

P10 Outdoor DIP346 160x160mm LED Module

Specification

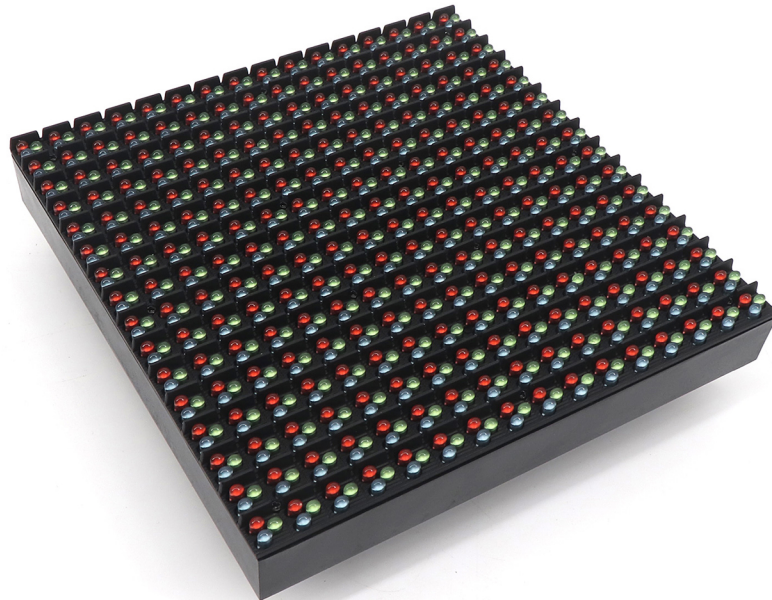
Model No.: **P10-O4L-DIP346-16x16**

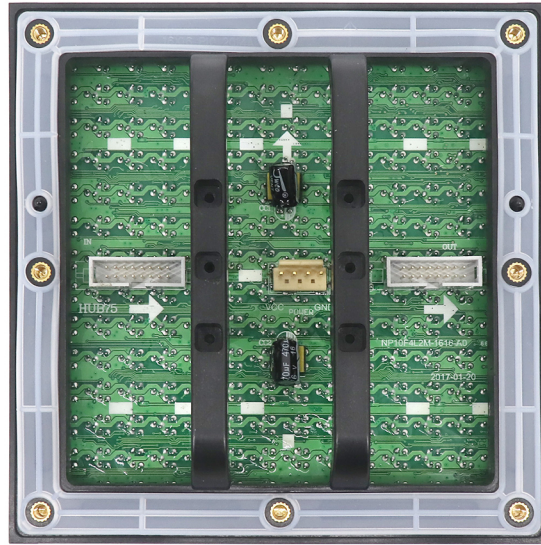
LED Lamp Specification



Color	Package	Intensity	Viewing Angle	Wavelength	Testing Conditions
Red	DIP346	880-1220mcd	110°(H); 50°(V)	620-625nm	25°C,20mA
Green		1900-2300mcd		522-525nm	25°C,20mA
Blue		450-650mcd		468-470nm	25°C,20mA

Module Photo





Module Parameter

Pixel Pitch	10mm
Pixel Configuration	DIP346
Density	10,000 pixels/m ²
Module Resolution	16pixel(L) * 16pixel(H)
Module Dimension	160mm(L) * 160mm(H) * 30mm(D)
Driving Mode	Constant current, 1/4 duty
Module Mask	Pure black mask---high contrast screen

Electricity Parameter

Optical Ratings

Brightness	≥8000 cd/m ²
Viewing Angle	110°(Horizontal); 50°(Vertical)
Best Viewing Distance	≥10m
Gray Grade	14 bit
Display Color	4.4 trillion colors
Brightness Adjustment	100 grades by software or automatically by sensor
Max. Power Consumption	14 W

Control System

Frame Frequency	≥60Hz
Refresh Frequency	≥1,920Hz
Input Signal	Composite Video, S-video, DVI, HDMI, SDI, HD-SDI
Control Distance	100m(Ethernet cable); 20KM(optical fiber cable)
Support VGA Mode	800*600, 1024*768, 1280*1024, 1600*1200

Color Temperature	5000—9300 adjustable
Brightness Correction	Pixel by pixel, module by module, cabinet by cabinet
Reliability	
Working Temperature	-20~+60 °C
Storage Temperature	-30~+70 °C
Working Humidity	10%~90% RH
Lifetime	100,000 hours
MTBF	5000 hours
Continuous Operating Time	≥72 hours
Protection Grade	IP65
Out-of-Control Pixel Rate	≤0.01%

Package



