Fine Pitch Full Color LED Video Wall

TV-PG093-GP/TV-PG093-GX

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. The Gamma correction adopted enables 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.
* Support integrating 3D, touch screen and somatosensory games for more entertainment and interactivity.
* With an LCD rear panel, it supports installation accuracy display, single panel detection, working temperature/humidity display and so on.
* Wireless connection makes the rear panel clean and safe.
* Hard connection. Support hot plug for convenience and efficiency.
* Designed with no bottom case. The panel and the module directly contact to improve heat dissipation, no need to add a plastic bottom case.
* With installation angle detection, the unit panel has vertical and horizontal detection functions, and can display the horizontal and vertical angle values through the LCD panel.
* Support single-cabinet detection function by pressing the buttons on the cabinet after the screen is powered on.

Specifications:

Model	A0.9375	A0.9375
LED encapsulation	4 in 1 integrated packaging&common cathode (cc)	4 in 1 integrated packaging&common cathode (cc)
Pixel pitch	0.9375mm	0.9375mm
Resolution	1137778 pixels/m²	1141333 pixels/m²
Lamp bead/IC	ODM Gold Wire/ High refresh rate	itc Copper Wire/High refresh rate
Pixel composition	1R1G1B	
Module resolution	320*180	
Module dimension(mm)	300*168.75	
Cabinet resolution	642*360	
Cabinet dimension(mm)	600*337.5	
Cabinet weight	7.8Kg per panel	
Operating voltage	DC + 4.2V	
Best view distance	≥3m	
Horizontal view angle	≥175°	
Vertical view angle	≥175°	
Maintenance method	Front 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	≥3840Hz	
Frame frequency	≥60Hz	
Scanning method	36s	
Brightness	200~1000CD/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 / WIN XP / WIN Vista / WIN7	
MTBF	≥20000H	
Lifespan	≥100000H	
Failed rate	≤1/100000 and no continuous failed pixels	
Software	Professional LED video wall programming software	
Cabinet specification	Die-casting aluminum cabinet	
Brightness uniformity	≥99%	
Protection class	IP5X	
Operating voltage (AC)	220V ± 10% / 50Hz or 110V ± 10% / 60Hz	
Average power consumption	≤179W/m²	
Maximum power consumption	≤538W/m²	
Storage temperature	-35 ℃ ~ + 85 ℃	
Operating temperature	-20℃~+60℃	