Indoor Full Color LED Video Wall

TV-PD250-MS

Description:

It has the characteristics of seamless, perfect display, long lifespan, fast frame change, high refresh rate, good uniformity, wide viewing angle, high gray level and natural color reproduction. It is widely used in the command & dispatch, security monitoring, video conference, demonstrations and various indoor conference room display areas.

Feature:

* It can be used for real-time scene monitoring, various advertising playback.
* It is seamlessly spliced without visual black seams at all.
* The display module is flexible, flat, curved with smooth splicing.
* DC low voltage power supply; natural heat dissipation, no fan and no operation noise.
* When a failure happens, user is only required to maintain a single LED lamp or a single module at very low maintenance cost but pretty high speed.
* Support picture correction. Adopt Gamma correction to enable pixel-by-pixel brightness color correction.
* Support intelligent light control for brightness adjustment, bringing higher picture comfort levels, energy and electricity saving.
* With ultra-wide viewing angle display. Audience at a larger viewing range can watch clearly at any angle.
* With ultra-high refresh rate, good picture coherence and high picture fluency.
* The picture is delicate and realistic, and the gray level is still excellent under low brightness.
* Support ultra HD display. Unique image quality enhancement technology effectively improves image clarity, making high-speed picture smooth without image tail.

Specification

Model	C2.5
LED encapsulation	SMD2121 black light
Pixel pitch	2.5mm
Resolution	160000 pixels/m²
Lamp bead/IC	ODM Copper Wire / low refresh rate
Pixel composition	1R1G1B
Module resolution	128*64
Module dimension(mm)	320*160
Cabinet weight	≤0.48Kg per panel
Operating voltage	DC+4.2V~+5V
Main parameters	
Best view distance	≥7.5m
Horizontal view angle	≥175°

Vertical view angle	≥175°
Maintenance method	Front/rear maintenance
Graphics card	DVI/HDMI/DP
Video signal	Compatible with PAL / NTSC / SECAM system, support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc.
Control method	Synchronous control
Drive device	Constant current
Refresh frequency	≥1920Hz
Frame frequency	≥60Hz
Scanning method	32S
Brightness	200~600CD/m²
Grayscale	12/14/16bit
Contrast	≥10000:1
Attenuation rate (after working for 3 years)	≤15%
Brightness adjustment method	Automatic / manual: 1-100%
Computer operating system	WIN98/2000/WINXP/WINVista/WIN7
MTBF	≥20000H
Lifespan	≥100000H
Failed rate	≤1/100000 and no continuous failed pixels
Software	Professional LED video wall programming software
Storage temperature	-35℃~+85℃
Operating temperature	-20℃~+60℃
Operating voltage (AC)	220V±10%/50Hz or 110V±10%/60Hz
Average power consumption	≤168W/m²
Maximum power consumption	≤500W/m²
Installation specification	Magnetic
Brightness uniformity	≥99%
Protection class	IP5X