



CALKiN Vertex Series

The most flexible installation Indoor/Outdoor LED screen
Anti-Collision Module Edges Protection

P1.9 P2.5 P2.6 P2.9 P3.9 P4.8 P5.9

VERTEX Series

Light weight, easy to move and install and available curved design to achieve different creative solutions



Features

Central control box integrated power supply and signal control system, easy maintenance



Hidden anti-collision design to protect module corners during install and transportation



Modules and central control box support both front and rear access maintenance



- Intelligent color accuracy assessment, eliminate color deviation, highly reproduce the true colors of natural scenes, and achieve high color fidelity
- Low brightness, high grayscale, display images more vivid

- High refresh, refresh rate ≥ 3840 Hz, no flicker on the picture
- HDR high image quality, restore real vision, living likeness details



- Screen aspect ratio 4:3 / 16:9
- Customizable at 1080p, 2K, 4K, 8K or other resolution rates

Application



Circle Screen



Vocal Concert



Telestudio

CALKiN Vertex Series

INDOOR 500x500 Parameter

Item	P1.9	P2.5	P2.6	P2.9	P3.9	P4.8
Pixel Pitch	1.953 mm	2.5 mm	2.604 mm	2.976 mm	3.906 mm	4.807 mm
LED Type	SMD1515	SMD1515	SMD1515	SMD2020	SMD2020	SMD2020
Module Resolution	128x128 dots	100x100 dots	96x96 dots	84x84dots	64x64 dots	52x52 dots
Driving Mode	1/32 scan	1/32 scan	1/16 scan or 1/32 scan	1/28 scan	1/16 scan	1/13 scan
Module Pixels	16,384 dots	10,000 dots	9,216 dots	7,056 dots	4,096 dots	2,704 dots
Module Size	250x250 mm					
Cabinet Size	500x500 mm or 500x1000 mm					
Cabinet Resolution (500x500 mm)	256x256 dots	200x200 dots	192x192 dots	168x168 dots	128x128 dots	104x104 dots
Pixel Density	262,144 dots/	160,000 dots/	147,456 dots/	112,896 dots/	65,536 dots/	43,264 dots/
Best Viewing Distance	≥ 1.9 m	≥ 2.5 m	≥ 2.6 m	≥ 2.9 m	≥ 3.9 m	≥ 4.8 m
Brightness	800 nits					
IP Grade	IP43					
Refresh Rate	≥ 3,840 Hz					
Gray Scale	14 bits ~ 22 bits					
Viewing Angle	H 110° / V 110°					
Max. Power Consumption	350 W/	350 W/	500 or 350 W/	500 W/	500 W/	500 W/
Avg. Power Consumption	120 W/	120 W/	160 or 120 W/	160 W/	160 W/	160 W/
Input Voltage	AC110V ~ AC220V @ 50Hz / 60Hz					
Cabinet Material	Die-casting Aluminum					
Cabinet Weight	500x500mm (7.5kg/panel) or 500x1000mm (7.5kg/panel)					

OUTDOOR 500x500 Parameter

Item	P2.6	P2.9	P3.9	P4.8	P5.9
Pixel Pitch	2.605 mm	2.976 mm	3.906 mm	4.807 mm	5.952 mm
LED Type	SMD1415	SMD1415	SMD1921	SMD1921	SMD2727
Module Resolution	96x96 dots	84x84 dots	64x64 dots	52x52 dots	42x42 dots
Driving Mode	1/24 scan	1/21 scan	1/16 scan	1/13 scan	1/7 scan
Module Pixels	9,216 dots	7,056 dots	4,096 dots	2,704 dots	1,764 dots
Module Size	250x250 mm				
Cabinet Size	500x500 mm or 500x1000 mm				
Cabinet Resolution (500x500 mm)	192x192 dots	168x168 dots	128x128 dots	104x104 dots	84x84 dots
Pixel Density	147,456 dots/	112,896 dots/	65,536 dots/	43,264 dots/	28,224 dots/
Best Viewing Distance	≥ 2.6 m	≥ 2.9 m	≥ 3.9 m	≥ 4.8 m	≥ 5.9 m
Brightness	5,000 nits				
IP Grade	IP65				
Refresh Rate	≥ 3,840 Hz				
Gray Scale	14 bits ~ 22 bits				
Viewing Angle	H 110° / V 110°				
Max. Power Consumption	650 W/	650 W/	550 W/	550 W/	550 W/
Avg. Power Consumption	185 W/	185 W/	160 W/	160 W/	160 W/
Input Voltage	AC110V ~ AC220V @ 50Hz / 60Hz				
Operating Temperature	-20°C ~ 50°C				
Operating Humidity	10% ~ 90%				
Cabinet Material	Die-casting Aluminum				
Cabinet Weight	500x500mm (7.5kg/panel) or 500x1000mm (7.5kg/panel)				
Operating System	Windows (Win7, Win10, etc.)				
Signal Source Compatibility	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.				