



Description

The rental LED video wall business is one of the service industries that have developed vigorously in recent years. The LED video wall is widely used in the stage or background of important events such as TV studios, large-scale performance activities, opening ceremonies of important events, sports competitions, and corporate celebrations. The texts, pictures and videos played on the LED video wall together create a colorful atmosphere, which greatly improves the level of the activity.

Feature

- *With fast installation design. The installation and dis-assembly of the screen can be completed in a short time.
- *Support the arbitrary direction of the signal line, and meet the different arrangement and placement of cabinets, create pictures with different effects.
- *With arc lock -6° , -3° , 0° , $+3^{\circ}$, $+6^{\circ}$ arc shape.
- *Support 256-level brightness adjustment and white balance custom adjustment.
- *Adopt signal folding technology, unit modules do not need to be cascaded, which greatly improves the display performance of the product.
- *Adopt large modules, with only 4 modules per cabinet, which reduces internal connections and improves product stability.
- *The back cover adopts a U-shaped push-lock design, and the power supply and receiving card can be maintained and replaced without dismantling any components.
- *High-end constant current drive chip with built-in PWM can realize high refresh rate, high grayscale high refresh rate, high grayscale 65536 grayscale products. The picture is stable, which can easily meet the requirements of high-end applications such as stage performances and broadcasting.
- *The new structure design meets the requirements of hoisting and stacking installation, as well as indoor and outdoor requirements. The cabinet design is suitable for multiple pitches of Led screen.
- *The new structural design meets the requirements of hoisting and stacking. The cabinet is simplified and compatible with various pitches.
- *High grayscale and high refresh rate: gray scale 14 bit, refresh frequency $>3840\text{Hz}$;
- *Optimize heat dissipation design through PCB circuit, don't need external fans, air conditioners, etc., low noise; light weight of the cabinet, low installation cost; low power consumption of the cabinet, saving operating costs.
- *Equipped with various specifications of the flight cases, which is convenient for storage and transportation of the cabinets, and has a good protective effect on the LED video wall.



Specification

Model specification	
LED encapsulation	SMD2121 black light
Pixel pitch	3.91mm
Resolution	65536 pixels/m ²
Lamp bead/IC	National star copper wire / high brush
Pixel composition	1R1G1B
Module resolution	64*64
Module dimension(mm)	250*250
Cabinet resolution	128*128
Cabinet dimension (mm)	500*500
Cabinet weight	9Kg/pc
Operating voltage	DC+4.2V~+5V
Main specification	
Best view distance	≥12m
Horizontal view angle	≥175°
Vertical view angle	≥175°
Maintenance method	Rear/back maintenance
Control method	Synchronous control
Drive device	Constant current
Refresh rate	≥3840Hz
Frame rate	≥60Hz
Scanning method	16S
Brightness	200-800CD/m ²
Grayscale	14bit
Contrast	≥10000:1
Attenuation rate (after 3-year work)	≤15%
Brightness adjustment method	Automatic / manual: 1-100%
MTBF	≥20000H
Lifespan	≥100000H
Failed rate	≤1/10000 and no continuous failed pixels
Software	Professional LED video wall programming software
Storage temperature	-35°C~+85°C
Operating temperature	- 20°C~+40°C
Operating voltage(AC)	90V-270V(50Hz/60Hz)
Average power consumption	≤193W/m ²
Maximum power consumption	≤580W/m ²
Cabinet specification	Die-casting aluminum cabinet
Brightness uniformity	≥98%
IP level	IP5X