Indoor Full Color LED Video Wall

TV-COB125-Y

Description:

It has the characteristics of seamless splicing, high contrast, high color gamut, high color uniformity and high gray level, fast refresh frame frequency, natural color reduction, wide viewing angle, perfect display, long lifespan, shockproof, anticollision, moisture-proof, waterproof and dustproof; suitable for all kinds of harsh environment, with better high and low temperature/humidity storage and application performance.

Feature:

* High protection: shockproof, crashproof,moisture-proof, front waterproof and dust-proof.
* High adaptability: suitable for various harsh environments, with better high and low temperature/humidity storage and application performance.
* High reliability: realize ultra low failed rate during long-term use. Even if individual lamp bead fails, the modules can be directly replaced and returned to the factory for maintenance to prevent the trouble of repairing the lamp during long-term use for users.
* It can be used for real-time scene monitoring, various advertising playback.
* It is seamlessly spliced without visual black seams at all.
* The display module is flexible, and supports flat and curved smooth splicing.
* DC low voltage power supply; natural heat dissipation, no fan and no operation noise.
* Ultra-low cabinet failed rate, extremely low maintenance and use costs, and easy replacement of unit boards.
* Support picture correction. The Gamma correction adopted enables pixel-by-pixel brightness color correction.
* Support intelligent light control, intelligent brightness adjustment, improve picture comfort, more energy saving and power saving
* With ultra-wide viewing angle display. the display screen has a wider visual range, and the viewing picture from any angle is still clear.
* With ultra-high refresh rate, good picture coherence and high fluency.
* The picture is delicate and realistic, and the grayscale 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 image smearing.
* Support integrating 3D, touch screen, somatosensory games and other functions to improve entertainment and interactivity.

Specifications:

Model	COB1.25
Pixel pitch	1.25mm
Resolution	640000 pixels/m²
Lamp bead/IC	Flip chip COB/professional high refresh IC
Pixel composition	1R1G1B
Module resolution	240*270
Module dimension(mm)	300*337.5
Cabinet resolution	480*270
Cabinet dimension(mm)	600*337.5
Cabinet weight	≤7kg/pc
Operating voltage	DC +4.2V~+5V
Best viewing distance	≥3.75m
Horizontal view angle	≥175°
Vertical view angle	≥175°
Maintenance method	Front maintenance
Graphics card	DVI/HDMI/DP
Video signal	Compatible with PAL/NTSC/SECAM format, support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc.
Control mode	Synchronous control
Drive device	Constant current drive
Color Modes	AdobeRGB / sRGB / LED Natural Mode Spectra
Refresh rate	≥3840Hz
Visual Refresh Rate	7,680 Hz
Frame rate	≥60Hz
Scanning method	45S
Brightness	1600nit/500nit
Grayscale	12/14/16bit
Contrast Ratio	24000:1
Attenuation rate (after 3-year work)	≤15%
Brightness adjustment method	Auto/Manual: 1~100%
Computer operating system	WIN98/2000/WIN XP/WIN Vista/WIN7
MTBF	≥20000H
Lifespan	≥150000H
Failed rate	≤1/1000000 and no continuous failed pixels
Software	Professional LED video wall system programming software
Storage temperature	-40℃~+85℃
Operating temperature	-20℃~+60℃
Operating voltage(AC)	220V±10%/50Hz or 110V±10%/60Hz
Average power consumption	≤200W/m²
Maximum power consumption	≤600W/m²
Cabinet specification	Die-cast aluminum cabinet
Brightness uniformity	≥99%
Protection class	Front IP65