

SC-50/7 LED Screen



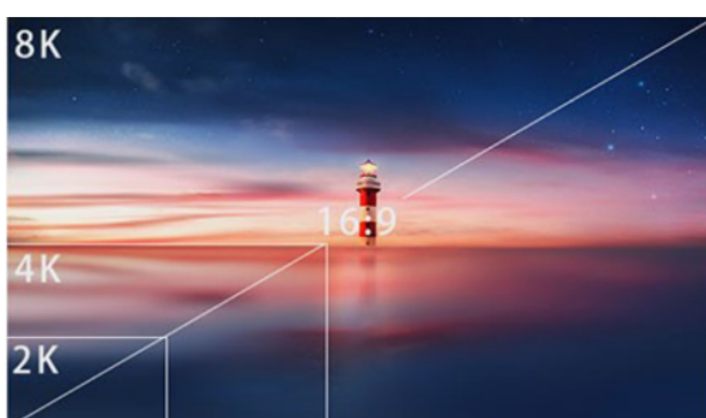
- Module size:320x160x17 mm
- Cabinet size:640x480x74mm
- Floating connection design between module and cabinet, module could be fine tuned
- Support backup signal (optional)
- Support double backup of power supply and control system.(optional)
- Front access and front service, saving space and cost

Standard cabinet size:640x480x74 mm

High resolution video and picture dot to dot matching.
Free splicing into 2K/4K/8K

Adopt 64 scan high refresh rate diving ic, smooth and delicate display performance

Module size:320x160x17 mm and its supporting die cast aluminum cabinet:640x480x74mm



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Technical Specifications

SC-50/7 2.5 / 2.0

Technical		
Pixel Pitch (mm)	2.5	2.0
Module Size (mm)	320 x 160 x 17 (Indoor)	320 x 160 x 17 (Indoor)
Module Resolution (px)	128 x 64	128 x 64
Scanning Mode	1/32	1/32
LED Configuration	IRIGIB	IRIGIB
LED Type	SMD1515	SMD1515
Service Method	Front Service	Front Service
Installation	Front or back installation	Front or back installation
Cabinet Size (mm)	640 x 480 x 74mm WxHxD	640 x 480 x 74mm WxHxD
Cabinet Resolution (px)	256 X 192	256 X 192
Physical Density (dot/m2)	160000	160000
Cabinet Material	Die-Casting Aluminum	Die-Casting Aluminum
Cabinet Flatness	≤0.10	≤0.10
Grey Scale (Bit)	16 Bit (14 Bit + Control Software 2 Bit)	16 Bit (14 Bit + Control Software 2 Bit)
Protection Level	Front IP65 , Back IP45	Front IP65 , Back IP45
Horizontal View Angle (deg)	≥160	≥160
Vertical View Angle (deg)	≥140	≥140
Best Viewing Distance (meter)	2.5 meter	2.5 meter
Life Span (hours)	≥100000	≥100000
MTBF (Hours)	≥10000	≥10000
Optical Specification		
Brightness (cd/m2)	600-800 cd/m2	600-800 cd/m2
Color Temperature	3200-9300K Adjustable	3200-9300K Adjustable
Brightness Uniformity	≥98%	≥97%
Color Uniformity	Within 0.003 Cx, Cy	Within 0.003 Cx, Cy
Horizontal / Vertical View Angle /Contrast	≥ 160°/≥ 140° 5000:1	≥ 160°/≥ 140° 5000:1
Contrast Ratio	Yes	Yes
Color Calibration of Single Dot	Yes	Yes
Brightness Calibration of Single	Yes	Yes
Operational Specification		
Drive Mode	Constant Current Drive	Constant Current Drive
Module Onput Voltage	4.2V DC	4.2V DC
Module Max Current	4.5A DC	4.5A DC
Refresh Frame Frequency	50/60Hz	50/60Hz
Max Refresh Rate	≥3840Hz	≥3840Hz
Input Voltage	110-220V AC +/- %10 - 50 HZ +/- %5	110-220V AC +/- %10 - 50 HZ +/- %5
Cabinet Max Power Consumption	≤450W/m2	≤450W/m2
Cabinet Aver. Power	≤160W/m2	≤160W/m2
Cabinet Weight	7.5 kg	7.5 kg
Working Temperature	-10°C - +40°C	-10°C - +40°C
Working Humidity	10%-95% RH	10%-95% RH
Certification	CE DoC - Rosh	CE DoC - Rosh



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