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LED DISPLAY  
SCREEN  
INDOOR  
SMD P10

Sunshine Display Systems  
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## **P10 Integrated 3 in 1 Full Color Indoor LED Screen Series**

Full color indoor P10 LED screens with integrated 3in1 SMD full color LED block modules as unit is another deeper revolutionary development in the LED screens industry. It shows a super fine and high quality picture on the LED screens and has a much wider viewing angle than the full color dip lamps LED screens. It rejects the deficiencies of the traditional LED lamp outdoor display screens. The 10mm 3in1 SMD has been the outmost highest pitch of conventional LED lamp display, but Vegas LED Screens has launched a big quantity of 10mm indoor LED displays into the market, bringing people its best video picture in daytime from a larger indoor distance.

**LED Screen Name:** P10 Indoor Integrated 3in1 Full Color SMD Series

**LED Class:** Integrated 3in1 SMD Series

**Pixel pitch:** 10mm

**Cabinet Size:** 960mm(w) X 960mm(h)

### **LED Screen Advantages**

- High resolution of indoor full color LED display;
- Integrated encapsulation is blessed with higher reliability;
- Good color mixture from far or very near distance;
- Good color consistency transparent picture;
- Good picture uniformity;
- Wide viewing angle;
- Higher contrast ratio;
- The most economical and rational solution for 3 in 1 full color technology.

### **Indoor LED Screen P10 3in1 SMD**

<b>Pixel Pitch</b>	10mm
<b>Working Voltage</b>	AC220V±10%; AC110V±10%
<b>Power Consumption</b>	Max 300W/sqm Average 190W/sqm
<b>LED Brand</b>	Epistar LED Chips
<b>Maximum Brightness</b>	> 2,400 cd/m <sup>2</sup>
<b>Pixel Configuration</b>	1R1G1B
<b>Pixel Size</b>	5.0 mm (circle)
<b>Pixel Density</b>	10,000 Pixels/m <sup>2</sup>
<b>Drive Mode</b>	1/8 Scanning

<b>Grade Level</b>	RGB 4096 grade/each
<b>Best Viewing Distance</b>	<8m ~ >150m (26ft ~ >492ft)
<b>Viewing Angle</b>	Horizontally >160° / Vertically >130°
<b>Screen Lifetime</b>	≥ 100,000 hours
<b>Driving IC</b>	MBI5024
<b>Refresh Frequency</b>	≥ 400HZ/s (1,000+ HZ/s available)
<b>Change Frame Frequency</b>	≥ 60Hz
<b>Protection Level</b>	IP43
<b>Control System <sup>1</sup></b>	Simple LED Video Control System or Advanced LED Video Processor
<b>Ambient Temperature</b>	-10°C ~ +45°C (-14°F ~ 113°F)
<b>Relative Humidity</b>	10%~90%
<b>Screen Weight</b>	Steel: ≤ 35Kg/cabinet (81 Lbs)
<b>Input Signal</b>	RF S-Video RGB RGBHV YUVYC, etc.
<b>Brightness Adjustment <sup>2</sup></b>	256 levels of each color (RGB) can be adjusted manually and 8 levels of each color can be adjusted automatically.
<b>LED Module Size</b>	320mm x 160mm (12.6" X 6.3") (32 pixels x 16 pixels)
<b>LED Cabinet Size</b>	960mm X 960mm (38" X 38") (96 pixels x 96 pixels)
<b>Cabinet Material</b>	Steel
<b>Package Material</b>	Wooden Case
<b>Warranty <sup>3</sup></b>	1 Years

1. WIFI/LAN/WAN/3G/WIMAX control system available upon request.
2. Intelligent multifunctional card available with automatic brightness sensor to save energy including outside temperature sensor.
3. Warranty extension program available.