



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

PH16MM OUTDOOR FULL COLOR VIRTUAL PIXEL LED DISPLAY

Product model number	PH16-T/OV-L1024H768
<b>1. Pixel</b>	
Pixel LED	546
Pixel Configuration	1R, 1G, 1B
Wave length (nm)	R: 626-628, G: 518-520, B: 466-468
Pixels Pitch (mm)	16
<b>2. Module</b>	
Module Size (mm)	256 * 128 * 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)	1024(L) * 768(H) * 180
Unit box Pixels (dot)	64 * 48
Unit box material	Aluminum metal alloy or Iron
Weight (kg/box)	Aluminum : 42 or Iron : 52
<b>4. Packaging</b>	
Packing Way	Two unit boxes packed into one packing box
Packing box material	Wooden case or Flight box
Packing box size (mm)	1150(L) * 930(H) * 480



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5. Other electricity parameter	
Pixel density(dot/m <sup>2</sup> )	3906
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)	6—150
Communication distance (m)	Internet Wire: 120 Fiber Cable: 1000
Driving 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)	9, 600
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, Camera etc
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	switch power supply (include CE/GS or UL/CSA certificate) 110V/50HZ, 220V/60HZ
Power Consumption (w/m <sup>2</sup> )	Max: 1050, Average: ≥650