Indoor Full Color LED Video Wall

E4.81(E4.81-G)

Description

The rental LED video wall business is one of the service industries that has 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 performances, 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.

Features

*The screw-fixed rear maintenance design improves the safety of module fixation.
*Adopt quick-connect aviation plug to quickly and safely connect and disconnect the power cord and network cable, which is convenient for the power supply and signal transmission of the module.
*The bottom protrusion design of the cabinet can protect the display screen when the cabinet touches the ground.
*Manual corner guards for four corners of the cabinet prevent damage to the display screen during packaging or transportation.
*Adopt industrial-grade hard connection design between the unit module and unit cabinet of LED display, eliminating signal wiring inside the cabinet, keeping it clean and organized, ensuring stable connections, and faster installation and maintenance.
*Adopt a three-axis (X, Y, Z) adjustment mechanism, allowing for six-directional arbitrary adjustment of the screen.
*One cabinet with one card and one power supply, allowing for free splicing and supporting hanging, stacking, fixed installation, and bracket installation.

Specification

Module specification	
LED encapsulation	SMD1921 white light
Pixel pitch	4.81mm
Resolution	43264 points/m²
Lamp bead/IC	Domestic high-quality copper wire/High Refresh rate
Pixel composition	1R1G1B
Module resolution	52*52
Module dimension(mm)	250*250
Cabinet resolution	104*208
Cabinet dimension (mm)	500*1000
Cabinet weight	≤15Kg/pc
Operating voltage	DC+4.2V~+5V
Hard connection fully supports hot swap, which is convenient and fast	
Main specification	
Best viewing distance	≥ 14.4 m
Horizontal viewing angle	≥ 175 °
Vertical viewing angle	≥ 175 °
Maintenance method	Post-maintenance
Control mode	Synchronous control
Drive device	Constant current
Refresh rate	≥4200Hz

Frame rate	≥60Hz
Scanning method	13S
Brightness	3500-4000CD/m²
Grayscale	12/14/16/18bit
Contrast	≥10000:1
Attenuation rate (after 3-year work)	≤15%
Brightness adjustment method	Automatic/Manual : 0-100%
Computer operating system	WIN7 and above
MTBF	≥20000H
Lifespan	≤100000H
Failed rate	≤1/100000 and no continuous failed pixels
Storage temperature	Storage -35℃~+85℃
Operating temperature	-20℃~+60℃
Operating voltage(AC)	90V-270V(50Hz/60Hz)
Average power consumption	≤170W/m²
Maximum power consumption	≤680W/m²
Cabinet specification	Die-casting aluminum cabinet
Brightness uniformity	≥99%
IP level	Front IP65/Rear IP65