



### Description

It has the characteristics of seamless, perfect display, long service life, 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 monitoring, video conferencing, demonstrations, large-scale stage, exhibition center, indoor gymnasium and indoor various 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 display unit is flexible, flat, curved with smooth splicing..
- \* The fault only needs to maintain a single LED pixel or a single module at low maintenance cost and 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 post-maintenance and make installation easier.

### Module Specifications

LED Encapsulation	SMD2121 black light
Physical Pixel Pitch	2.5mm
Resolution	160000 points / m2
Lamp bead/IC	DSBJ / PWM
Luminous point color combination	1R1G1B
Unit panel resolution	128*64
Unit panel size (mm)	320*160
Cabinet resolution	256*256
Cabinet size (mm)	640*640
Cabinet weight	11Kg
Operating Voltage	DC +4.2V~+5V

### Main Specifications:

<b>Optimum Viewing Distance</b>	≥7.5m
<b>Horizontal viewing angle</b>	≥160°
<b>Vertical viewing angle</b>	≥160°
<b>Maintenance method</b>	Pre-maintenance / 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 drive
<b>Refresh rate</b>	3840Hz
<b>Frame change frequency</b>	≥60Hz
<b>Scanning method</b>	32S
<b>Brightness</b>	800CD/m2 (adjustable)
<b>Gray level</b>	12/14/16bit
<b>Contrast</b>	10000:1
<b>Attenuation rate (working for three 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>Service life</b>	≤100000H
<b>Pixel out-of-control point</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/m2
<b>Maximum power consumption</b>	<650W/m2
<b>Mounting box specifications</b>	Die-cast aluminum cabinet
<b>Brightness uniformity</b>	≥98%
<b>Protection level</b>	IP5X