HIKVISION

DS-D4480FO

8.0mm Pixel Pitch Outdoor LED Screen

Product Introduction

DS-D4480FO, fine pitch LED full-color display with a pixel pitch of 8.0mm and a cabinet ratio of 1:1, which can fully realize true seamless splicing, with high brightness and contrast and super wide viewing angle, which can achieve high quality at all angles. The display effect is small, and the service life can reach 100,000 hours. The product can realize IP65 on the front side, the product could run steadily,as well as the durable quantity makes the product be widely used for publishing information in public places

Available Models

DS-D4480FO

Typical Applications



Features and Functions

	For video wall composition with superior luminance uniformity	
	High brightness provides vivid images in a range of lighting conditions	
	Superior contrast ratio	
10 bit	Broadcast grey processing gives more image details	
WHOLE	Superior brightness and color uniformity maintains smooth and complete image quality	
Hz- 3800HZ	Ultra-high refresh rate	
NS	Nanosecond response time	
100,000 hrs	Long service life	
160*	Wide viewing angle (160 %	
WCG 100%	High aperture ratio and wide color gamut coverage (NTSC 72%)	
	Low heating and superior cooling system ensures high reliability and environmental protection	
	Take up a small amount of space	
¥	Stable function, low failure rate, low maintenance cost	

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SPECIFICATIONS

Pixel StructureIRIG1BPixel pitch 8.0 Pixel density (dot/m²) 15625 Module Resolution (W × H) $40°20$ Module Dimensions (W × H) $320°160$ Unit Modules component (W × H) $3°6$ Resolution (W × H) $120°120$ Unit Dimension $960°960$ Unit Area 0.9216 Weight 42.0 ± 2 Ingress protectionIP65 on the front sideAspect ratio1:1Unit flatness (mm) 0.5 maintenance modeBack maintenanceMaterialIron cabinetStoues (Color temperature) $3500-9300$ Viewing angle $120°$ H/120° VRecommended viewing distance8mColor temperature $3500-9300$ Viewing angle $120°$ H/120° VRecommended viewing distance8mColor uniformity $\geq 97\%$ Color uniformity $\geq 97\%$ Color uniformity $\geq 97\%$ Max. consumption (W/m2)900Average consumption (W/m2) 300 Power supplyAC 90-132V / 180-264VDriving modeConstant current drive		Pixel Package	SMD 3535
LED Module Pixel density (dot/m ³) 15625 Module Resolution (W × H) 40*20 Module Dimensions (W × H) 320*160 Unit Modules component (W × H) 3*6 Resolution (W × H) 120*120 Unit Dimension 960*960 Unit Area 0.9216 Weight 42.0±2 Ingress protection IP65 on the front side Aspect ratio 1:1 Unit flatness (mm) 0.5 maintenance mode Back maintenance Material Iron cabinet Brightness (nits) 6000 Color temperature 3500-9300 Viewing angle 120° H/120° V Recommended viewing distance 8m Center distance deviation of LED ≤3% Brightness uniformity ≥97% Color uniformity ≥97% Contrast 3000:1 Max. consumption (-	1R1G1B
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Electrical Average consumption (W/m2) 300 Power supply AC 90-132V / 180-264V Driving mode Constant current drive		Contrast	3000:1
Power supply AC 90-132V / 180-264V Driving mode Constant current drive	Electrical	Max. consumption (W/m2)	900
Driving mode Constant current drive		Average consumption (W/m2)	300
Driving mode Constant current drive		Power supply	AC 90-132V / 180-264V
	Processing Performance		Constant current drive
		Frame frequency	60Hz
Refresh rate ≥1920Hz		Refresh rate	≥1920Hz
Processing depth (bit) 16		Processing depth (bit)	16
Grey level 65536		Grey level	65536
Color 16770000		Color	16770000
Brightness control 256 level		Brightness control	256 level
Working hours \geq 50000h	General		≥50000h
Working temperature-20°C ~50°C			-20°C~50°C
			-30℃~60℃
Working humidity 10%~90% RH			10%~90% RH
Storage humidity 10%~90% RH			10%~90% RH





