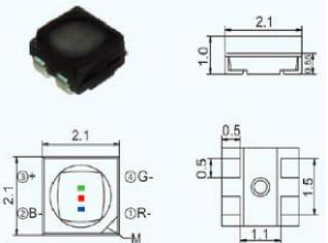


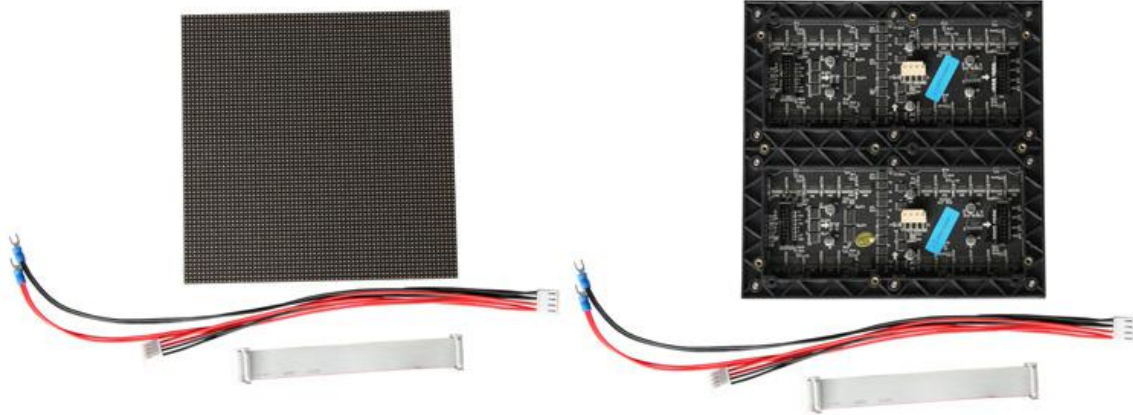
PH3mm SMD 3in1 Indoor Full Color LED Display Screen

| Model | | LINSN-P3-IF-768X768 | | | | |
|-----------------------------------------------------------------------------------|--------------|----------------------------|------------------|-------------------|-------------------|-------------------|
| 1.LED | | | | | | |
| Diagram | Model | Color | Intensity | View Angle | Wavelength | Test Cond. |
|  | SMD 2121 | | 150mcd | 140/140 | 625nm | 25°C,20mA |
| | | | 400mcd | 140/140 | 520nm | 25°C,20mA |
| | | | 100mcd | 140/140 | 467nm | 25°C,20mA |

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

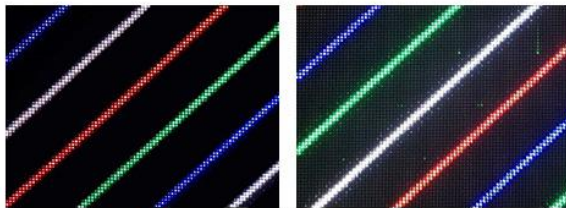
| | |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
|  | <p>1. High contrast Matte encapsulation with non-mirror reflection</p> |
|  | <p>2. Good cost-performance Qualified material, copper substrate, and gold wire</p> |
| | <p>3. Good consistency Strict binning, no color difference and pitting</p> |
| | <p>4. High reliability Moistureproof design and low failure rate</p> |
| | <p>5. Long lifespan Good thermal dissipation, low luminous degradation and power consumption</p> |

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,MY9868 with high refresh rate,high grey level with latest technology.

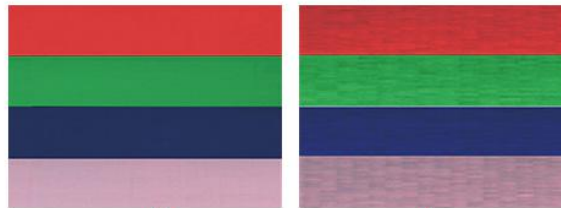
De-Ghosting(Lower Ghosting)



↑
Unit LED

↑
Common

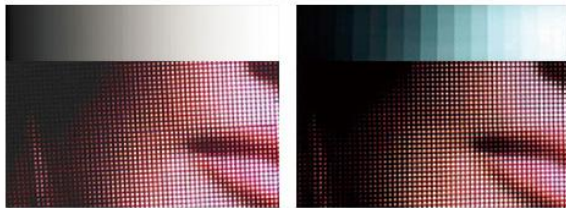
Color Uniformity



↑
Unit LED

↑
Common

Grey Level



↑
Unit LED

↑
Common

Refresh Rate



↑
Unit LED

↑
Common

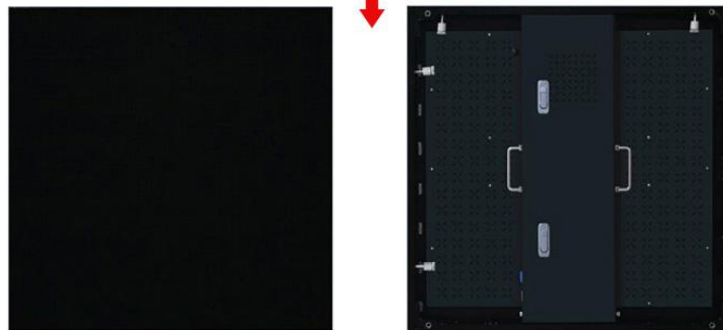
| | |
|-----------------|--------------------------------------|
| Resolution | 64(H)×64(V) |
| Pitch | 3mm |
| Density | 111111 pixels/m ² |
| LED Arrangement | SMD2121 |
| Driver Mode | Dynamic 1/16 Duty constant current |
| Size | 192mm×192mm |
| Mask | Pure Black mask-high contrast screen |

3.LED Cabinet

Indoor LED Cabinet Type -1



Indoor LED Cabinet Type -2



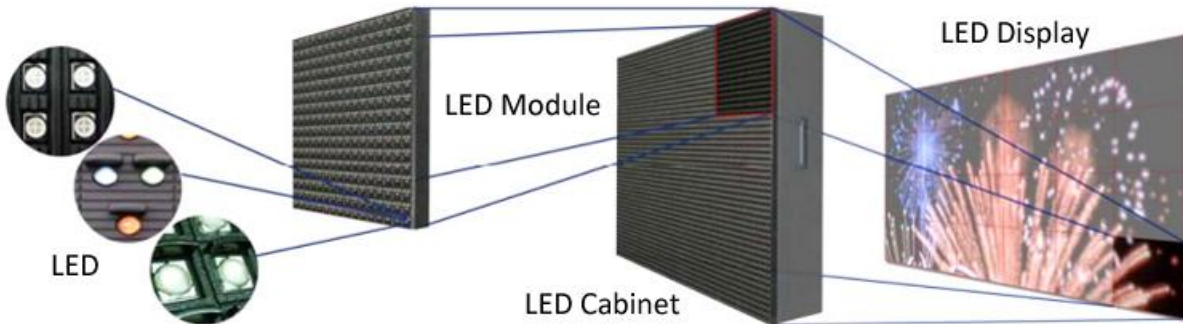
LED Cabinet Connection



| | |
|--------------------|----------------------|
| Resolution | 256(H)×256(V) |
| Size | 768mm× 768mm |
| LED Modules | 4x4=16 pcs |
| Weight | About 25 kg |

| 4.Electricity Parameter | |
|--------------------------------|---------------------------------------------------|
| Optical Ratings | |
| Brightness | ≥1200cd/m ² |
| View Angle | 140 degree (horizontal) 140degree(vertical) |
| View Distance | 3m-30m |
| 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 | 680 W/m ² |
| Average Power Consumption | 270 W/m ² |
| 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 | IP54 |
| Out of Control Pixel Rate | 0.01% |

◆ **Solution**

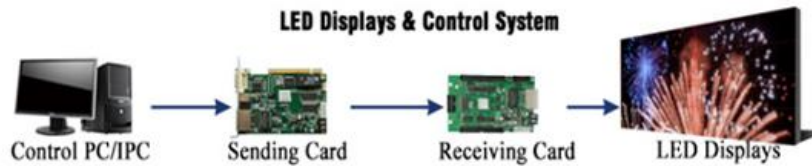


LED Displays System

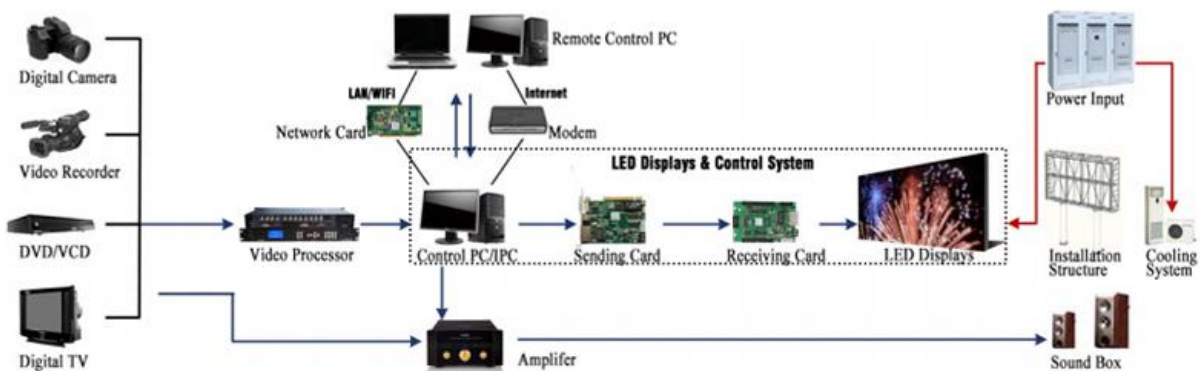
1. LED Display Body
2. Control system
3. Power Input
4. Installation Structure

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



| | |
|---------------------------------|----------------------------------------|
| Packing Way | Four unit boxes packed into one |
| Packing box size (mm) | 850 * 850 * 600 |
| Packing box size (CBM) | ≈0.45 CBM/box |
| Packing gross weight(kg) | ≈110 kg/box |

Spare Parts List :

| Item | | | Quantity | Remarks |
|------|----------------------------------------|---------------------------------------------------------|----------|--------------------------------------------------------------------------------|
| 1 | 1 | Sending card | 0 | Control system backup |
| | 2 | Receiving Card & Hub Card | 1 | |
| 2 | 3 | LEDs | 40 | Key components of the LED Display body backup |
| | 4 | LED Module | 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 | | |
| 3 | 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 | |