



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

PH20MM OUTDOOR FULL COLOR VIRTUAL PIXEL LED DISPLAY

Product model number	PH20SOVL1-F16x8
<b>1.Pixel</b>	
Pixel LED	546
Pixel Configuration	2R, 1G, 1B
Wave length (nm)	R: 626-628, G: 518-520, B: 466-468
Pixels Pitch (mm)	20
<b>2,Module</b>	
Module Size (mm)	320 * 160 * 20
Module Pixels (dot)	16 * 8
<b>3.Unit box</b>	
Module quantities in a unit box	4 (L) * 6 (H)
Unit box size (mm)	1280 (L) * 960 (H) * 180
Unit box Pixels (dot)	64 * 48
Unit box material	Aluminum or Iron
Weight (kg/box)	Aluminum: 65 or Iron: 75
<b>4.Packaging</b>	
Packing Way	Two unit boxes packed into one
Packing box material	Wooden case or Flight box
Packing box size (mm)	1400 * 1150 * 480

Tel: 86-755-83419012 83893997 83894037 83419034 88350045 83429047 Fax: 86-755-82975893  
Website: [www.chipshow.com](http://www.chipshow.com) Email: [manager@chipshow.com](mailto:manager@chipshow.com) MSN: [led\\_signs@hotmail.com](mailto:led_signs@hotmail.com) Skype: led\_screen  
Add: F3,A,Yufeng Industrial Park,82 Area,Baoan District,Shenzhen City China



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<b>5.Electricity parameter</b>	
Pixel density (dots/m <sup>2</sup> )	2500
White Balance Brightness(cd/m <sup>2</sup> )	≥5500
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)	14—200
Communication distance (m)	Internet Wire: 120, Fiber Cable: 1000
Screen work Method	Static
LED driving method	Constant driving current
Gray Grades	16384 levels for each color
Display Color	4, 398, 046, 511, 104
Refresh Frequency (Hz)	≥400
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
Working temperature(°C)	-30~+60



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Humidity(RH)	Up to 95
Stored temperature (°C)	-40~+80
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, modules displaced
Switch power supply	Switch power supply (include CE/GS or UL/CSA certificate) 110V/60HZ, 220V/50HZ
Power Consumption (w/m <sup>2</sup> )	Max 900, Average: ≥450