

Flexible LED Screen Series Specifications

1. LED Lamp / Pixel Configuration

	Model	LED Type	Pixel Pitch	Density	Brightness
	P1.56 / P1.95 / P2.5 / P2.6 / P2.97 / P3.91	SMD1212 / SMD1515	1.56 / 1.95 mm	409,600 / 262,144 px/m ²	≥900 cd/m ²
		SMD1515 / SMD1515	2.5 / 2.6 mm	160,000 / 147,456 px/m ²	≥1000 cd/m ²
		SMD1515 / SMD2121	2.97 / 3.91 mm	112,896 / 65,536 px/m ²	≥1000 cd/m ²

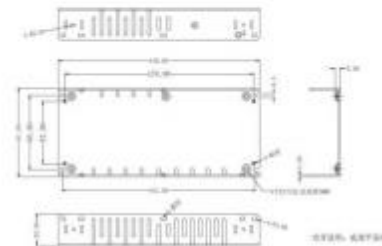
2. Electrical & Power Specifications

Input Voltage	AC 110V / 240V
Power Consumption	Max. 800 W/m ²
Average Power	200-300 W/m ²
Refresh Rate	≥3840Hz (7680Hz)
Grey Scale	≥16 bit
Viewing Angle	160° / 160°
Service Access	Front / Rear
IP Rate	IP43 / IP65
Cabinet Material	Die Casting Aluminum
Cabinet Weight	8KG / 14KG
Cabinet Size	500×500mm / 500×1000mm
Module Size	250×250mm



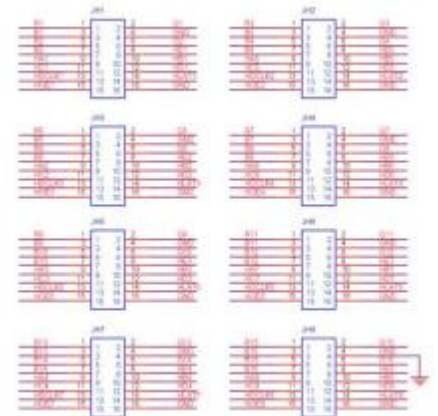
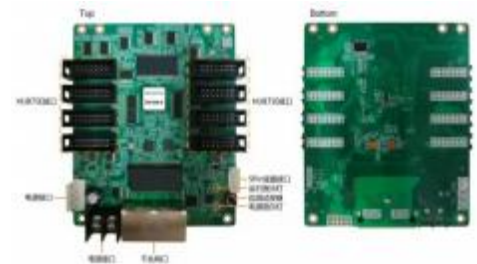
0.28Kg/PCS

190×82×30mm



3. Flexible Screen Series

Flexible LED screen series with multiple pixel pitches from P1.56 to P3.91. Designed for curved and creative display applications, with die-cast aluminum cabinets, front/rear service access, high refresh rate and wide viewing angle.



4. Module

Part Number	P1.56 / P1.95 / P2.5 / P2.6 / P2.97 / P3.91	Module Picture
Pixel Pitch	1.56 / 1.95 / 2.5 / 2.6 / 2.97 / 3.91 mm	
LED arrangement	SMD1212 / SMD1515 / SMD1515 / SMD1515 / SMD1515 / SMD2121	
Physical Density	409,600 / 262,144 / 160,000 / 147,456 / 112,896 / 65,536 pixels/m ²	
Scan	1/40 / 1/32 / 1/25 / 1/32 / 1/28 / 1/16	
Module Size (w*h)	250mm × 250mm	

5. Panel

Size (w*h)	500mm × 500mm / 500mm × 1000mm	Cabinet Picture (aluminum) 
Cabinet Material	Die Casting Aluminum	
Cabinet Weight	8KG / 14KG	
Brightness	≥900 / ≥1000 cd/m ² (depending on model)	
Max. Power	800 W/m ²	
Ave. Power	200-300 W/m ²	
Service Access	Front / Rear	
IP Rate	IP43 / IP65	

6. Flexible LED Screen General Specification

Pixel Pitch	1.56 / 1.95 / 2.5 / 2.6 / 2.97 / 3.91 mm	Viewing Angle	160° / 160°
Pixel Density	409,600 / 262,144 / 160,000 / 147,456 / 112,896 / 65,536 px/m ²	Refresh Rate	≥3840Hz (7680Hz)
LED Type	SMD1212 / SMD1515 / SMD2121	Grey Scale	≥16 bit
Scan	1/40 / 1/32 / 1/25 / 1/32 / 1/28 / 1/16	Input Voltage	AC 110V / 240V
Module Size	250 × 250mm	IP Rate	IP43 / IP65
Cabinet Size	500×500mm / 500×1000mm	Material	Die Casting Aluminum
Cabinet Weight	8KG / 14KG	Service Access	Front / Rear
Brightness	≥900-1000 cd/m ²	Max. Power	800 W/m ²
Average Power	200-300 W/m ²	Application	Curved / Creative LED Display
Series	P1.56 / P1.95 / P2.5 / P2.6 / P2.97 / P3.91	Structure	Flexible LED Screen

