

 **AVOLUTION**™
DIGITAL: POWERED BY HUMANS

CIRCOLED



FEATURES

HIGH RESOLUTION AND UNIQUE STRUCTURE

Unique design and qualified pictures and guaranteed.



INNOVATIVE DESIGN

Customized structure design to ensure innovative design is possible. It is 4.68mm and 8mm pixels pitch and make sure the resolution is enough to display high resolution. Display Area is 680mm and bigger.



WIRELESS CONTROL

Plug and Play System.

Support 3G, 4G, WiFi, SD or USB

It will display automatically after content was loaded in the control.



MANILA OFFICE:

231 B. Padilla St., Brgy. Santa Lucia, San Juan City, Philippines 1500

Tell.: (02) 8 631-2404

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(082) 298 9004



AVolutionInc



www.avolutioninc.net

SPECIFICATION

Number	Project	Technical Parameters
1	Pixel composition	1R1G1BLED (SMD1921)
2	Pixel pitch	4.68mm
3	Module size	300mm*300mm
4	Module resolution	64X64
5	LED chip	Sanan
6	LED package form	Kinglight/NationStar Package SMD Three-in-One
7	Display density	16384dots/side
8	Brightness	≥4000 cd/m²
9	Gray level	Red, green, and blue ≥ 256 levels, up to 65536 levels
10	Display color	≥16.7M species, up to 281 trillion species
11	Out of control points	≤1/10000
12	Best view distance	≥5M
13	Viewing angle	horizontal ≥120°Vertical≥120°
14	Device driver	1/8 Scan
15	Brightness adjust method	256 grads software adjustments, 16 grads automatic adjustments
16	Change frame frequency	≥60Hz
17	Refresh rate	≥1920Hz
18	Control method	Colorlight/NovaStar asynchronous
19	Waterproof grades	IP65
20	Longevity	≥100,000 hours.
21	Continuous working time	>72 hours
22	MTBF	>1,000 hours
23	Operating Voltage	AC 220V±15%, 50Hz±2 Hz
24	Environmental temperature and humidity	Temperature: -20℃~+60℃, Humidity: 10%-95%
25	Power consumption (max/ave)	400W/Pcs
26	Smoothness	Adjacent image between ≤ 0.5mm; module splicing gap ≤ 0.5mm
27	Maintenance method	Front-maintenance
28	Screen weight	≤18Kg/Pcs
29	Uniformity	Pixellightintensity,uniformmodule,singlepointcorrectionper pixel
30	Switching power supply	5V/60A
31	Control way	3D /4D/WIFI /SD/ USB

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