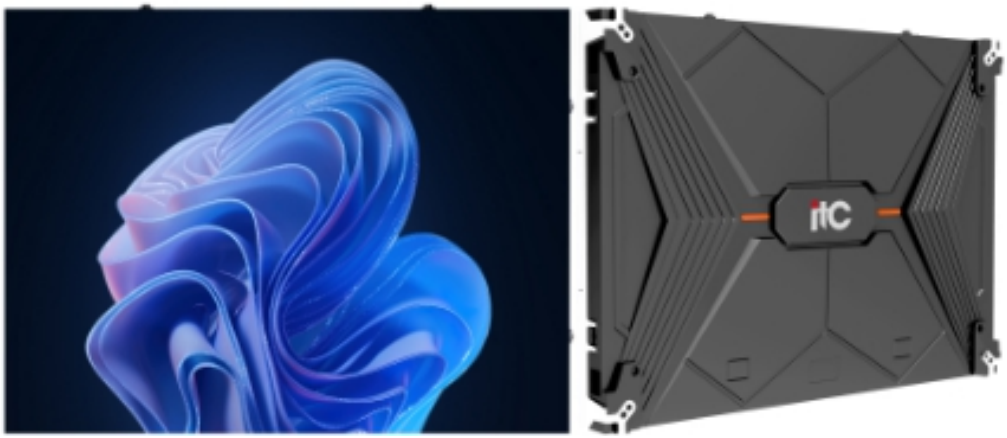
Indoor Full Color LED Video Wall

C2.5(TV-PD250-YS)



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

* Used to monitor and display the situation in real time and play various advertisements.
* Seamless splicing, and no visual black seam on the screen.
* The display unit is flexible and compact, and supports flat and curved splicing.
* DC low-voltage power supply, natural heat dissipation, no fan, and zero noise.
* When a failure occurs, it only needs to maintain a single LED pixel or a single module, realizing low maintenance cost and fast maintenance speed.
* Support picture correction, adopt gamma correction technology, achieve point-by-point brightness and color correction.
* Support smart light control, smartly adjust brightness, improve picture comfort, and save energy.
* With ultra-wide viewing angle, the screen has a larger viewing range, and the picture is still clear when viewed from any angle.
* Support ultra-high refresh speed, good screen continuity and high screen fluency.
* The picture is delicate and realistic, and the grayscale is still excellent in low brightness.
* Support UHD display, adopt unique image quality enhancement technology to effectively improve image clarity, and the high-speed picture is smooth and no smear.

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Specification

LED encapsulation	SMD2121 black light
Pixel pitch	2.5mm
Resolution	160000 pixels/m²
Lamp bead/IC	Domestic high-quality copper wire/low refresh rate
Pixel configuration	1R1G1B
Module resolution	128*64
Module size (mm)	320*160
Cabinet resolution	256*192
Cabinet size (mm)	640*480
Cabinet weight	≤7.85Kg/pc
Working voltage	DC+4.2V~+5V
Main specification	
Best viewing distance	≥7.5m
Horizontal viewing angle	≥175°
Vertical viewing angle	≥175°
Maintenance method	Front maintenance
Graphics card	DVI/HDMI/DP
Video signal	Compatible with PAL/NTSC/SECAM format, support S-Video; VGA; RGB; CompositeVideo; SDI; DVI; RF; RGBHV; YUV; YC, etc.
Control mode	Synchronous control
Drive device	Constant current drive
Refresh rate	≥1920Hz
Frame rate	≥60Hz
Scanning method	32S
Brightness	200～600CD/m²
Grayscale	12/14/16bit
Contrast	≥10000:1
Decay rate (after 3-year work)	≤15%
Brightness adjustment method	Auto/Manual 1～100%
Computer operating system	WIN98/2000/WINXP/WINVista/WIN7
MTBF	≥20000H
Lifespan	≥100000H
Failed rate	≤1/10000 and no continuous failed pixels
Software	Professional LED video wall system programming software
Storage temperature	-35℃～+85℃
Working temperature	- 20℃～+60℃
Working voltage (AC)	220V±10%/50Hz or 110V±10%/60Hz
Average power consumption	≤168W/m²
Maximum power consumption	≤500W/m²
Cabinet material	Die-cast aluminum cabinet
Brightness uniformity	≥99%
Protection class	IP5X