



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

P22MM OUTDOOR FULL COLOR VIRTUAL PIXEL LED DISPLAY

Product model number	PH22SOVL1-F16x8
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)	22
Virtual Pixels Pitch (mm)	11
2.Module	
Module Size (mm)	352 * 176 * 20
Module Pixels (dot)	16 * 8
3.Unit box	
Module quantities in a unit box	3(L) * 6(H)
Unit box Size(mm)	1056(L) * 1056(H) * 180
Unit box Pixels(dot)	48 * 48
Unit box Material	Aluminum or Iron
Weight (kg/box)	Aluminum : 58 or Iron : 68
4.Packaging	
Packing Way	Two unit boxes packed into one packing box
Packing box material	Wooden case or Flight case

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Packing box size (mm)	1200 (L) * 1250(H) * 480
5.Other electricity parameter	
Physical Pixel density (dots/m ²)	2066
White Balance Brightness(cd/m ²)	≥5500
Brightness Adjusted	100 grade by software,or by Auto-optic induced.
Color temperature(K)	5000—9500 (choice by user)
View Angel	Horizontal 110°; Vertical 70°
Best viewing distance (m)	≥10
Communication distance (m)	Internet Wire: 120 Fiber Cable: 1000
Driving Method	Static
LED driving method	Constant driving current
Gray Grades	16384
Display Color	4, 398, 046, 511, 104
Refresh Frequency	≥400Hz
Picture display method	Dots to dots display synchronized with CRT
Picture display interface	DVI interface
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 flatness	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: 820, Average: ≥400