

## PH5mm SMD 3in1 Outdoor Full Color LED Display Screen

<b>Model</b>		<b>LINSN-P5-OF-960X960</b>				
<b>1.LED</b>						
Diagram	Model	Color	Intensity	View Angle	Wavelength	Test Cond.
	SMD 2727		520mcd	140/140	620nm	25°C,20mA
			750mcd	140/140	525nm	25°C,15mA
			290mcd	140/140	470nm	25°C,10mA

The Outdoor LEDs we choose have the high reliability and contrast, wide view angle and good consistency which meet the need of high brightness, high refresh rate, high gray scale and keep natural color at one time with best color uniformity.

1. High brightness  
White len, high luminous intensity
2. High contrast  
Black coating, matte encapsulation with non-mirror reflection
3. High reliability  
Dust-proof, Water-proof, UV-proof
4. Long lifespan  
Good thermal dissipation, low luminous degradation and power consumption

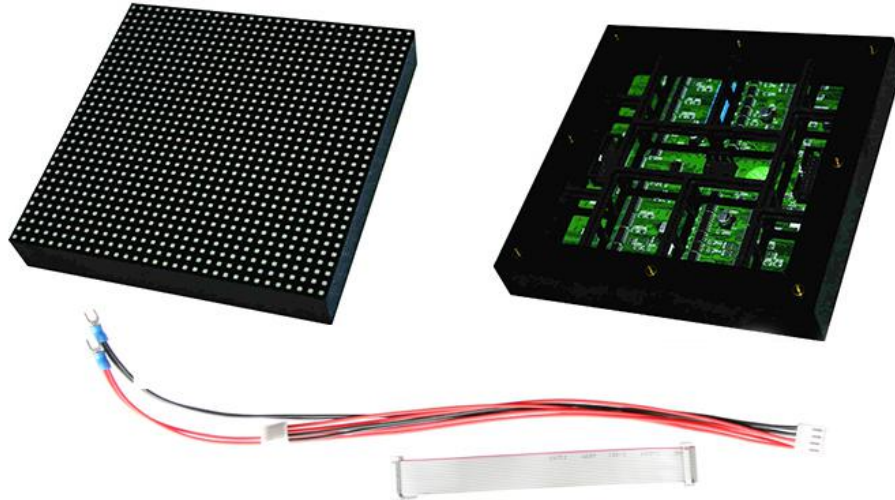
Other

Unit LED

Other

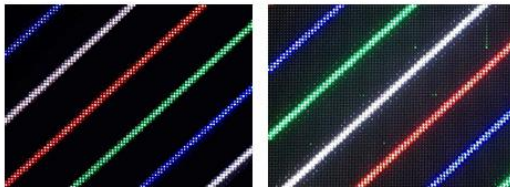
Unit LED

## 2.LED Module



To achieve the best visual performance of our indoor and outdoor led display,we use the best Driving IC,such as MBI5124,SUM16136 with high refresh rate,high grey level with latest technology.

De-Ghosting(Lower Ghosting)



Unit LED

Common

Color Uniformity



Unit LED

Common

Grey Level



Unit LED

Common

Refresh Rate

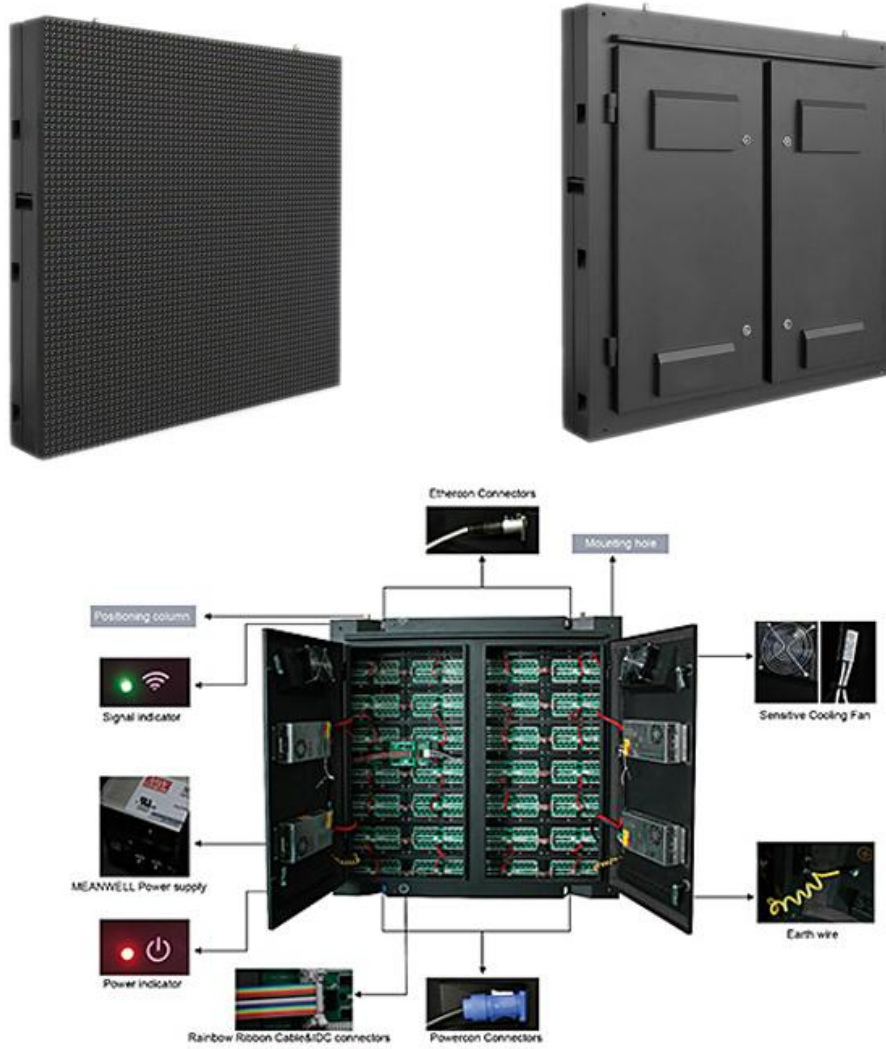


Unit LED

Common

Resolution	32(H)×32(V)
Pitch	5mm
Density	40000 pixels/m <sup>2</sup>
LED Arrangement	SMD2727
Driver Mode	Dynamic 1/8 Duty constant current
Size	160mm×160mm
Mask	Pure Black mask-high contrast screen

### 3.LED Cabinet

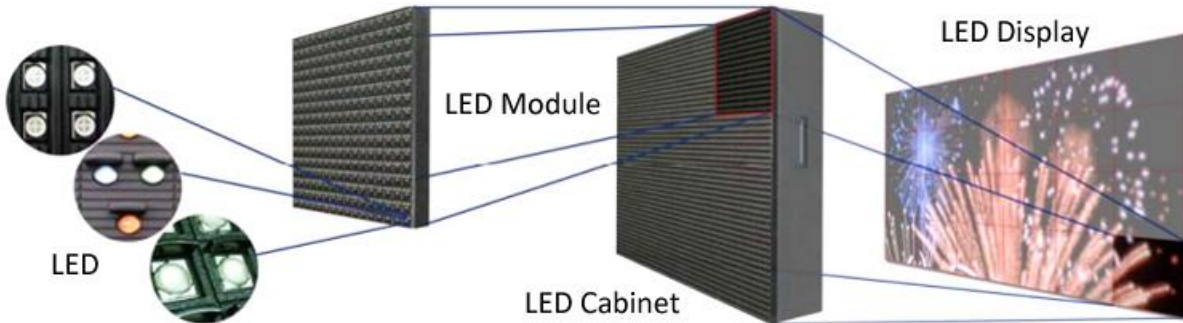


The Cabinet Pictures Only For Reference,Cabinet can be Customized

<b>Resolution</b>	<b>192(H)×192(V)</b>
<b>Size</b>	<b>960mm× 960mm</b>
LED Modules	6x6=36 pcs
Weight	About 50 kg

<b>4.Electricity Parameter</b>	
<b>Optical Ratings</b>	
Brightness	≥6500cd/m <sup>2</sup>
View Angle	140 degree ( horizontal) 140degree(vertical)
View Distance	5m-50m
Gray Scale	14bits input, correction with 16bits
Display Color	16.7M
Brightness Adjustment	0-100 levels
<b>Power Supply</b>	
Operation Power	AC100-240V 50-60HZ Switch-able
Maxim Power Consumption	980 W/m <sup>2</sup>
Average Power Consumption	450 W/m <sup>2</sup>
<b>Control System</b>	
Correction Scale Level	16bits
Frame Update Frequency	60-75Hz
Screen Refresh Frequency	960-2000Hz
Gamma Correction	-5.0—5.0
Support Input	Composite Video, S-Video, DVI, HDMI., SDI, HD_SDI
Control Distance	Ethernet cable 100m, optical fiber 5km
Support VGA Mode	800×600,1024×768,1280×1024,1600×1200
Color Temperature	5000-9300 adjustable
Brightness Correction	dot by dot, module by module, cabinet by cabinet
<b>Reliability</b>	
Operating Temp.	-20-60 Celsius degree
Operating Humidity	10-95% RH
Operating Life	100,000 hours
MTBF	5000 hours
Continuous Working Time	≥48 hours
Protection Level	IP65
Out of Control Pixel Rate	0.01%

◆ Solution for your 4mx3m LED Screen size



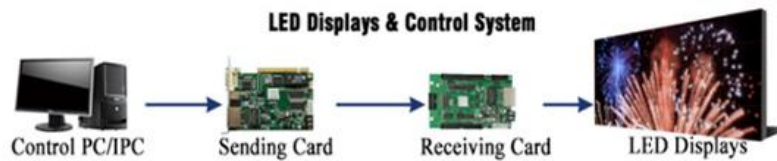
<b>Total Cabinets Quantities on the Screen(pc)</b>	<b>4x3=12 pcs</b>
<b>Total Pixels on the Screen(dot)</b>	<b>768(L) * 576 (H)</b>
<b>Final LED Screen Size(m2)</b>	<b>3.84m x 2.88m</b>
<b>For your 4mx3m LED Screen size</b>	

**LED Displays System**

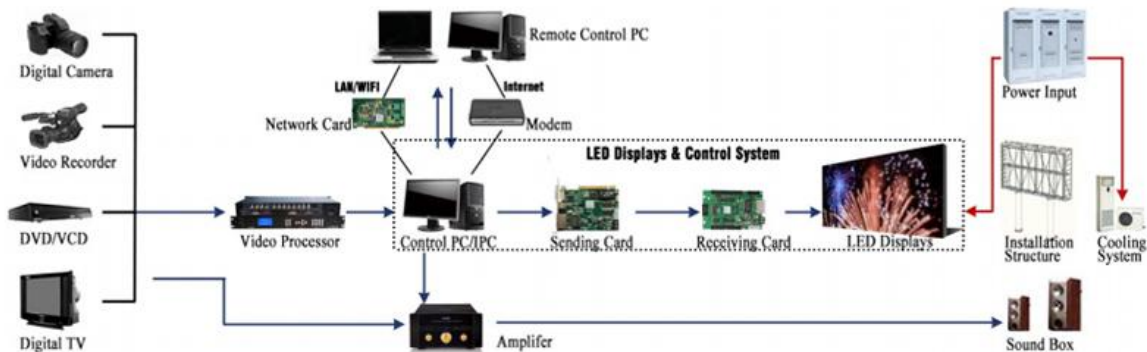
1. LED Display Body
2. Control system
3. Power Input
4. Installation Structure

For additional functions, there are relative equipments, as follows:

1. Amplifier/sound
2. Exterior Video Signal Source
3. Cooling System



**LED Displays System Diagram**



**5.Packaging**



<b>Packing Way</b>	<b>Three unit boxes packed into one</b>
<b>Packing box size (mm)</b>	<b>1050 * 1150 * 600</b>
<b>Packing box size (CBM)</b>	<b>≈0.75 CBM/box</b>
<b>Packing gross weight(kg)</b>	<b>≈160 kg/box</b>

**Quotation & Terms:**

NO	Item	Descriptions	Qty	Unit Price (USD)	Amount ( USD)	
1	LED Display	LED Cabinet	Size: 960mm(W) x960mm(H) Material: Steel Cabinet		---	
		LED Display	3.84m x2.88m			
2	Control System	Data Sending Card	LINSN-TS802D	1	pc	
		Data Receiving Card	LINSN-RV908M	12	pc	
		Multi Function Card	LINSN-EX902D with Sensor	1	Pc	Options
		Video Processor	LVP605S with HDMI,SDI Input	1	Set	Options
		Software	LEDStudio	1	set	
3	Packing	Polywood Case(Non-Timber)	Four Units Packed into one	3	Pc	
<b>Total Price</b>		<b>USD EXW SHENZHEN</b>				

**REMARKS:**

- Above price is based on **EXW Shenzhen** term, Epistar LED, CE/UL Meanwell Power Supply, 2% Spare Parts. Wooden Box P
- **Cabinet material:** Cold rolled steel Cabinet.
- **Payment terms:** T/T 30% as deposit before production, T/T 70% balance before delivery.
- **Production lead time :** 10-12 days after receiving 30% deposit.
- **Warranty is for 2 years**  
 In the warranty time, we will maintain and replace the module for free, Customer should pay for the shipment fee. After that, we only charge the material cost, customer should be responsible for shipment.
- **Technical Service:**  
 We also provide the operation manual, software, and so on. Any associated CAD drawing on how to fix up the display and some other expert suggestion will be provided upon request.
- **Free training:**  
 Regarding Training course, usually we provide customer at most one week for training which includes the software operation, basic repairing, installation, adjustment, etc.
- **Technical Support:**  
 We can send our engineer to guide the installation for you. But the relevant cost should be paid by your esteemed company as visa, hotel, food, plane ticket for back and forth, and also your esteemed company should pay our staff USD100/day/s (from our engineer's departure from Shenzhen) and should help to arrange our staff visa

**Spare Parts List :**

Item			Quantity	Remarks
<b>1</b>	1	Sending card	0	Control system backup
	2	Receiving Card & Hub Card	1	
<b>2</b>	3	LEDs	40	Key components of the LED Display body backup
	4	LED Module-3% Spare Parts	2	
	5	Driving IC	10	
	6	Module Mask	2	
	7	Screws of Module Mask	20	
	8	Screws for LED Module	20	
	9	LED Power Supply(PSU)	2	
	10	Cooling Fan(pcs)	2	
	11	Main Power Cable(5m Long Each)	1	
	12	Main Signal Ether RJ45Cable(20m Long)	1	
	11	PowerCon of LED Cabinet(pcs)	2	
	12	Power Cable of Module(pcs)	12	
	13	EtherCon of LED Cabinet(pcs)	2	
	14	Flat Data Cable(16-pin) of Module(pcs)	12	
<b>3</b>	16	User manual of the LED display(English version)(set)	1	User manual for the LED display's convenient using, installation , maintenance
	17	User manual of the control system(English version)(set)	1	
	18	User manual of the installation(English version)(set)	1	