

## DS-D4425FI-CAF 2.5mm Pixel Pitch Indoor LED Screen



### 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
- Broadcast grey processing gives more image details
- Superior brightness and color uniformity maintains smooth and complete image quality
- Ultra high refresh rate
- Nanosecond response time
- Long service life
- Wide viewing angle
- High aperture ratio and wide color gamut coverage
- Low heating and superior cooling system ensures high reliability and environmental protection



## Specifications

Model		
LED Module	Pixel Package	SMD2020
	Pixel Structure	1R1G1B
	Pixel pitch	2.5 mm
	Pixel density	160,000 pitch/ m <sup>2</sup>
	Module Resolution (W × H)	96 × 108
	Module Dimensions (W × H)	240 × 270 mm
LED Unit	Unit Modules component (W × H)	2 × 2
	Resolution (W × H)	192 × 216
	Unit Dimension	480 × 540 × 6.6 mm (18.9 × 21.2 × 2.6 inch)
	Unit Area	0.2592 m <sup>2</sup>
	Weight	≤7kg (15.4lb)
	Ingress protection	IP3X
	Aspect ratio	8:9
	Unit flatness (mm)	≤0.2
Optical	maintenance mode	Front or rear maintenance
	Brightness (nits)	>600
	Color temperature	2000 to 10000 adjustable
	Viewing angle	Horizontal 160° , vertical 160°
	Recommended viewing distance	≥ 7.5 m
	Center distance deviation of LED	≤ 3%
	Brightness uniformity	≥ 97%
Electrical	Color uniformity	≤ ± 0.003 Cx, Cy
	Contrast	≥5000:1
	Max. consumption (W/m <sup>2</sup> )	700
Processing Performance	Average consumption (W/m <sup>2</sup> )	202
	Power supply	100 to 240 VAC ± 15%
	Driving mode	Constant current driving
	Frame frequency	60 Hz
	Refresh rate	1,920 Hz
	Processing depth (bit)	16
	Grey level	65,536
General	Color	281.4 trillion
	Brightness control	Auto/Manual
	Working hours	≥ 100,000 h
	Working temperature	-10 to 40 ° C
	Storage temperature	-20 to 60 ° C
General	Working humidity	10 to 95 % (non-condensing)
	Storage humidity	10 to 95% (non-condensing)

**Note:** All specifications mentioned above are subject to the actual product.

## Typical Applications

