



### Description

It has the characteristics of seamless splicing, perfect display, long service lifespan, fast frame changing speed, high refresh rate, good uniformity, wide viewing angle, high grayscale, natural color reproduction, etc. It is widely used in command and dispatch, security monitoring, video conference, studio display, and various conference display occasions.

### Feature

- \* Seamless splicing without visual black seams.
- \* The display module is flexible, and supports flat and curved smooth splicing.
- \* The picture is delicate and realistic, and the grayscale is still excellent under low brightness.
- \* DC low-voltage power supply, natural heat dissipation, no fan, and zero noise.
- \* It can be used for real-time scene monitoring and various advertising playback.
- \* With ultra-high refresh rate, good picture coherence and high fluency.
- \* When a failure occurs, it only needs 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, which can intelligently adjust brightness, improve picture comfort, and save energy.
- \* With ultra-wide viewing angle display. The display screen has a wider visual range, and the viewing picture from any angle is still clear.
- \* Support ultra HD display. Unique image quality enhancement technology effectively improves image clarity, making high-speed picture smooth without image smearing.



### Specification

<b>Module parameters</b>	
LED encapsulation	SMD1515 black light
Pixel pitch	1.86mm
Resolution	288906 pixels/m <sup>2</sup>
Lamp bead/IC	Domestic high-quality copper wire/high refresh rate
Pixel configuration	1R1G1B
Module resolution	172*86
Module size (mm)	320*160
Module weight	≤0.48Kgpc
Working voltage	DC+4.2V~+5V
<b>Main parameters</b>	
Best viewing distance	≥5.5m
Horizontal viewing angle	≥175°
Vertical viewing angle	≥175°
Maintenance method	Front/rear maintenance
Control mode	Synchronous control
Drive device	Constant current
Refresh rate	≥4200Hz
Frame rate	≥60Hz
Scanning method	58S
Brightness	200-800CD/m <sup>2</sup>
Grayscale	12/14/16/18bit
Contrast	≥10000:1
Attenuation rate (after working for 3 years)	≤15%
Brightness adjustment method	Auto/manual: 0-100%
MTBF	≥20000H
Lifespan	≥100000H
Failed rate	≤1/100000 and no continuous failed pixels
Storage temperature	-35°C~+85°C
Working temperature	-20°C~+60°C
Working voltage (AC)	220V±10%/50Hz/60Hz
Average power consumption	≤125W/m <sup>2</sup> at 800CD/m <sup>2</sup> (≤95W/m <sup>2</sup> at 600CD/m <sup>2</sup> )
Maximum power consumption	≤500W/m <sup>2</sup> at 800CD/m <sup>2</sup> (≤380W/m <sup>2</sup> at 600CD/m <sup>2</sup> )
Installation method	Magnetic installation
Brightness uniformity	≥99%
Protection class	IP5X