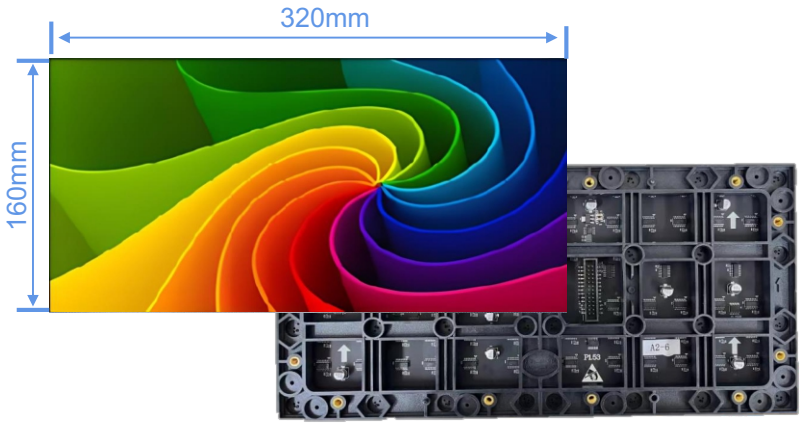
SUNVISION SV-OT2.5

Full - Color Indoor Videotron Fine Pitch LED DISPLAY VIDEOTRON Series



Sunvision Common Cathode Technology
Sunvision common cathode technology improves brightness with better heat dissipation
High Brightness high Contrast with Perfect Performance

Low brightness with High grayscale
Low brightness with High grayscale to make the LED display in ultimate view
performance

High Contrast Ratio
High-end Black Body SMD Encapsulation, Excellent Performance, it has
outstanding performance
when works on the color and has very good contrast.

High Refresh Rate
It could be reach 3840HZ.

Product introduction

Indoor LED Display is of small pixel pitch, high dessity, board viewing angle and can display SV pictures. sunvision name this series product indoor high definition LED display serius, abbreviated as SV.
SV series products mainly include :

(pixel pitch) 2.5mm : SV-OT2.5

(pixel pitch) 5mm : SV-OT5

(pixel pitch) 3.91mm : SV-OT3.91

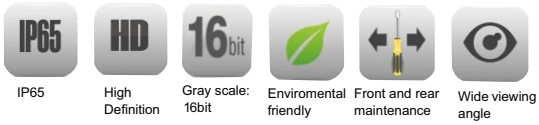
(pixel pitch) 8mm : SV-OT8

(pixel pitch) 4mm : SV-OT4

Features

HD serial products,140˚ Vertical and horizontal viewing angle broaden dispaly's viewing angle greatly. High brightness LED lamp can manifest delicate abundant and fluid image bringing shocked viewing experience to audience. The selection of excellent IC and controlling system of Sunvision can guarantee the exquisite high refreshing and high grayscale displaying effects.

Customized front / rear module , saves your time and labor costs on maintenance. The careful raw material selection of Sunvision ensure the product reliability, stability and longevity.

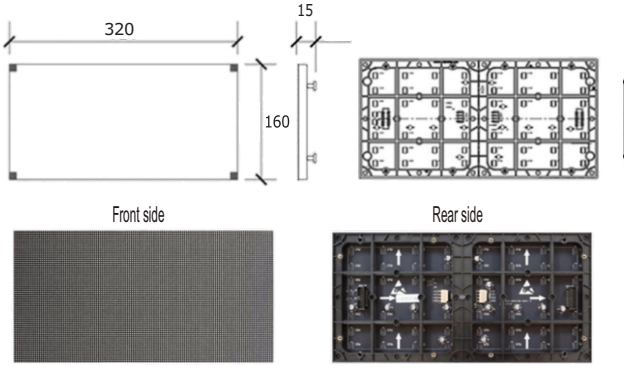


DIMENSIONS IN MM

SV-OT2.5

320 x 160 x 15 mm
0.50 kg

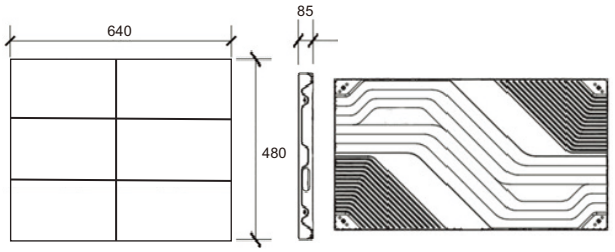
DIAGRAM MODULE



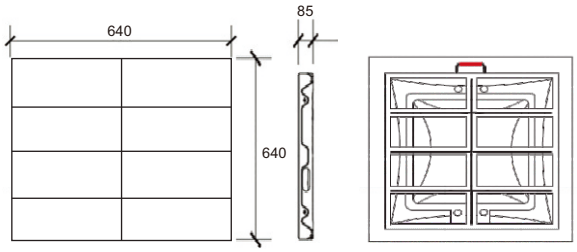
CABINET

DIAGRAM CABINET

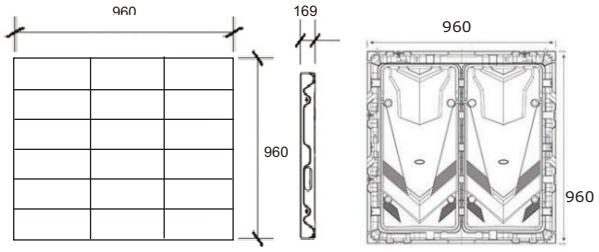
960 x 960 mm
24 kg





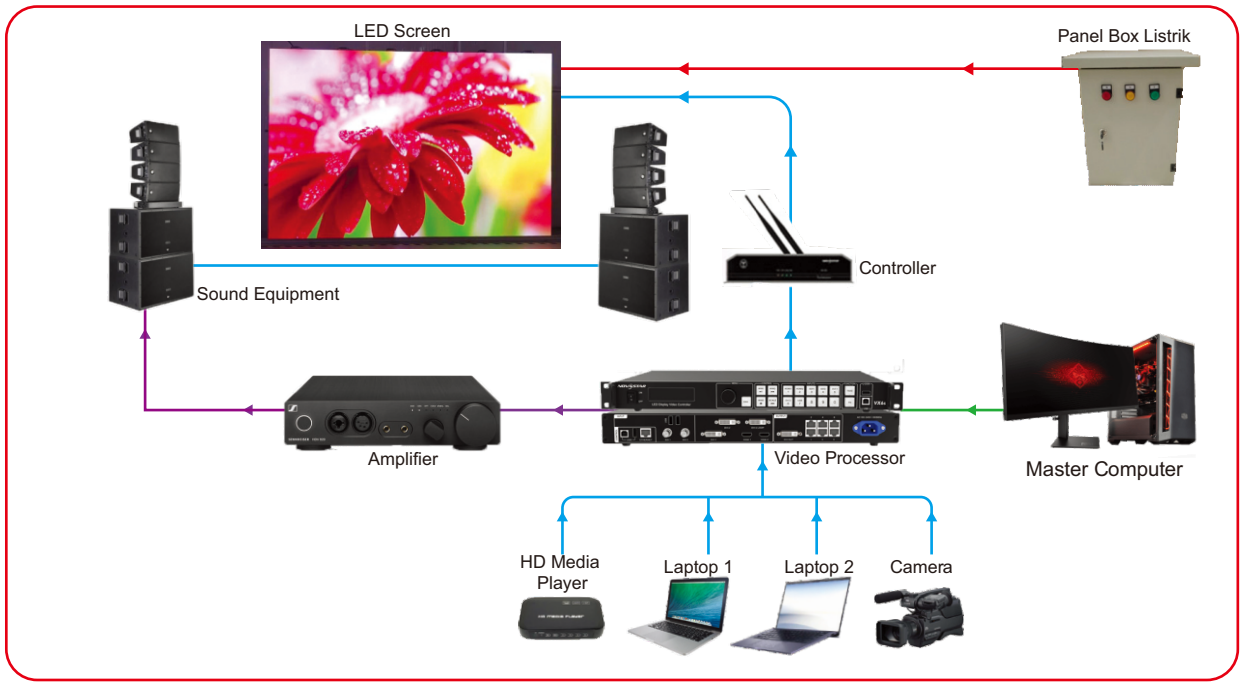








SCHEMATIC WORKING DIAGRAM



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The images, specifications and information mentioned in the document are only for reference, and might differ from the actual product.

Technical Parameters

LED Parameters

SUNVISION SV-OT2.5 OUTDOOR

Module	Pixel Pitch	2.5 mm	Pixel Density	160,000 dots/m²
	Configuration	1R2G3B	LED Lamp	SMD 1515 (3in1) Nationstar
	Size (Width*Height*Depth)	320*160*20mm	Resolution	128 x 64 = 8,192 Dots
	Structure	Lamp & IC in same PCB	Maximum Current	≤ 5 A
	Input Voltage (DC)	4.5 ± 0.1 V	Plastic Kit	Policarbonate Material
	Power Consumption	≤ 24 W	Contrast Ratio	5,000 : 1
	Module Weight	0.65 kg	Driving Method	Constant Current 1/32 Scan
Cabinet	Cabinet Size (Width*Height*Thickness)		960 x 960 x 169.5 mm (with module, cabinet, connecting plate)	
	Cabinet Material		Die Casting Alluminium	
	Cabinet Pixel Density		256 x 192 = 76.800 Dots	
	Cabinet Area		0.9216 m²	
	Cabinet Weight		24 kg	
	Cabinet Max Power Consumption		≤ 838 W	
	Maintaining Servicing		Back Maintainance	
	Average Power Consumption (1/3 Max)		≤ 293 W	
	Distribution Power (Power Supply Capacity 78%)		≤ 1,074 W	
Screen	Brightness	≥ 6,500 cd/m²	Brightness Uniformity	> 0.95 %
	Horizontal Viewing Angle	140 degree	Vertical Viewing Angle	140 degree
	Best Viewing Distance	≥ 2.5 m	Black Spot Ratio	< 0.003
	Max Power Consumption	≤ 836 W/m²	Operation Environment	Outdoor
	Grayscale	14 - 16 bits	Display Color	4398 Billion
	Fresh Frequency	30 - 120 Frame/sec	Refresh Rate Frequency	**3840 Hz**
	Control Mode	Synchronization control	Brightness Adjustment	256-grade Manual / Automatic
	Life Span	≥ 100,000 hours	MTBF (mean time between failure)	≥ 10,000 hours
	Operating Temperature	- 20 to 50 °c	Storage Temperature	- 20 to 60 °c
	Attenuation (3 years later)	≤ 15%	Storage & Operating Humidity	10 % - 90 % RH

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