	2.5	3.076	P4.0	P5.0
LED Type	SMD1415	SMD1415	SMD1921	SMD1921
Pixel Density (pixels/m^2)	160000	105625	62500	40000
Drive	1/16S	1/13S	1/10S	1/8S
Brightness(cd/m^2)	4500		5000	
Refresh Rate(Hz)	≥3840 ≥3840			
Viewing Angle	Horizontal >140±10° Vertical>130±10°			
Module Size(W×H)	320×160mm			
IP Rating(F/R)	IP65			
Working Voltage	AC110–240V 50–60Hz			
Power Consumption Max	Max <585W/m^2 Average300W	Max<610W/m^2 Average 300W	Max<650W/m^2 Average 320W	Max<410W/m^2 Average 200W
Power Consumption Average	300W			
Working Temperature	-20°C~45°C,10%~90%RH			
Height	Customizable by Requirements			
Diameter	Customizable by Requirements			

Sphere LED

Sphere LED Extensions - Irregular Design


Sphere LED

Model	SCMS-SI2		
Pixel Pitch	P2.5	Ave. Power Consumption	230 W/m²
Diameter	Φ1M / Φ1.5M / Φ2M / Φ2.5M / Φ3M / Φ3.5M / Φ4M (Optional)	Max. Power Consumption	680 W/m²
LED Type	SMD 1515	Best Viewing Distance	2m ~ 200m
Screen Resolution	250000 dots/m²	Viewing Angle	(H) 140°/ (V) 140°
Screen Weight	40 kg/m²	Power Supply Requirements	AC 100V ~ 240V 50 / 60Hz
Contrast	3000 : 1	Ambient Temperature	-30℃~ +55℃
Scanning Method	Customized	Humidity	10% - 88%
Brightness	≥ 600CD/m² Adjustable	Life	≥100,000 Hours
Refresh Rate	≥3840 Hz	Waterproof Level	IP42
Grayscale	14 bit	Maintenance	Front maintenance

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Round LED Extensions - Irregular Design

Round LED
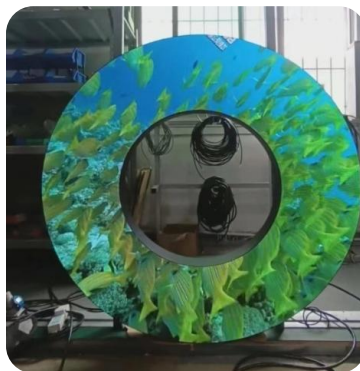
Indoor Models:
P1.2/P1.5/P1.8/P2.0/P2.5/P3/P4

Outdoor Models:
P2.5/P3/P4/P5/P8/P10

Diameter Sizes:
Any size can be customized; multiple molds are already available.

Usage:
Museums, science centers, corporate exhibition halls, exhibition centers, shopping malls, commercial centers;

Installation Methods:
Seated, suspended, inlaid, embedded, etc., to meet the diverse needs of customers;

Product Features:
Modules and PCB boards use a trapezoidal design, enabling seamless splicing and a 360-degree viewing angle. Details are easily displayed, and the screen can be viewed from any angle. Supports uniform dot extraction technology to ensure undistorted display.

Customization Options:
Brightness, installation methods, and display modes can be customized.

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Round LED Extensions - Irregular Design

Round LED

Item	Parameter
Pixel Pitch	2.5mm
Diameter	1330mm
Package Type	2020 SMD
Display Area	1.39 m²
Resolution	532x532 pixels
Total Pixels	222000 pixels
Module Size	Customized
Scanning Method	32S
Refresh Rate	3840Hz
Display Brightness	≥700CD/m²
Total Weight	45Kg
Viewing Distance	2.0m ~ 200m
Pixel Density	160000/m²
Viewing Angle	Horizontal 140°, Vertical 120°
White Balance Ratio	3:06:01
Power Supply Requirements	110V / 220V,50-60Hz
Brightness Adjustment Method	Software adjustable up to 100 levels
Display Colors	68.7 billion colors
Grayscale/Colors	4K/Displaying 16.7M colors
Frame Rate	≥60Hz
Color Temperature	3200K ~ 7000K (adjustable)
Video Signal	RF, S-Video, RGB, RGBHV, YUV, YC, COMPOSITION (requires a video processor)
Power Max	680w/m²
Power AVG	230w/m²

Round LED Extensions - Irregular Design

Round LED

Item	Parameter
Video Signal	RF, S-Video, RGB, RGBHV, YUV, YC, COMPOSITION, etc. (video processor required)
Lifetime	100,000 hours (theoretical value)
Control System Method	PC + DVI graphics card + main control card + receiver card
Flatness	Any adjacent pixels ≤ 0.5mm; Module board splicing gap < 1mm
Uniformity	Pixel brightness, module board brightness uniform
Defective Pixel Rate	< 0.0002
Switching Power Supply Load	5V/40A、5V/60A
Computer Display Mode	1920×1080 (recommended)
Drive Method	Constant current drive
Operating Environment Requirements	-30℃ ~ +55℃，10% ~ 88%RH
Protection Level	IP43
Effective Communication Distance	Network cable 100m (without relay) Multi-mode fiber optic 500m, Single-mode fiber optic 20km
Module Splicing Seam	≦0.5mm
Input Signal Source	S-Video,RGB,RGBHV, YUV, YC,Composition
Operating System	Windows(98,2000,XP,Vin7)
Storage Temperature	(-40℃ ~ +85℃)
Operating Temperature	(-20℃ ~ +50℃)
Operating Humidity	10-90% RH
Control System	Synchronous control/Asynchronous control

LOUIS VUITTON

Alphabet
LED Display

Alphabet LED Display

Model	SCMS-AI 1.875		
Pixel Pitch	1.875 mm	Power Supply	AC 100 ~ 240V, 50 / 60Hz
Pixel Density	284444 Pixel/m2	Maximum Power	700 W/m2
Brightness	600 CD/m2	Average Power	250 W/m2
Perspective	120 / 120°	Weight	≤15 kg/m2
Contrast	5000 : 1	Protection Level	IP43
Color Temperature	6500 ± 300K	Life	100000 Hours
Change Frame Rate	60 Hz	Continuous Working Time	72 Hours
Refresh Rate	≥ 3840 Hz	Mean Time	≥ 5000 Hours
Grayscale	16 bit	Working Temperature & Humidity	–20 ℃ to +50 ℃；10% to 90%

Curved Screen

Malleable Soft Module Design

Cylindrical Screen
Malleable Soft Module Design

Application Scenarios

Indoor Events

Sport Arenas

Advertising Displays

Stage Backdrops

Live Show

Exhibition

P2.5
Hubei, China
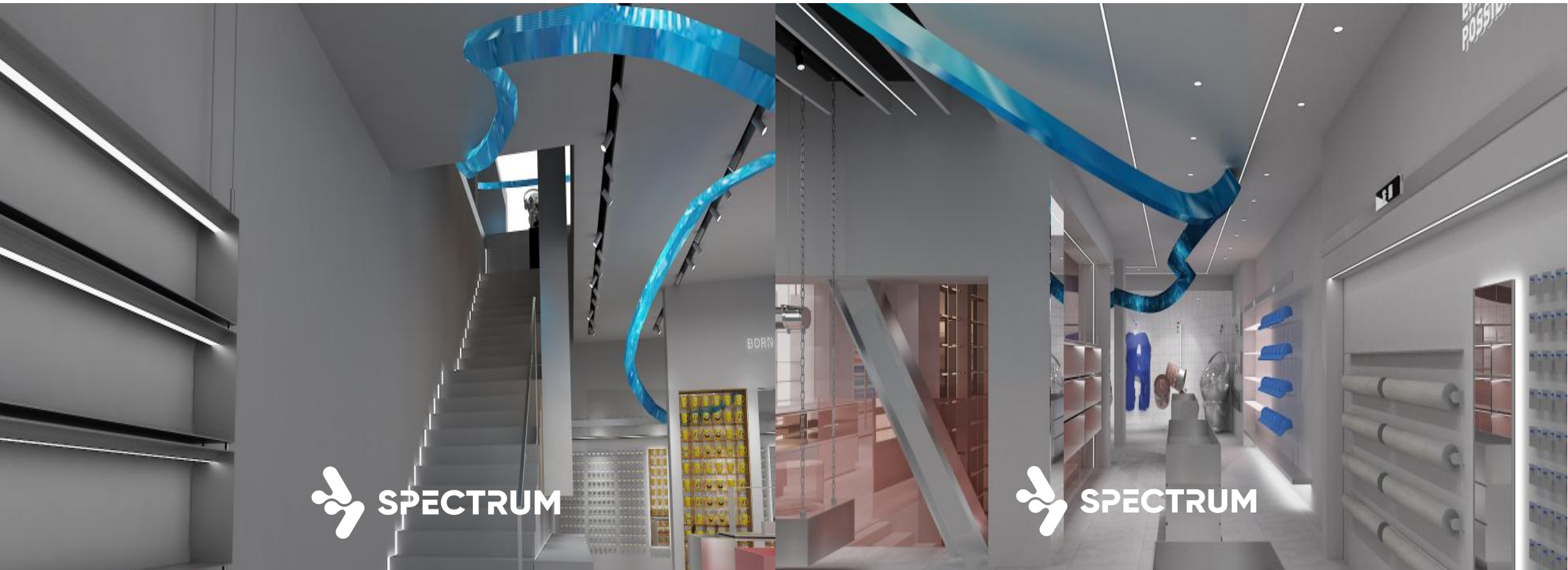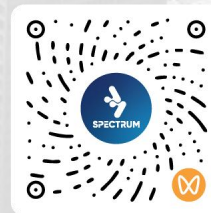
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