



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

PH12MM INDOOR FULL COLOR LED DISPLAY(SMD)

Product model number	PH12-T/IR-L960H960
1.Pixel	
Pixel Led	Smd 0805
Pixel composition	1R, 1G, 1B
Wave length (nm)	R: 626-628, G: 518-520, B: 466-468,
Pixels Pitch (mm)	12
2,Module	
Module Size (mm)	192 * 96 * 20
Module Pixels (dot)	16 * 8
3.Unit box	
Module quantities in a unit box (pcs)	5(L) * 10(H)
Unit box size (mm)	960(L) * 960(H) * 120
Unit box Pixels (dot)	80 * 80
Unit box material	Aluminum or Iron
4.Packaging	
Packing Way	Two unit boxes packed into one
Packing box material	Wooden case or Flight box
Packing box size (mm)	1080 X 1150 X 330

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5.electricity parameter	
Screen weight (kg/box)	Aluminum: 30 or Iron: 60
Pixel density (dots/M2)	6944
White Balance Brightness (cd/m2)	Max: 1400; Average : \geq 900
Color temperature(K)	5000—8000 (choice by user)
Brightness Adjusted	100 grade by software, or by Auto-optic induced.
View Angel	Horizontal 140°; Vertical 140°
Best viewing distance(m)	4—80
Communication distance (m)	Internet Wire: 120 Fiber Cable: 1000
Screen work Method	Scan: 1/8
LED driving method	Constant driving current
Gray Grades	256 levels for each color
Display Color	16,777,216
Refresh Frequency (Hz)	\geq 180
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
Software	Support windows series system

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Protection grades	IP64
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)
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/m2)	Max :350, Average :≥250

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