



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

PH10MM OUTDOOR FULL COLOR VIRTUAL PIXEL LED DISPLAY

Product model number	PH10SOVL4-T16x16
1.Pixel	
Pixel LED	346
Pixel configuration	1R, 1G, 1B
Wave length (nm)	R: 626-628, G: 518-520, B: 466-468
Pixels pitch (mm)	10
2.Module	
Module size (mm)	160 * 160 * 20
Module resolution(pixel)	16 * 16
3.Unit cabinet	
Module quantities in a cabinet	4(L) * 3 (H)
Unit cabinet size (mm)	640(L) * 480(H) * 150
Unit cabinet resolution(pixel)	64 * 48
Unit cabinet material	Aluminum metal alloy or Iron
Weight (kg/cabinet)	Aluminum : 16 or Iron : 25
4.Packaging	
Packing way	Four unit cabinets packed into one packing box
Packing box material	Wooden case or Flight box
Packing box size (mm)	1100 * 780 * 480



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5.Electricity parameter	
Physical pixel density (pixel/m ²)	10, 000
White balance brightness (nit)	≥5, 000
Color temperature(k)	5000—9500 (choice by user)
Brightness adjusted	100 grade by software, or by Auto-optic induced
View angle	Horizontal 110°, Vertical 70°
Best viewing distance(m)	>7
Communication distance (m)	Internet Wire: 120 Fiber Cable: 1000
Driving method	1/4
LED driving method	Constant driving current
Gray grades	16384 levels for each color
Display color	4, 398, 046, 511, 104
Refresh frequency	≥300Hz
Picture display method	Pixels to pixels 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)	-20 ~ +60
Humidity(RH)	10 – 95%
Stored temperature (°C)	-30 ~ +70
Screen lifetime(hours)	≥100, 000
Out of controlled dots	≤3/100, 000 (Out of controlled dots means the dots 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, modules displaced
Switch power supply	Single Phase AC: 110V/60Hz or 220V/50Hz
Power consumption (w/m ²)	Max: 1350, Average: ≥600