



## Indoor full-color LED screen

### C1.25(C1.25-4:3)



## 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

- \*One cabinet, one card, one power supply, can be directly mounted on the wall, embedded or floor-standing.
- \*The hidden connection design between the display cabinet and the cabinet means that no signal cables or power cables can be seen on the back.
- \*The cabinet size adopts the best ratio of 4:3, providing excellent visual experience and meeting the needs of the mainstream market.
- \*The weight of the finished LED display unit cabinet is  $\leq 5.7$ kg; the thickness of the finished LED display unit cabinet is  $\leq 31.5$ mm.
- \*It adopts a non-contact magnetic levitation front maintenance design, which can install and remove modules, receiving cards and power supplies from the front, making maintenance easy.
- \*The cabinet adopts front-and-rear installation, which can fit the wall at close range, effectively saving space and achieving perfect fit with the surrounding environment.
- \*The LED display module adopts a plastic-free bottom shell kit design, and the die-cast aluminum cabinet is in direct contact with the module PCB to improve thermal conductivity and extend service lifespan.
- \*The switching power supply has PFC function to prevent flickering and black screens caused by unstable power grid, and has overcurrent, short circuit, overvoltage and undervoltage protection functions.
- \*The bottom of the cabinet is designed with locating pin bosses to prevent lights from falling out due to collision between the module and the ground or platform during construction, transfer or display.



### Specification

<b>Module parameters</b>	
LED encapsulation	SMD1212 black light
Pixel pitch	1.25mm
Resolution	640000 pixels/m <sup>2</sup>
Lamp beads/IC	Domestic high-quality copper wire/high refresh rate
Pixel configuration	1R1G1B
Module resolution	256*128
Module size (mm)	320*160
Cabinet resolution	512*384
Cabinet dimension(mm)	640*480*31.5
Cabinet weight	≤5.7Kg/piece
Working voltage	DC+4.2V~+5V
<b>Main parameters</b>	
Best viewing distance	≥3.7m
Horizontal viewing angle	≥175°
Vertical viewing angle	≥175°
Maintenance method	Front maintenance
Control mode	Synchronous control
Drive device	Constant current drive
Refresh rate	≥4200Hz
Frame rate	≥60Hz
Scanning method	64S
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≥100000H
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> )
Cabinet material	Die-cast aluminum cabinet
Brightness uniformity	≥99%
Protection class	IP5X