

Small Pixel Series

1000mm*1000mm

P3.91-7.82 full color transparent

Product Specifications

Product name: P3.91-7.82 full color
transparent screen

Specifications: YXWLED- P3.91-7.82

Version number: V1.0

Shenzhen Weishixin Technology Co., Ltd.

One:P3.91-7.82 full color transparent screen technical specifications

Product number		P3.91-7.82 full color transparent screen					
type	Serial number	project name	Technical parameters and indicators				
LED Tube	1	Lamp characteristics	P3.91BQ				
	2	Pixel composition	1R1G1B		Pixel Packaging	SMD 2121	
	3	Base Color	Test Conditions	Voltage	Wavelength range	Brightness range	Remark
	4	Red light (reference)	15Ma	2.0-2.6V	618-623nm	340-450 mcd	The wavelength and brightness of the tube core are typical values.
	5	Green light (reference)	8 mA	2.8-3.4V	520-525nm	6 50-850 mcd	
	6	Blue light (reference)	5 mA	2.8-3.4V	468-473nm	1 00 - 180 mcd	
LED Modules	1	Module size	500x125x10mm				
	2	Resolution	128X16=2048				
	3	Pixel pitch	3.91mm				

	4	Physical density	32768 pixel points/ m ²
	5	Module current	3A ±0.1A
	6	Input voltage	4.8V-5.2V
	7	Module power consumption	15 W
	8	Module weight	310g
Cabinet parameters	1	Cabinet picture	

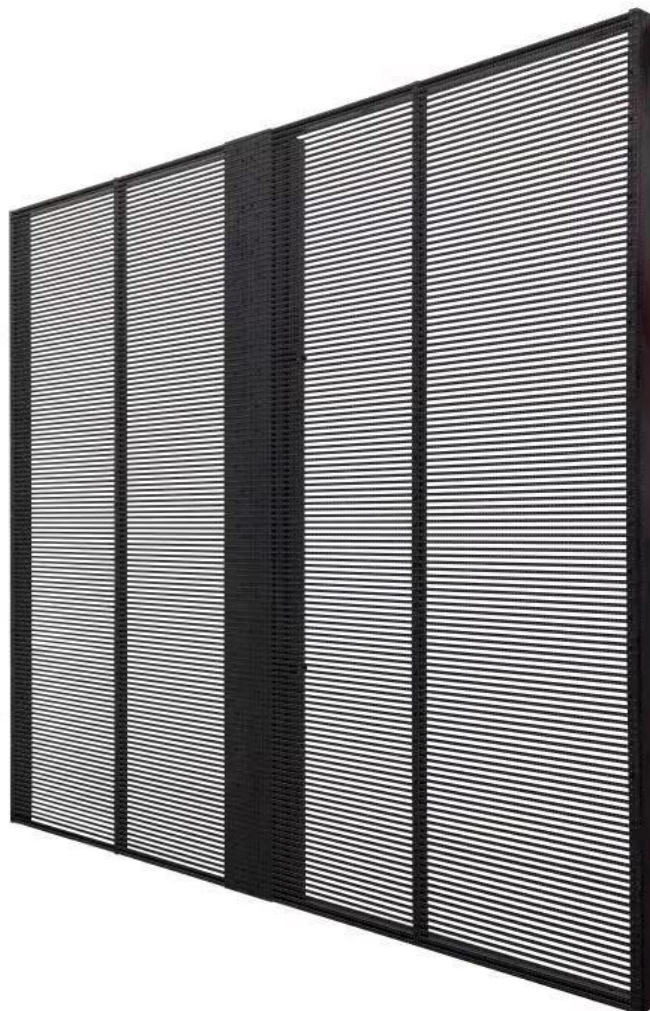
			
	2	Cabinet resolution (width x height)	256 pixels × 128 pixels
	3	Module distribution (width x height)	2 × 8
	4	Cabinet size (width x height x thickness)	1000mmX 1000mm× 80mm
	5	Cabinet weight	7.5Kg/m ²
	6	Installation	Back frame installation/hoisting/inner arc installation
Screen technical parameters	1	Point Density	32768 pixel points/m ²
	2	brightness	800 cd/m ²
	3	Horizontal viewing angle / vertical viewing angle	140 °/140 °
	4	Transmittance	≥ 65 %
	5	Chromaticity uniformity	Within ±0.003 Cx, Cy
	6	Highest contrast	3000:1
	7	Protection level	IP30
	8	Maintenance method	Front and rear maintenance
System control parameters	1	Signal color processing bits	Red, green, blue ≥ 16 bits each
	2	Drive mode	Constant current drive

	3	Frame rate	50/60Hz
	4	Refresh rate	Normal refresh rate $\leq 1920\text{Hz}$ High refresh rate $\leq 3840\text{Hz}$
	5	Screen color temperature	3200K ~ 9500K adjustable
	6	Dimming	Manual/Automatic/Programmable
	7	Pixel Correction	Equipped with brightness and color point by point correction
	8	control method	Synchronous control
	9	Control distance	Category 5e twisted pair network cable, optical fiber transmission over 100 meters
	10	Software Interface	Windows /7/8/10
	11	signal input	HDMI, DVI
Screen operating parameters	1	Operating Voltage	AC: 240V, 50~60Hz
	2	Peak power consumption	300 W/ m ²
	3	Average power consumption	180W/m ²
	4	power supply	300 W power supply (Nandian/Chuanglian/Juneng and other brands)
	5	Continuous working time	$\geq 7 \times 24\text{hrs}$, support continuous and uninterrupted display
	6	Mean time between failures	≥ 10000 hours
	7	LED lamp management theory life	100,000 hours
	8	Discrete out-of-control points	≤ 0.0001 , factory default is 0
	9	Continuous out-of-control points	0
	10	Blind spot rate	≤ 0.0001 , factory default is 0

	11	Operating ambient temperature	-10°C ~ 60°C
	12	Operating environment humidity	10% ~ 80%RH, no condensation

Note: Parameters may vary according to the specific conditions of the project (products shall be subject to the submitted contract specifications)

Two:P3.91-7.82 full color transparent screen appearance



Front oblique view of the cabinet

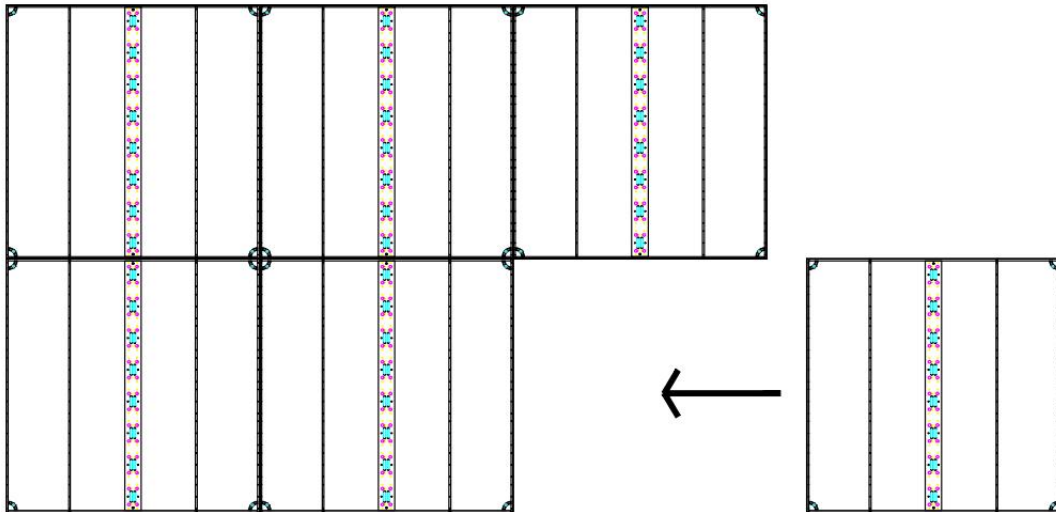


Cabinet appearance back view



Cabinet cross section

Three:Full color transparent screen installation diagram



Four:Product packaging standards

1. Flight Case packaging



2. Wooden Box packaging



Five:Precautions

In order to enable customers and users to better use YXWLED' s products, a clear and easy-to-understand document is provided for reference. Generally speaking, the use of LED can be the same as other electronic products. However, when using yxwled's LED products, please follow the following precautions to protect the product.

1. Cleaning : If the module surface needs to be cleaned due to the on-site environment, please use a soft brush to gently brush it. Do not use any liquid substance to clean the surface of the LED module, otherwise it may damage the SMD-LED .

2. Moisture -proof and storage requirements:

SMD-LED products must be stored in an environment with a temperature <30 °C and a humidity <60% . If the screen has not been used for more than 3 days, the screen must be preheated each time it is lit. Preheat the screen at 30%-50% brightness for 4 to 8 hours, then adjust it to normal brightness (80%-100%) to light the screen, so as to remove moisture and ensure that there is no abnormality during use;

the screen has not been used for more than 7 days, the preheating method must be used each time the screen is turned on: preheat the screen at 30%-50% brightness for more than 2-12 hours, then adjust the screen to normal brightness (80%-100%) to remove moisture so that there are no abnormalities during use .