



深圳市齐普光电子有限公司
SHENZHEN CHIP OPTECH CO.,LTD.

P10MM OUTDOOR FULL COLOR VIRTUAL PIXEL LED DISPLAY

Product model number	PH10SOVL4-F16x16
1.Pixel	
Pixel LED	546
Pixel Configuration	2R, 1G, 1B
Wave length (nm)	R: 626-628, G: 518-520, B: 466-468,
Pixels Pitch (mm)	10
Virtual Pixels Pitch (mm)	5
2.Module	
Module Size (mm)	160 * 160 * 20
Module Pixels (dot)	16 * 16
3.Unit box	
Module quantities in a unit box	4(L) * 3(H)
Unit box size (mm)	640(L) * 480(H) * 150
Unit box Pixels (dot)	64 * 48
Unit box material	Iron or Aluminum
Weight (kg/box)	Aluminum : 16 or Iron : 25
4.Packaging	
Packing Way	Four unit boxes packed into one
Packing box material	Wooden case or Flight box



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Packing box size (mm)	1100 * 780 * 480
5.electricity parameter	
Physical Pixel density (dots/m ²)	10, 000
White Balance Brightness(cd/m ²)	≥5, 000
Color temperature(K)	5000—9500 (choice by user)
Brightness Adjusted	100 grade by software, or by Auto-optic induced.
View Angel	Horizontal 110°; Vertical 70°
Best viewing distance(m)	≥5
Communication distance (m)	Internet Wire: 120 Fiber Cable: 1000
Screen work Method	1/4
LED driving method	Constant driving current
Gray Grades	16384 levels for each color
Display Color	4, 398, 046, 511, 104
Refresh Frequency (Hz)	≥300
Picture display method	Dots to dots display synchronized with CRT
Signal interface	DVI
Input signal	Video:PAL/NTSC optioned.VGA,Svideo,DVD,TV
Display format	800* 600, 1024 * 768, 1280 * 1024
Software	Support windows series system
Protection grades	IP65



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Working temperature(°C)	-10~+50
Humidity(RH)	Up to 95
Stored temperature (°C)	-30~+70
Screen Lifetime(hours)	≥100, 000
Out of controlled dots	≤3/10,000 (Out of controlled dots means the pixels of which the brightness and the wave length are both >10% depart to the normal one)
Whole display flatnes	Less than 1mm Juncture
Maintance way	Back-maintained or front-maintained, modules displaced
Switch power supply	Single Phase AC: 110V/60Hz or 220V/50Hz
Power Consumption (w/m ²)	Max: 1800, Average: ≥900