



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

PH20MM OUTDOOR SMD 3 IN 1 FULL COLOR LED DISPLAY SCREEN

Product model number	PH20-H/OR-L1280H960
1.Pixel	
Pixel LED	SMD 5050
Pixel Configuration	1R, 1G, 1B
Wave length (nm)	R: 626-628, G: 518-520, B: 466-468
Pixels Pitch (mm)	20
2.Module	
Module Size (mm)	320 * 160 * 20
Module Pixels (dot)	16 * 8
3.Unit box	
Module quantities(pcs/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
4.Packaging	
Packing Way	Two unit boxes packed into one
Packing box material	Wooden case or Flight box
Packing box size (mm)	1400 * 1100 * 480



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5.electricity parameter	
Pixel density (dots/m ²)	2500
White Balance Brightness(cd/m ²)	≥5000
Color temperature(K)	5000—9500 (choice by user)
Brightness Adjusted	100 grade by software, or by Auto-optic induced.
View Angel	Horizontal 160°; Vertical 140°
Best viewing distance(m)	8—200
Communication distance(m)	Internet Wire: 120 Fiber Cable: 1000
Screen work Method	Scan: 1/1
LED driving method	Constant driving current
Gray Grades	16384 levels for each color
Display Color	4, 398, 046, 511, 104
Refresh Frequency (Hz)	9, 600
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)	-10~+50



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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	Switch power supply (include CE/GS or UL/CSA certificate) 110V/60HZ, 220V/50HZ
Power Consumption (w/m ²)	Max: 700, Average: ≥400