LINSN LED Display Solution

PH4mm SMD 3in1 Outdoor Full Color LED Display Screen

Model	LINSN-P4-OF-768X768

1.LED

| Diagram	Model	Color	Intensity	View Angle	Wavelength	Test Cond.
	SMD 1921	(red)	450mcd	140/140	622nm	25℃,15mA
		(green)	750mcd	140/140	522nm	25℃,8mA
		(blue)	120mcd	140/140	472nm	25℃,5mA

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
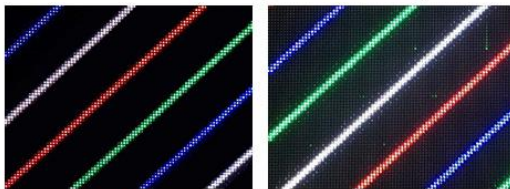Good thermal dissipation, low luminous degradation and power consumption

2.LED Module
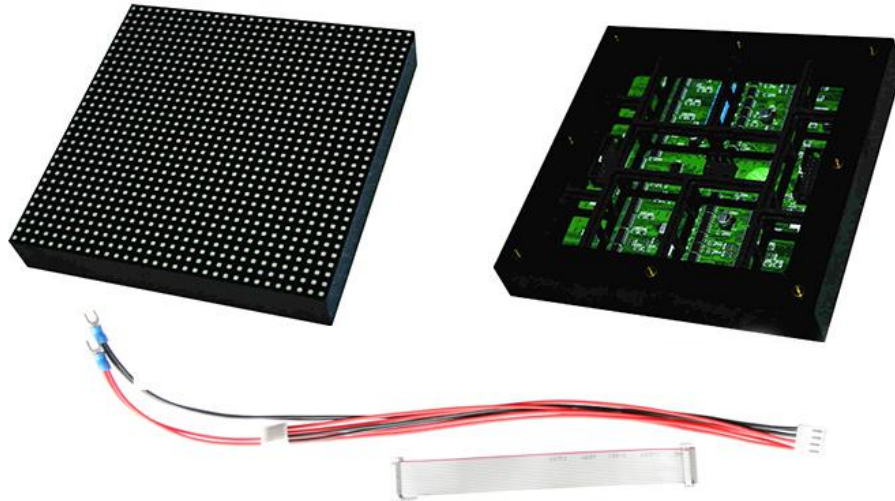
To achieve the best visual performance of our indoor and outdoor led display,we use the best Driving IC,such as MBI5124,SUM16136 with high refresh rate,high grey level with latest technology.
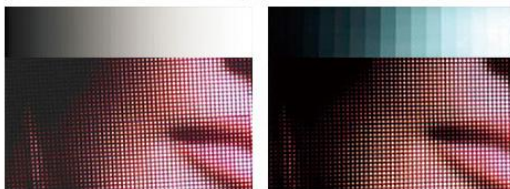
| Resolution	32(H)×32(V)
Pitch	4mm
Density	62500 pixels/㎡
LED Arrangement	SMD1921
Driver Mode	Dynamic 1/8 Duty constant current
Size	128mm×128mm
Mask	Pure Black mask-high contrast screen

3.LED Cabinet
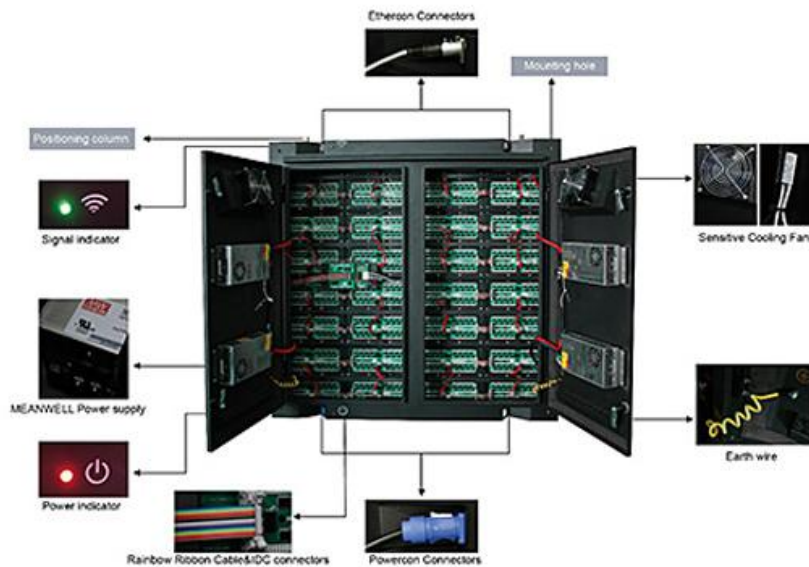
The Cabinet Pictures Only For Referrence,Cabinet can be Customized

Resolution	192(H)×192(V)
Size	768mm× 768mm
LED Modules	6x6=36 pcs
Weight	About 32 kg

4.Electricity Parameter

Optical Ratings	
Brightness	≥6500cd/㎡
View Angle	140 degree (horizontal) 140degree(vertical)
View Distance	4m-40m
Gray Scale	14bits input, correction with 16bits
Display Color	16.7M
Brightness Adjustment	0-100 levels
Power Supply	
Operation Power	AC100-240V 50-60HZ Switch-able
Maxim Power Consumption	1100 W/m2
Average Power Consumption	650 W/m2
Control System	
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
Reliability	
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
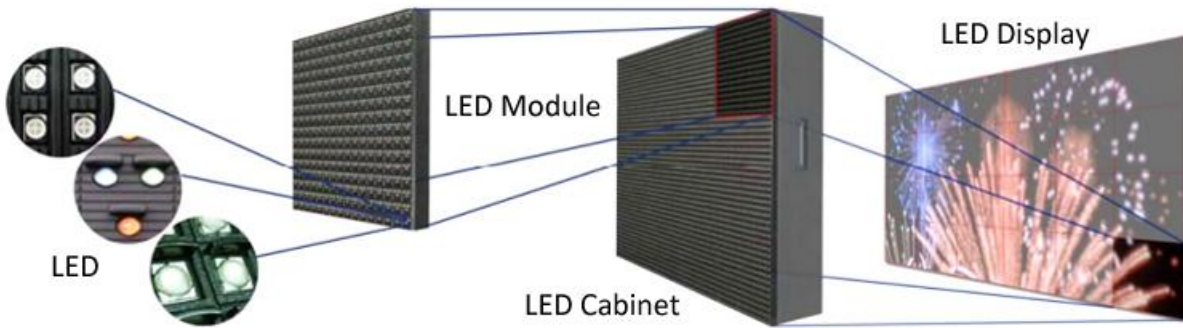
Total Cabinets Quantities on the Screen(pc)	**4x3=12 pcs**
Total Pixels on the Screen(dot)	**768(L) * 576 (H)**

Final LED Screen Size(m2)	3.84m x 2.88m For your 4mx3m LED Screen size
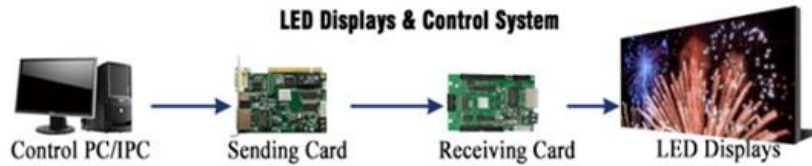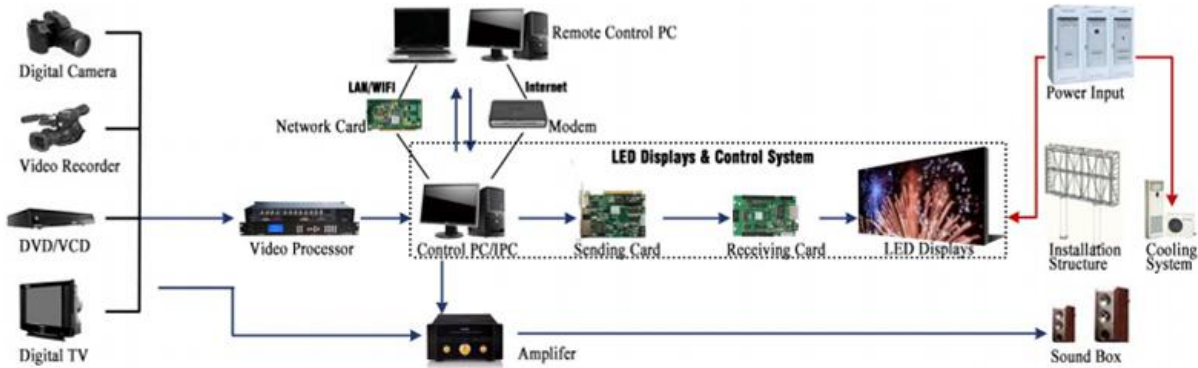
5.Packaging

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