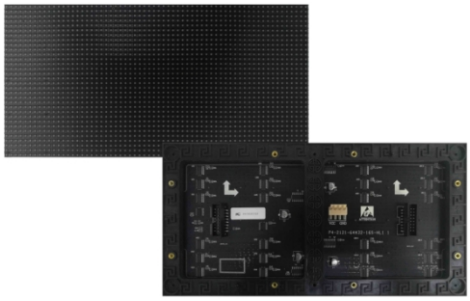
Full Color LED Display

TV-PM400-MS



Descriptions

It has the characteristics of seamless, perfect display, long lifespan, fast frame changing speed, high refresh, good uniformity, wide viewing angle, high gray level and natural color reproduction. It is widely used in command and dispatch, security monitor, video conference, demonstrations, large-scale stage, exhibition center, indoor gymnasium and various indoor conference room display areas.

Features

* It can be used for real-time monitor and display of the scene, playing various promotional advertisements, videos, art performances to create scenes and decorate special scenes, etc.
* The product is seamlessly spliced. And the splice has no visual black seams.
* The module of the display is flexible, flat and camber surface with smooth splicing.
* User only needs to maintain a single LED pixel or a single module at low maintenance cost but pretty high speed.
* Support picture correction. Gamma correction technology can achieve point-by-point brightness color correction.
* Support intelligent light control, which can adjust brightness intelligently, improve picture comfort, and save energy and electricity.
* Ultra-wide viewing angle display. The display screen has a larger viewing range, and the viewing angle is still clear 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 smoothly without smear.
* Good protection performance to avoid the influence of dust and other factors.
* Support front maintenance and make installation easier.

Module specifications

LED Package Form	SMD2121 black light
Pixel Pitch	4mm
Resolution	62500 pixel/m2
Lamp/IC	DSBJ/ Conventional IC
Luminous point color combination	1R1G1B
Module resolution	64*32
Module size (mm)	256*128
Operation Voltage	DC +4.2V~+5V

Main specifications

Best Viewing Distance	⩾12m
Horizontal viewing angle	≥160°
Vertical viewing angle	≥160°
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, etc.
Control method	Synchronous control
Drive device	Constant current
Refresh rate	1920Hz
Frame change frequency	≥60Hz
Scanning method	16S
Brightness	800CD/m2 (adjustable)
Gray level	12/14/16bit
Contrast	10000:1
Attenuation rate (after working for 3 years)	≤15%
Brightness adjustment method	Auto / Manual: 1-100%
Computer operation system	WIN98/2000/WIN XP/WIN Vista/WIN7
Mean time between failures	≥10000H
Lifespan	≤100000H
Noise Rate	≤1/100000 and no continuous out of control points
Software	Professional LED display system programming software
Ambient temperature	Storage -35°~+85°, working -10°~+40°
Working voltage (AC)	220V±10%/50Hz or 110V±10%/60Hz
Average power consumption	<181W/m2
Maximum power consumption	<544W/m2
Mounting box specification	Magnetic installation
Brightness uniformity	≥98%
Protection level	IP5X