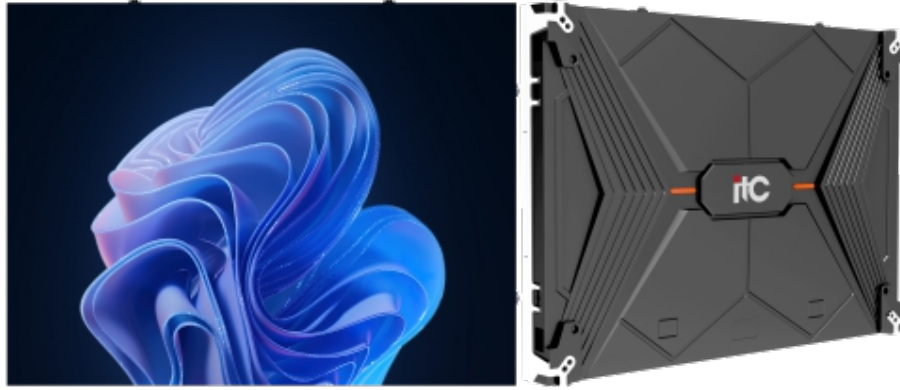




# Indoor Full Color LED Video Wall

## TV-PD300-YZ



### Description

It is characterized by seamless display, long service lifespan, high frame rate, 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, television studio, indoor conference rooms and other occasions.

### Feature

- \* Used to monitor and display the scene situation in real time and play various advertisements.
- \* Seamless splicing, no visual black seams.
- \* The display unit is flexible and compact to achieve smooth flat and curved splicing.
- \* DC low-voltage power supply, natural heat dissipation, no fan, and zero noise.
- \* It only needs to maintain a single LED pixel or a single module when it fails, which is convenient and cost-saving.
- \* Support picture correction, use gamma correction technology to realize pixel-by-pixel brightness and color correction.
- \* Support smart light control, adjust brightness intelligently, improve picture comfort, and save energy.
- \* With ultra-wide viewing angle, the display is still clear when viewed from any angle.
- \* With ultra-high refresh speed, the screen has good continuity and high fluency.
- \* The display 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; the high-speed picture is smooth without tailing.

### Specification

Model	C3.0
LED encapsulation	SMD2121 black light
Pixel pitch	3.0mm
Resolution	105625 pixel/m <sup>2</sup>
Lamp bead/IC	ODM copper wire / high refresh rate
Pixel configuration	1R1G1B
Module resolution	104*52
Module size (mm)	320*160
Cabinet resolution	208*156
Cabinet size (mm)	640*480
Cabinet weight	7.85kg/pc
Power voltage	DC+4.2V~+5V
Main parameter	
Best viewing distance	≥9.0m
Horizontal viewing angle	≥175°
Vertical viewing angle	≥175°
Maintenance method	Front maintenance
Graphics card	DVI/HDMI/DP



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<b>Video signal</b>	Compatible with PAL/NTSC/SECAM format, support S-Video; VGA; RGB; CompositeVideo; SDI; DVI; RF; RGBHV; YUV; YC, etc.
<b>Control mode</b>	Synchronous control
<b>Drive device</b>	Constant current
<b>Refresh rate</b>	$\geq 3840\text{Hz} \geq 60\text{Hz}$
<b>Frame rate</b>	$\geq 60\text{Hz}$
<b>Scanning method</b>	26S
<b>Brightness</b>	200 ~ 600CD/m <sup>2</sup>
<b>Grayscale</b>	12/14/16bit
<b>Contrast</b>	$\geq 10000:1$
<b>Attenuation rate (after 3-year work)</b>	$\leq 15\%$
<b>Brightness adjustment</b>	Auto/Manual: 0~100%
<b>Computer operating system</b>	WIN98/2000/WINXP/WINVista/WIN7
<b>MTBF</b>	$\geq 20000\text{H}$
<b>Lifespan</b>	$\geq 100000\text{H}$
<b>Failed rate</b>	$\leq 1/100000$ and no continuous failed pixels
<b>Software</b>	Professional LED display system programming software
<b>Storage temperature</b>	-35°C~+85°C
<b>Working temperature</b>	-20°C~+60°C
<b>Working voltage (AC)</b>	220V $\pm 10\%$ /50Hz or 110V $\pm 10\%$ /60Hz
<b>Average power consumption</b>	$\leq 168\text{W/m}^2$
<b>Maximum power consumption</b>	$\leq 500\text{W/m}^2$
<b>Installation cabinet</b>	Die-cast aluminum cabinet
<b>Brightness uniformity</b>	$\geq 99\%$
<b>Protection class</b>	IP5X