



## Descriptions

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

## Features

- \* It can be used for real-time monitoring 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 stitching has no visual black seams.
- \* The module of the display is flexible, flat, curved 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 smooth without smear.
- \* Good protection performance to avoid the influence of dust and other factors.
- \* Support rear maintenance and make installation easier.

## Module Specifications

LED Package Form	SMD2121 black light
Pixel Pitch	2.5mm
Resolution	160000 pixel / m2
Lamp/IC	DSBJ / Dual Latch IC
Luminous point color combination	1R1G1B
Module resolution	128*64
Module size (mm)	320*160
Panel resolution	256*256
Panel size (mm)	640*640
Panel weight	11Kg/piece
Operating Voltage	DC +4.2V~+5V

## Main Specifications

<b>Best Viewing Distance</b>	≥ 7.5m
<b>Horizontal viewing angle</b>	≥ 160°
<b>Vertical viewing angle</b>	≥ 160°
<b>Maintenance method</b>	Rear maintenance
<b>Graphics card</b>	DVI/HDMI/DP
<b>Video signal</b>	Compatible with PAL/NTSC/SECAM system. Support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc.
<b>Control method</b>	Synchronous control
<b>Drive device</b>	Constant current
<b>Refresh rate</b>	1920Hz
<b>Frame change frequency</b>	≥ 60Hz
<b>Scanning method</b>	32S
<b>Brightness</b>	800CD/m <sup>2</sup> (adjustable)
<b>Gray level</b>	12/14/16bit
<b>Contrast</b>	10000:1
<b>Attenuation rate (after working for 3 years)</b>	≤ 15%
<b>Brightness adjustment method</b>	Auto / Manual: 1-100%
<b>Computer operating system</b>	WIN98/2000/WIN XP/WIN Vista/WIN7
<b>Mean time between failures</b>	≥ 10000H
<b>Lifespan</b>	≤ 100000H
<b>Noise Rate</b>	≤ 1/100000 and no continuous out of control points
<b>Software</b>	Professional LED display system programming software
<b>Ambient temperature</b>	Storage -35°~+85°, working -10°~+40°
<b>Working voltage (AC)</b>	220V±10%/50Hz or 110V±10%/60Hz
<b>Average power consumption</b>	< 217W/m <sup>2</sup>
<b>Maximum power consumption</b>	< 650W/m <sup>2</sup>
<b>Mounting box specifications</b>	Die-cast aluminum housing
<b>Brightness uniformity</b>	≥ 98%
<b>Protection level</b>	IP5X