



### 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, etc. It is widely used in command and dispatch center, security monitoring, video conferencing, program broadcasting display, large-scale stage, exhibition center, indoor gymnasium and various conference rooms.

### Features

- \* It can be used for displaying the real-time monitoring scene, playing various promotional advertisements, videos, art performances to create scenes and decorate special scenes, etc.
- \* The product is seamlessly spliced. And there is 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 electricity.
- \* Ultra-wide viewing angle. The display screen has a larger viewing range, and the viewing angle is very 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 front maintenance and make installation easier.

### Module Specifications

LED Package Form	SMD2121 black light
Pixel Pitch	2.5mm
Resolution	160000 pixel/ m2
Lamp/IC	DSBJ / ICN2153
Luminous point color combination	1R1G1B
Module resolution	128*64
Module size (mm)	320*160
Operating Voltage	DC +4.2V~+5V

## Main Specifications

Best Viewing Distance	≥ 7.5m
Horizontal viewing angle	≥ 160°
Vertical viewing angle	≥ 160°
Maintenance method	Rear maintenance
Display 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 rate	3840Hz
Frame change frequency	≥ 60Hz
Scanning method	32S
Brightness	800CD/m <sup>2</sup> (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 operating system	WIN98/2000/WIN XP/WIN Vista/WIN7
Mean time between failures	≥ 10000H
Lifespan	≤ 100000H
Pixel out of control point	≤ 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	< 217W/m <sup>2</sup>
Maximum power consumption	< 650W/m <sup>2</sup>
Mounting box specifications	Magnetic installation
Brightness uniformity	≥ 98%
Protection level	IP5X