

The name of the parameter		outdoor p4-3840hz-320*160-10s Pro
module parameters	Pixel structure	Surface-mounted 3-in-1 LED
	LED specification	SMD1921
	Pixel Pitch (mm)	4mm
	Module size (mm)	320 (W) ×160 (H) ×15 (T)
	Module Resolution (W×H)	80×40Dots
	Pixel density (Dots/m ²)	40000Dots/m ²
	drive mode	1/10S constant current driver
	data interfaces	HUB75
	Input Voltage (DC)	5V
	Maximum current	7.5±0.1A
	Maximum power	≤38W
	Weight (kg)	0.8±0.01kg
	kit materials	Polycarbonate PC material
box parameters	Box size (mm)	640 (W) x 640 (H) x 70 (D) (customizable size)
	Box module composition	2×4
	Box resolution (W×H)	160×160Dots
	Case material	die-cast aluminum/magnesium alloy/standard case
	Weight (kg/pc)	8±0.05k/unit
	Box flatness (mm)	≤0.2mm
Optical parameters	Single-point brightness cd	have
	single-point color correct	have
	White balance brightness	≤ 5500 CD/m ² (adjustable)
	Color temperature (K)	3000-9300K adjustable
	Gray scale levels	16-65536 levels adjustable
	Horizontal Viewing Angle	140°±10°
	Vertical Viewing Angle (°)	120°±10°
	center distance deviation	<3%
	brightness uniformity	≥97%
	chromatic homogeneity	± within 0.003Cx,Cy
	Maximum contrast	5000:1
the parameters of the screen	Peak power consumption	740W
	Average power consumpt	370W
	power supply requiremen	AC110~240V (50~60Hz)
	Frame change frequency	50&60
	Refresh rate (Hz)	3840Hz~7680Hz (according to the driver chip debugging)
	control mode	synchronous control/asynchronous control
	optimal sight distance	≥4m
Operating characteristics	Service life (hrs)	100,000 hours
	Mean Time Between Failu	≥ 10,000 hours
	Decay rate (three years o	≤15%
	Continuous runaway poin	0
	Discrete runaway points	<0.0001, factory 0
	blind spot rate	<0.0003, factory 0
	maintenance methods	pre/post maintenance
	Operating temperature ra	-20 ~ 60°C
	Storage temperature rang	-40 ~ 60°C
	Operating humidity range	10% ~ 90% RH without frost
	Storage Humidity Range (	10% ~ 85% RH without frost
	Protective properties	over-temperature/overload/power-down/image compensation/various correction techniques/over-current/over-voltage/lightning protection

*Parameters vary slightly depending on configuration