HIKVISION

DS-D4437FI-CAF
3.75mm Pixel Pitch Indoor LED Screen

Product Introduction

DS-D4437FI-CAF, fine pitch LED full-color display with a pixel pitch of 3.75 mm and a cabinet ratio of 8:9, 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 the front side disassembly of the module, and the maintenance cost is low.

Available Models

DS-D4437FI-CAF

Typical Applications

LED Video wall

Two or more LED controllers

C10S-T

Digital signage Box | TV Box | Logical Signal | HD camera

Features and Functions

	For video wall composition with superior luminance uniformity
	High brightness provides vivid images in a range of lighting conditions
LED 3000:1	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
1M	Take up a small amount of space
¥	Front maintain, low maintenance cost

SPECIFICATIONS

LED Module	Pixel Package	SMD2121
	Pixel Structure	1R1G1B
	Pixel pitch	3.75 mm
	Pixel density	71,111 pixel/ m2
	Module Resolution (W ×H)	64 ×72
	Module Dimensions (W ×H)	240 ×270 mm
LED Unit	Unit Modules component (W ×H)	2 ×2
	Resolution (W ×H)	128 ×144
	Unit Dimension	480 ×540 ×70 mm (18.8 ×21.2 ×2.7 inch)
	Unit Area	0.2592 m2
	Weight	≤ 6.5 kg (14.29 lb.)
	Ingress protection	IP5X
	Aspect ratio	8 : 9
	Unit flatness (mm)	≤0.2
	maintenance mode	Front Access
	Material	Die-cast Aluminum
Optical	Brightness (nits)	600
	Color temperature	3000 to 10000 adjustable
	Viewing angle	Horizontal 160 °, vertical 160 °
	Recommended viewing distance	≥ 2 m
	Center distance deviation of LED	≤ 3%
	Brightness uniformity	≥ 97%
	Color uniformity	≤ ± 0.003 Cx, Cy
	Contrast	≥5000 : 1
Electrical	Max. consumption (W/m2)	600
	Average consumption (W/m2)	168
	Power supply	180 to 240 VAC
Processing Performance	Driving mode	Constant current driving
	Frame frequency	60 Hz
	Refresh rate	1,920-3,840 Hz
	Processing depth (bit)	16
	Grey level	65,536
	Color	281.4 trillion
	Brightness control	Auto/Manual
General	Working hours	≥ 100,000 h
	Working temperature	-10 to 45 ℃
	Storage temperature	-20 to 60 ℃
	Working humidity	10 to 90 % (non-condensing)
	Storage humidity	10 to 90% (non-condensing)

杭州海康威视数字技术股份有限公司
HANGZHOU HIKVISION DIGITAL TECHNOLOGY CO., LTD.

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HIKVISION

480

540

70.3

47.6

317

343

70.3

47.6

374

400

22.7

21

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