

Product Specification

Model Name:YM53A0

Product Specification



Product Features

- ◆ Innovative module PSU circuit design, reduce transmission current thus to decrease module heating and transmission loss;
- ◆ CVTE self-brand power supply and high-efficiency voltage converting technology adopted;
- ◆ RoHS-standard components processed with lead-free technology, shoulder the responsibility of environmental protection to benefit future generations;
- ◆ CCC, CQC, CE, ETL, FCC, CB certified;
- ◆ Cabinet with 68mm thickness and 20.5kg weight, reduce steel structure cost and save onsite space, highly merged with buildings;
- ◆ 18bit+ color depth, 3840Hz ultra-high refresh rate, 13000:1 high contrast, enabling outstanding display effect even under strong direct sunlight and dark night;
- ◆ Fully-enclosed cabinet (IP65 for front and rear sides), suits the normal use under harsh environment and bad weather;
- ◆ Cabinet supported with full front and rear service application requirements, satisfy different application needs;
- ◆ Supported to customize outdoor projects, with option to do the 3D naked-eye arc or 90°splicing large screen, etc.

Product Parameter	
Physical Parameter	
Pixel Composition	SMD2727
Pixel Pitch (mm)	10
Module Resolution (dots)	48*32
Cabinet Resolution (dots)	96*96
Pixel Density (dots/m ²)	10000
Module Size (mm)	480*320
Cabinet Size (L*W*H) / (mm)	960*960*68
Cabinet Material	Aluminum Profile
Cabinet Module Layout (W*H)	2*3
Cabinet Maintenance	Front & Rear Access
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Weight	20.5kg/Single Cabinet 22.5kg/m ²
Optical Parameter	
Color Processing Depth (Bit)	18+
Contrast	≥ 13000:1
White Balance Brightness (nit)	8000
Refresh Rate Frequency (Hz)	3840
Viewing Angle (H/V °)	140/120
Electrical Parameter	
AC Input Voltage (V)	AC100~240V@ 50/60Hz
Single Cabinet Maximum Power Consumption (W/Unit)	580

Single Cabinet Average Power Consumption (W/Unit)	193
Maximum Power Consumption (W/m ²)	630
Average Power Consumption (W/m ²)	210
Brightness Uniformity	≥ 95%
Operating Temperature(℃)	-20~+50
Operating Humidity (RH)	10%~90% No Condensation

Note: the actual parameters may vary due to different configurations. Above data is for reference only.

1. Brightness and power consumption and other indicators may have a difference of $\pm 15\%$ due to the difference of LED batches

Product Structure Dimensions

