

Sunshine Display Systems  
Lights on. Lives on.



LED DISPLAY  
SCREEN  
OUTDOOR  
DIP P16

Sunshine Display Systems  
Lights on. Business on.

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## Outdoor P16 Dip Lamp Full Color LED Screen Series

This PH16 outdoor full color advertising LED display screen adopts physical and virtual pixel technology which makes the picture more clear and vivid, no flicker and blind dots. The screen is manufactured in a waterproof and dustproof design so it can work very well in rain and sunshine. It can be assembled and disassembled very easy, it is an ideal product for any kind advertisements.

**LED Screen Name:** P16 Led Dip Lamp Full Color

**LED Class:** Dip LED lamp

**Pixel pitch:** 16mm

**Cabinet Size:** 1024mm(w) X 768mm(h) / 1024mm(w) X 1024mm(h)

1. Full color outdoor LED display screens for advertising campaigns;
2. High brightness and easy installation;
3. Dimension can be customized;
4. Long lifetime and low power consumption;
5. Passed CE, ROHS, FCC Certification, ISO 9002.

### LED Screen Advantages

- Frequently-used outdoor full color led screen ;
- High quality and brightness. Wide color space and long lifespan;
- Adopting high reliability and antistatic led chips from famous factory automatic equipment producing;
- Constant current , led panel and driving panel is designed separately,which improve reliability and maintainability;
- High quality sealed silicone , passing by water spraying test before delivery;
- High accuracy and numerical control metal plate cabinet .

### Outdoor LED Screen P16 Dip

<b>Pixel Pitch</b>	16mm
<b>Working Voltage</b>	AC220V±10%; AC110V±10%
<b>Power Consumption</b>	Max 750W/sqm Average 450W/sqm
<b>LED Brand</b>	Silan or Cotco Cree or Nichia
<b>Maximum Brightness</b>	> 7,000 cd/m <sup>2</sup>
<b>Pixel Configuration</b>	1R1G1B (Oval LED Lamp)
<b>Pixel Density</b>	3,906 Pixels/m <sup>2</sup>

<b>Drive Mode</b>	Static Scanning
<b>Grade Level</b>	RGB 4096 grade/each
<b>Best Viewing Distance</b>	16m ~ >400m (52ft ~ >1300ft)
<b>Viewing Angle</b>	Horizontally 130° / Vertically 70°
<b>Screen Lifetime</b>	≥ 100,000 hours
<b>Refresh Frequency</b>	≥ 400HZ/s (1,000+ HZ/s available)
<b>Change Frame Frequency</b>	≥ 60Hz
<b>Protection Level</b>	Front IP65 / Rear IP54
<b>Control System <sup>1</sup></b>	Simple LED Video Control System or Advanced LED Video Processor
<b>Ambient Temperature</b>	-30°C ~ 60°C (-22°F ~ 140°F)
<b>Relative Humidity</b>	10%~90%
<b>Screen Weight</b>	Steel: ≤ 47Kg/cabinet (103 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>	256mm x 128mm (10" X 5") (16 pixels x 8 pixels)
<b>LED Cabinet Size</b>	1024mm X 768mm (40" X 30") (64 pixels x 48 pixels)
<b>Cabinet Material</b>	Steel or Aluminum
<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. Two years warranty extension program available.