



Description

It features seamless splicing, high contrast, high color gamut, ultra-high color consistency, high grayscale, fast frame changing speed, natural color reproduction, wide viewing angle, perfect display, long service lifespan and other characteristics. It is shockproof, crashproof, moisture-proof, front waterproof, dust-proof, and is suitable for use in various harsh environments, with better high and low temperature/humidity storage and application performance.

Feature

- *Can be used for real-time monitoring of on-site conditions and playback of various promotional advertisements.
- *Seamless splicing with no visual black seams.
- *Flexible and compact display units, suitable for flat and curved surfaces, allowing for smooth splicing.
- *DC low-voltage power supply, natural heat dissipation, fanless operation, zero noise.
- *Ultra-low out-of-box failure rate, extremely low maintenance and operating costs, and easy unit board replacement.
- *Supports image correction, employing gamma correction technology for point-by-point brightness and color correction.
- *Supports intelligent light control, intelligently adjusting brightness to improve viewing comfort and save energy.
- *Ultra-wide viewing angle, providing a wider viewing range and clear images from any angle.
- *High refresh rate, ensuring smooth and consistent image quality.
- *Delicate and realistic images, maintaining excellent grayscale even in low brightness conditions.
- *Supports ultra-high-definition display, employing unique image enhancement technology to effectively improve image clarity and deliver smooth, ghosting-free high-speed images.
- *The LED display module adopts a plastic-free base shell design. The die-cast aluminum cabinet is in direct contact with the PCB, and the direct contact between the PCB edges and the four sides of the die-cast cabinet improves thermal conductivity. Compared with products with plastic base shells, this better solves the problems of color drift and reduced lifespan caused by heat dissipation.
- *The LED display adopts a non-contact magnetic levitation front maintenance design, allowing for front-side disassembly of modules, adapter boards, and other low-voltage components. Multiple hot-swap tests ensure normal operation.
- *The LED display's color temperature is continuously adjustable from 1000K to 20000K, with multiple white level adjustments including cool, warm, and standard. At a color temperature of 8500K, the color temperature error for the four white level adjustments (100%, 75%, 50%, and 25%) is $\leq 100K$.
- *The LED display screen records the number of times it is turned on and off and its usage duration, with a data retention period of 100 days. It also supports monitoring of on-site temperature and humidity, displaying the data in real-time on the control software, allowing users to easily understand the on-site screen and ambient temperature and humidity data.
- *The LED display screen has a FLASH intelligent storage circuit that can store module calibration data. Replacing a module automatically retrieves the calibration data, with a storage capacity of $\geq 1MB$.
- *The LED display screen features a low blue light mode, with three adjustable blue light output levels (30%, 40%, and 70%) selectable in the control software, effectively reducing the harmful effects of blue light radiation on the eyes.



Indoor Full Color LED Video Wall

COB1.25(TV-COB125)

Specification

Pixel pitch	1.25mm
Resolution	640000 pixels/m ²
Lamp bead/IC	COB Full inverted common cathode /professional high refresh IC
Pixel composition	1R1G1B
Module resolution	120*135
Module dimension(mm)	150*168.75
Cabinet resolution	480*270
Cabinet dimension(mm)	600*337.5
Cabinet weight	≤4.3kg/pc
Operating voltage	DC+4.2V
Best viewing distance	≥3.75m
Horizontal view angle	≥178°
Vertical view angle	≥178°
Maintenance method	Front maintenance
Control mode	Synchronous control
Drive device	Constant current drive
Refresh rate	≥3840Hz
Frame rate	≥60Hz
Scanning method	60S
Brightness	200-800CD /m ²
Grayscale	12/14/16 bit
Contrast	≥100000:1
Attenuation rate (after 3-year work)	≤15%
Brightness adjustment method	0-100% adjustment through supporting software; support automatic/manual, support setting brightness timing adjustment
MTBF	≥20000H
Lifespan	≥100000H
Failed rate	≤1/100000 and no continuous failed pixels
Ambient temperature	storage temperature: -35℃ to +85℃
Operating temperature	-20℃ ~ +60℃
Operating voltage(AC)	90V ~ 270V(50Hz/60Hz)
Average power consumption	≤104W/m ² at 600cd/m ²
Maximum power consumption	≤300W/m ² at 600cd/m ²
Cabinet specification	Die-cast aluminum cabinet
Brightness uniformity	≥99%
Protection class	IP65 Front