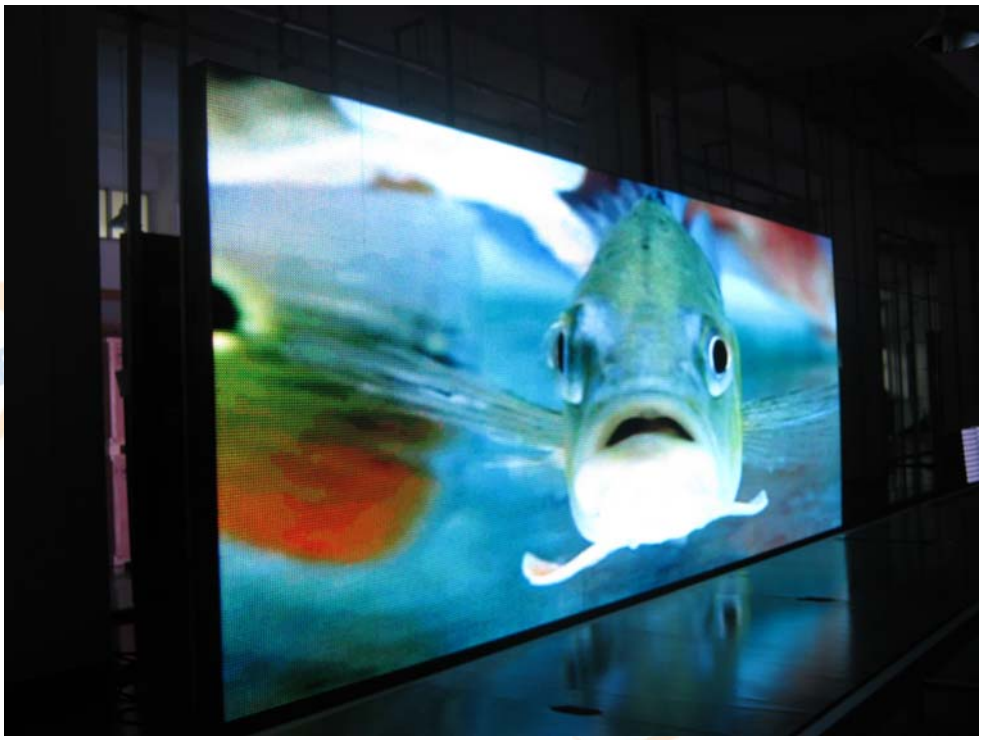
Shenzhen ERALED Optoelectronics Co., Ltd.

Prepared by Shenzhen ERALED Optoelectronics Co., Ltd.

Aging photos of P20 & 6mm full color LED video display



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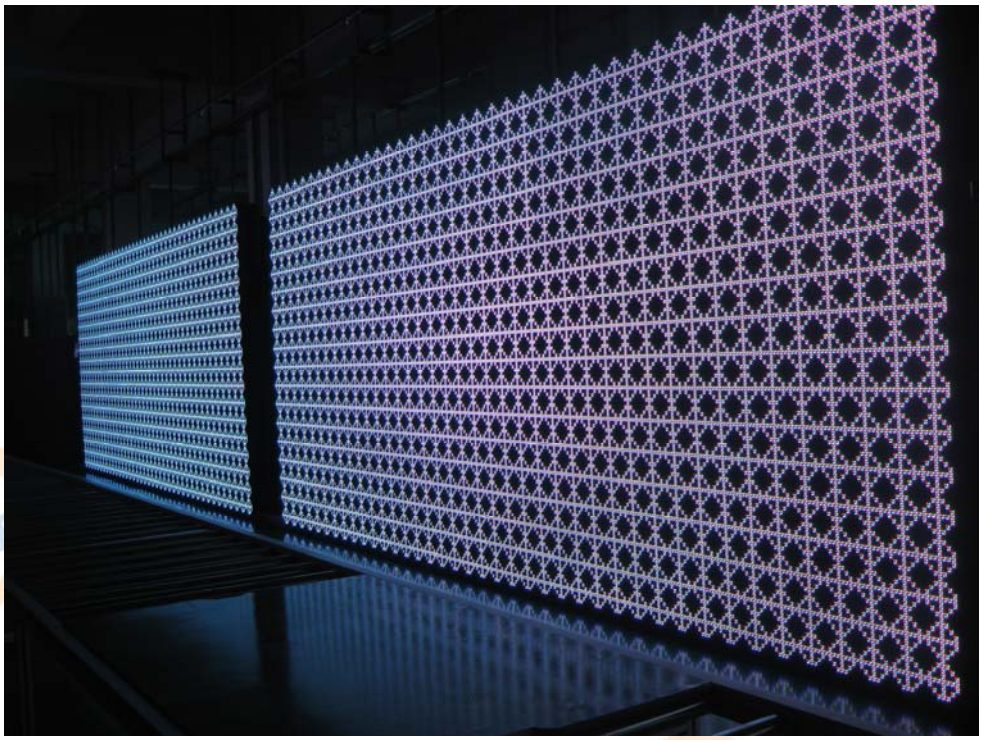
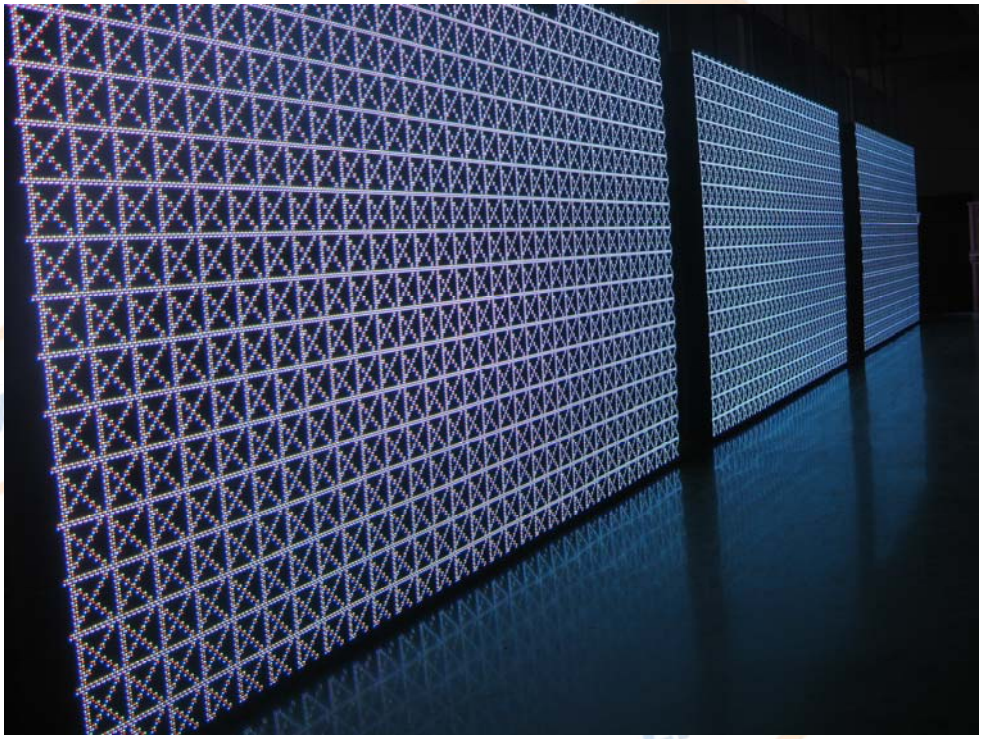
Email: manager@eraled.biz MSN: ERALEDdisplay@hotmail.com,Skype: ERALEDdisplay





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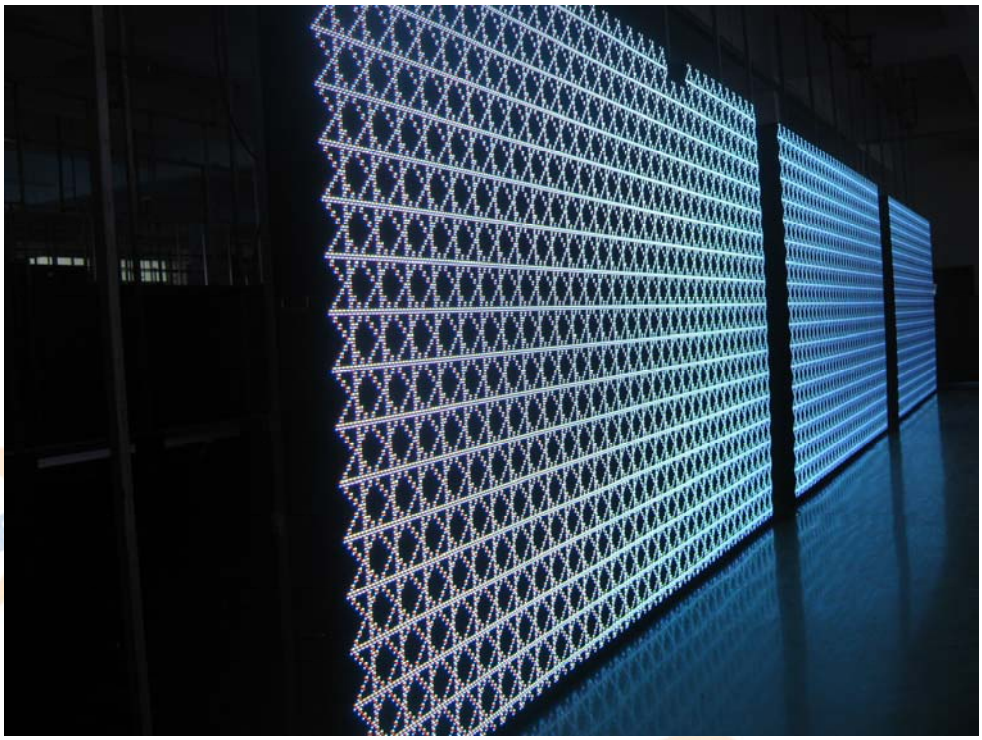

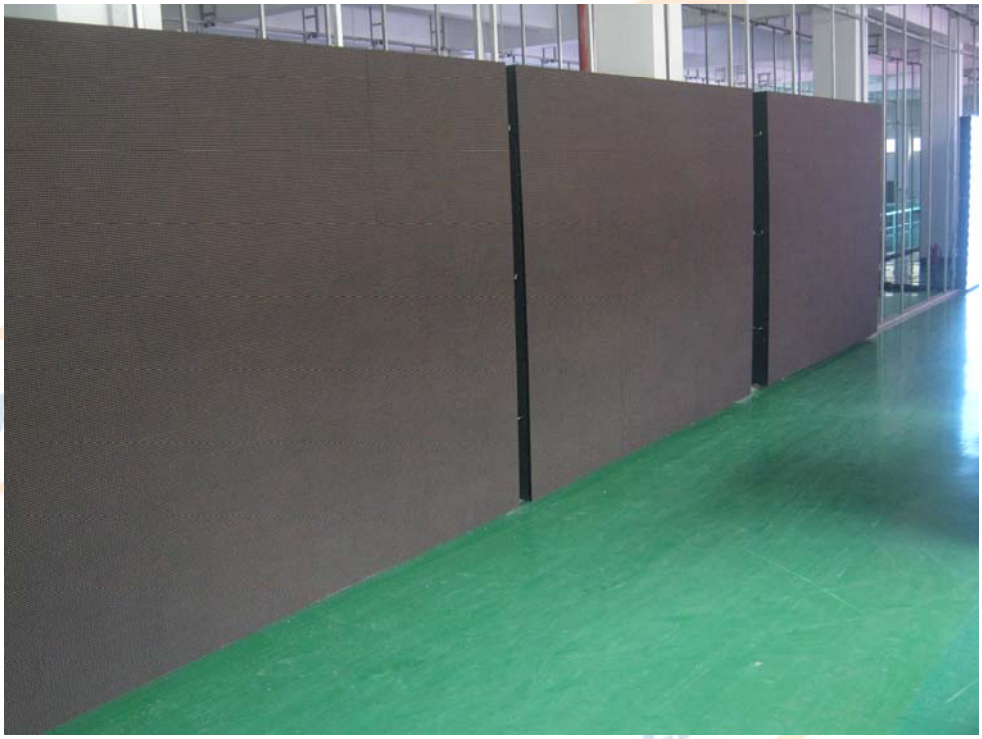

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P6mm indoor SMD 3in1 full color led display

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Part 2: Catalogue

1. Outdoor Full Color DIP 3RGB Series

Pixel Pitch:	P10	P12	P14	P16	P18	P20
Module Pixel(dot):	32*16	16*8	16*8	16*8	16*8	16*8
Module Size(mm):	320*160	192 * 96	224 * 112	256*128	288*144	320*160
Driving Mode:	1/4	1/4	1/4	1/1	1/1	1/1
Pixel Density(dot/m2):	10000	6944	5102	3906	3086	2500

2. Outdoor Full Color DIP 4RGB Series

Pixel Pitch:	P10	P12	P14	P16	P18	P20	P22	P25	P30	P31.25
Pixel Composition:	2R1G 1B	2R1G 1B	2R1G 1B	2R1G1B	2R1G 1B	2R1G 1B	2R1G 1B	2R1G 1B	2R1G 1B	2R1G 1B
Module Pixel(dot):	32*16	16*8	16*8	16*8	16*8	16*8	16*8	8*8	8*8	8*8
Module Size(mm):	320 * 160	192 * 96	224 * 112	256 * 128	288 * 144	320 * 160	352 * 176	200 * 200	240 * 240	250 * 250
Driving Mode:	1/1	1/4	1/4	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Pixel Density (dot/m2):	10000	6944	5102	3906	3086	2500	2066	1600	1111	1024

3. Outdoor SMD5050 3 In 1 Full Color

Pixel Pitch:	P10	P10	P15	P16
Module Pixel(dot):	32*16	16*8	16*8	16*8
Module Size(mm):	320*160	192 * 96	224 * 112	256*128
Driving Mode:	1/2	1/1	1/1	1/1
Pixel Density(dot/m2):	10000	10000	4444	3906

SMD 3in1 display is the best solution for outdoor advertisement. High brightness, best color mixture and high definition will definetly attract more attention.

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4.Indoor SMD3528 3 In 1 Full Color

Pixel Pitch:	P5	P6	P7.62	P8	P10	P12
Module Pixel(dot):	32 * 16	32*16	32*16	32*16	32*16	32*16
Module Size(mm):	160 * 80	192*96	244*122	256*128	320*160	192*96
Driving Mode:	1/8	1/8	1/4	1/4	1/4	1/4
Pixel Density(dot/m2):	40000	27778	17222	15625	10000	6944

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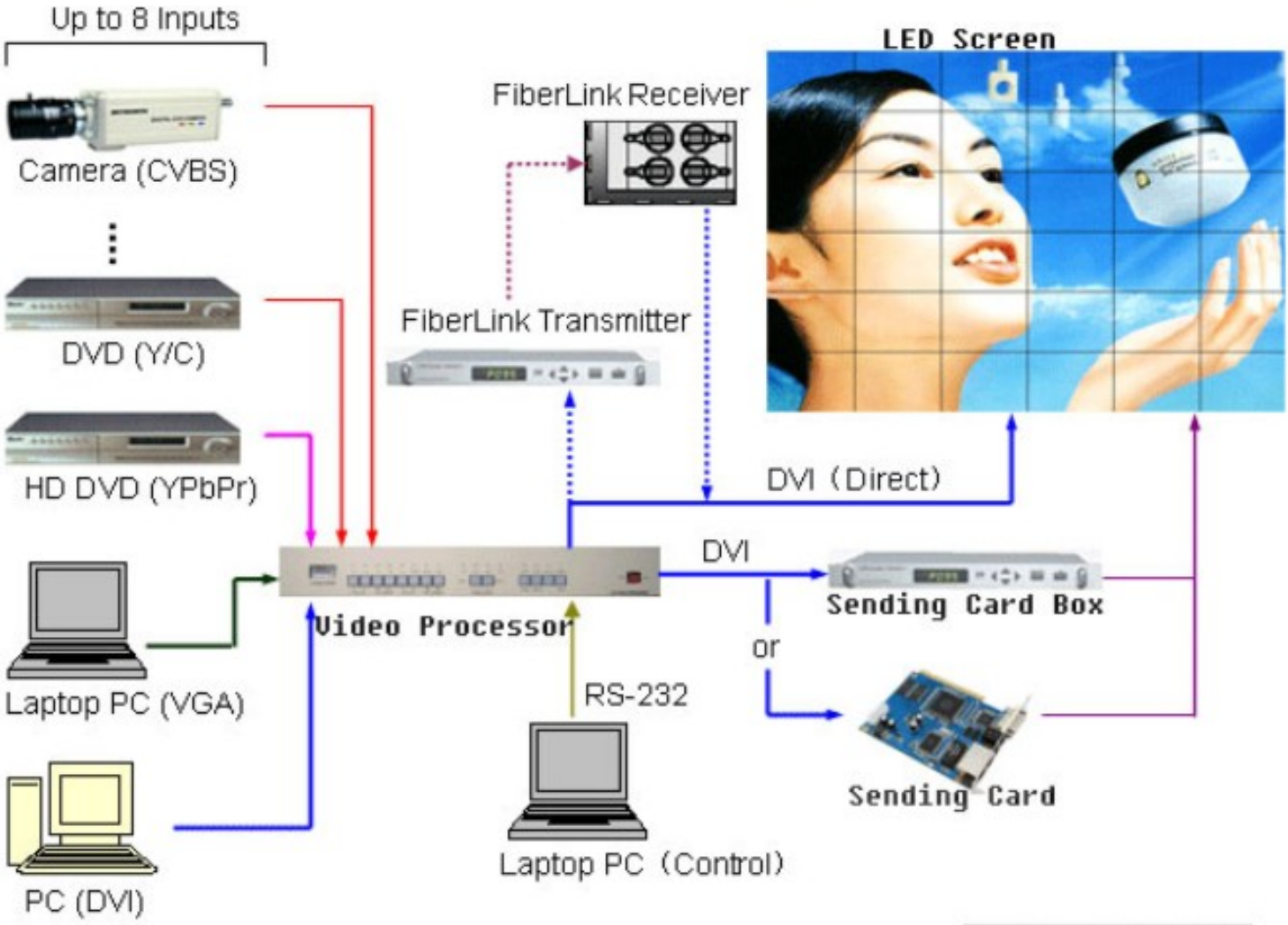
Part 3: LED Display System Introduction

◆LED Display System Overview



System Diagram

1. LED Display System is a multimedia hi- tech product that blended optical, electronic and acoustic signal processing technology, and it includes the followings:

◆Display screen

◆Controlling computer, communication system,System software & related peripheral equipments

2. System Features:

◆Available for connection to an external scanner, and accepting various pictures, graphs and handwriting inputs.

◆Accepting video signal (TV, VCR, DVD,etc), and showing dynamic images, and it also can show graphs and animations.

◆The control computer can act as a workstation on network, and read real-time data from specified computer, and show then on its display.

◆Various methods for images display, and easy replacement for arranged programs whenever (including play sequence, time length) etc.

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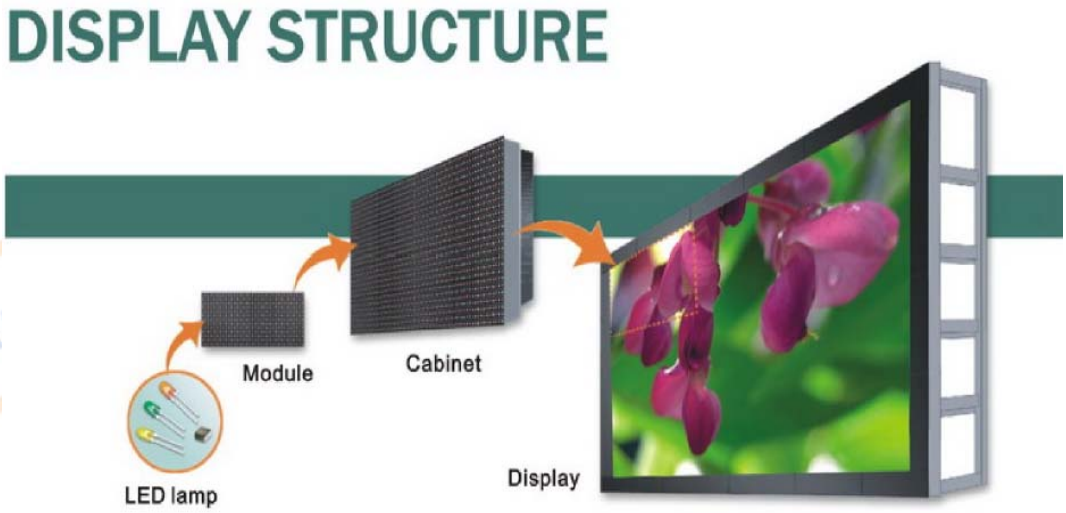
◆ Outdoor & Indoor Full Color LED Display System

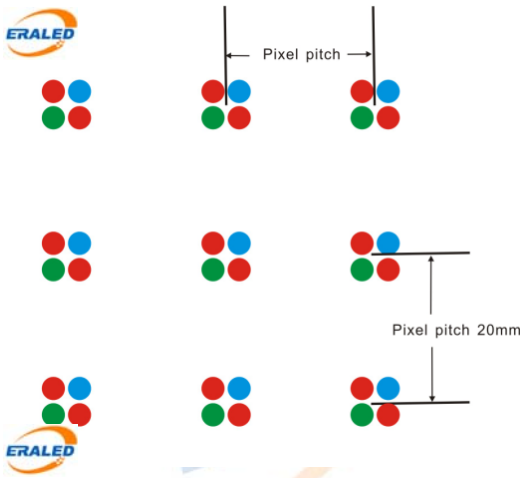
Outdoor & Indoor Full Color LED Display Screen System: Each pixel consists 2R1G1B/1R1G1B. With the speciality of waterproof, windproof, sunproof, staticproof, antifreezing, high brightness, its purpose is to propagandize outdoor & indoor advertising & play the important news, events, shows or TV program etc.

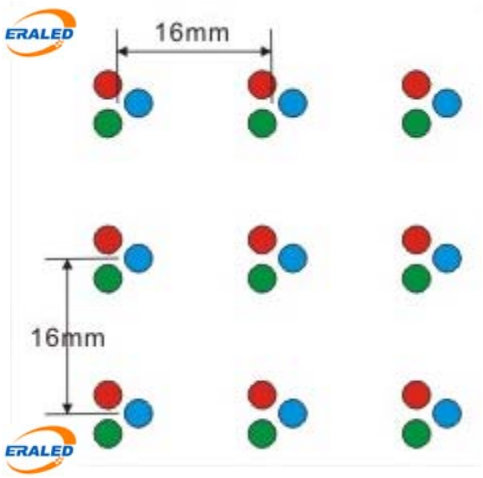


1. LED(eg)

Pixel Led Mode:	**546/346/3528/5050**	**546/346/3528/5050**	**546/346/3528/5050**
Wave length(nm):	**R: 625-630**	**G: 525-530**	**B: 465-470**
Brightness(mcd):	**R:400-2000**	**G:1500-4760**	**B:300-1200**

2. Module & Pixel (eg)





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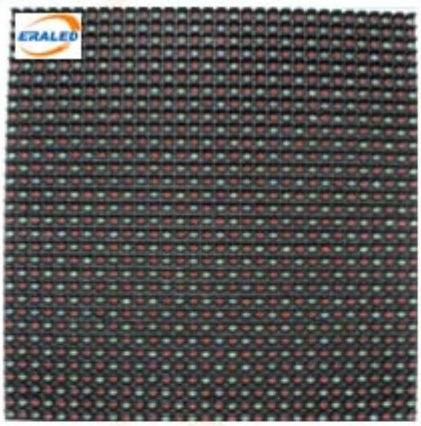
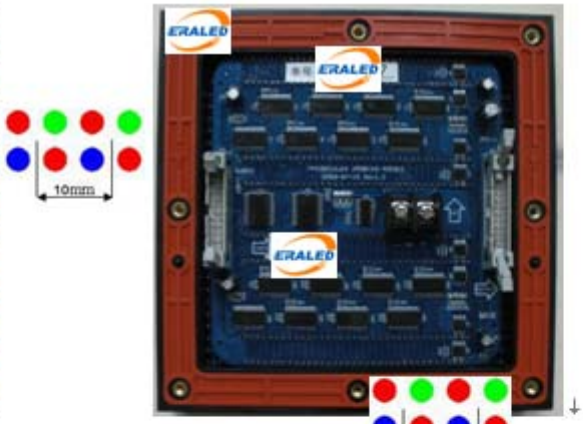
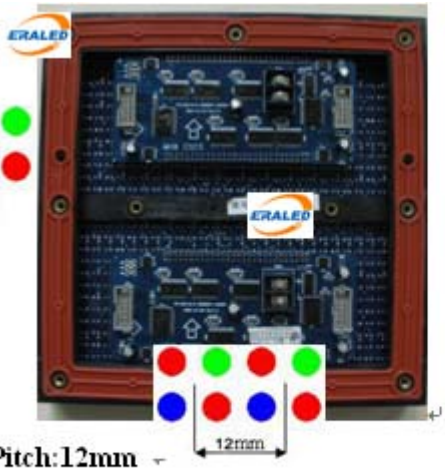



Pixel composition: 2R, 1PG, 1PB
Module Pixels(dot): 16*16

Pitch:10mm
Module Size(mm):160(L)*160(H)*30(T)

Pixel composition: 1R, 1PG, 1PB
Module Pixels(dot): 16*16

Pitch:10mm
Module Size(mm):160(L)*160(H)*30(T)



Pixel composition: 2R, 1PG, 1PB
Module Pixels(dot): 16*16

Pitch:12mm
Module Size(mm):192(L)*192(H)*30(T)

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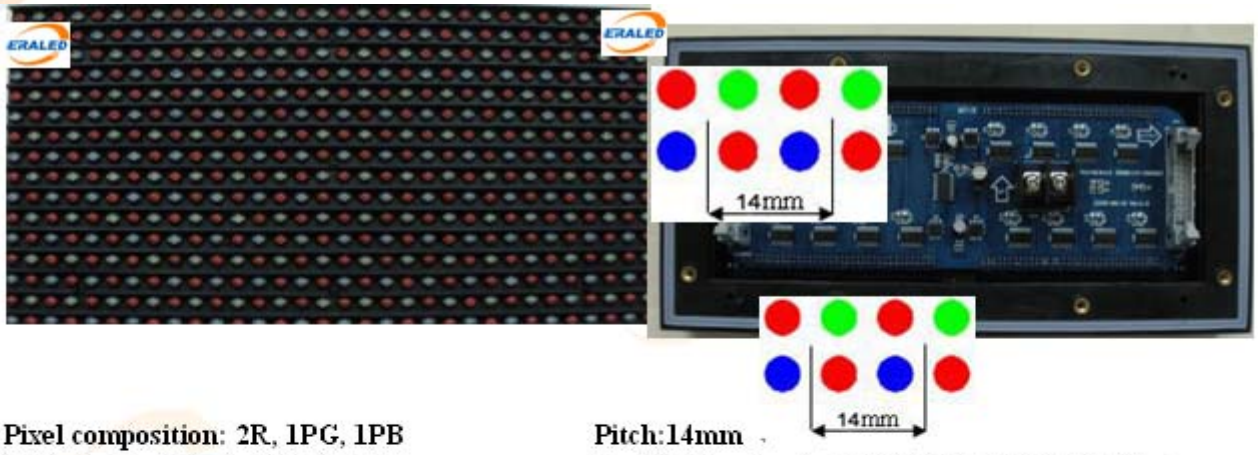
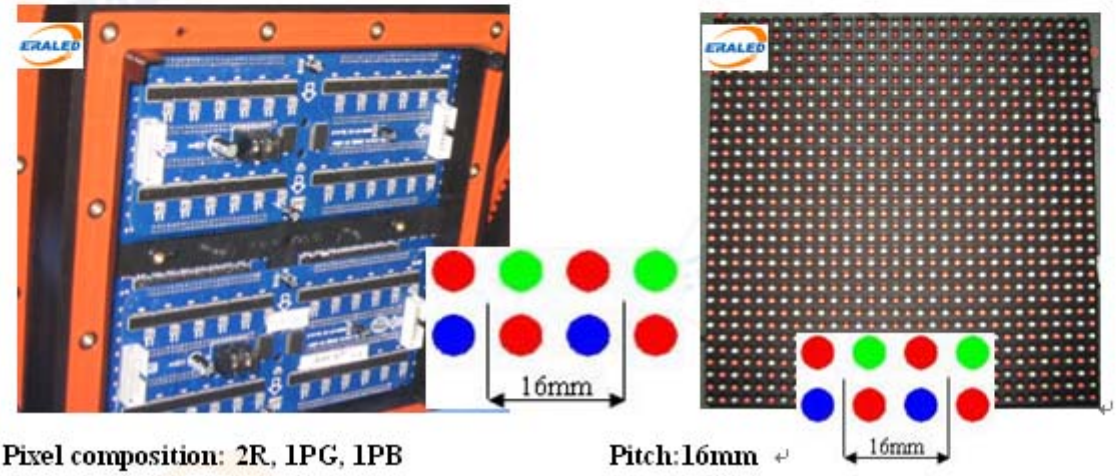


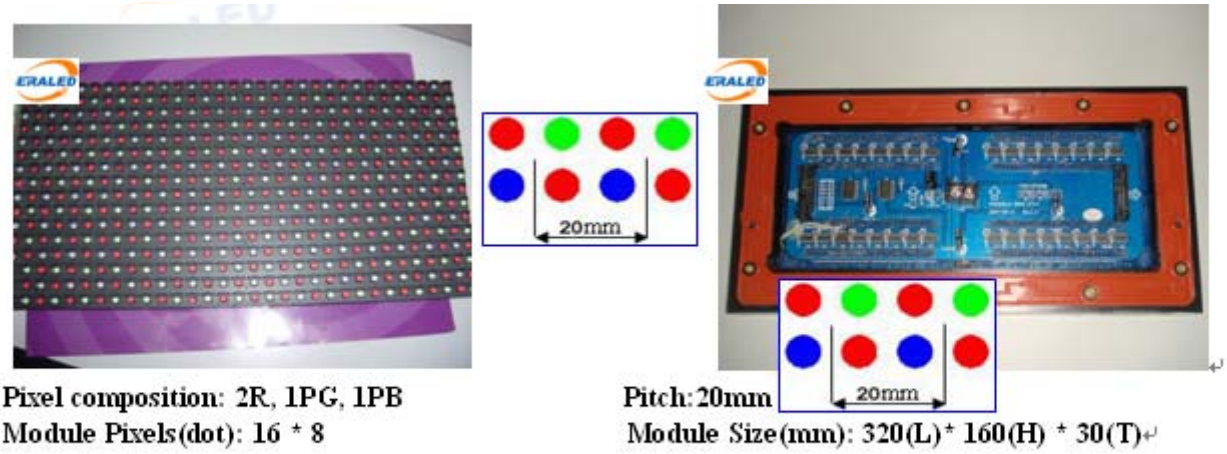
Pixel composition: 2R, 1PG, 1PB
Module Pixels(dot): 16*16/16 * 8

Pitch:14mm
Module Size(mm): 224(L)*224/112(H) * 30(T)



Pixel composition: 2R, 1PG, 1PB
Module Pixels(dot): 16*16/16 * 8

Pitch:16mm
Module Size(mm): 256(L)* 256/128(H) * 30(T)



Pixel composition: 2R, 1PG, 1PB
Module Pixels(dot): 16 * 8

Pitch:20mm
Module Size(mm): 320(L)* 160(H) * 30(T)

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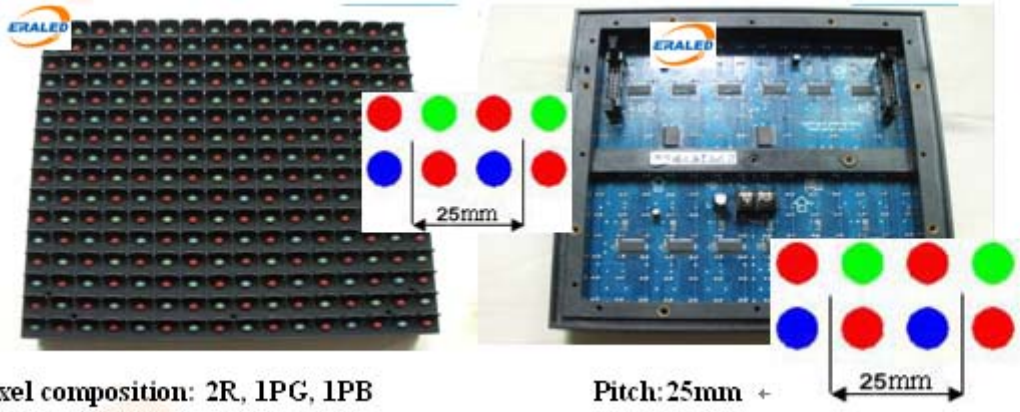
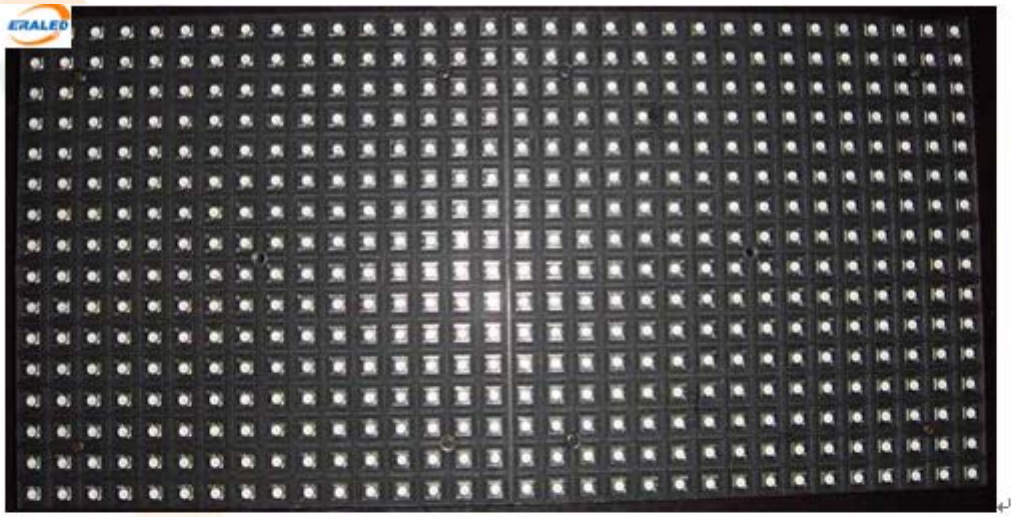
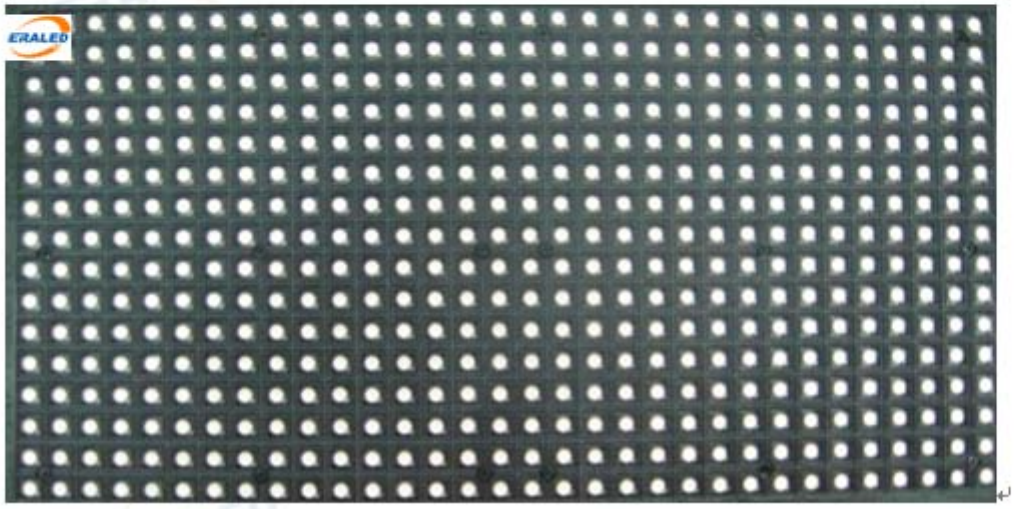


Pixel composition: 2R, 1PG, 1PB
Pitch:25mm
Module Pixels(dot): 8 * 8
Module Size(mm): 200(L)* 200(H) * 30(T)



Pixel composition: SMD3528
Pitch:6mm
Module Pixels(dot): 32*16
Module Size(mm): 192(L)* 192(H) * 20(T)



Pixel composition: SMD3528
Pitch:7.62mm
Module Pixels(dot): 32*16
Module Size(mm): 244(L)* 122(H) * 20(T)

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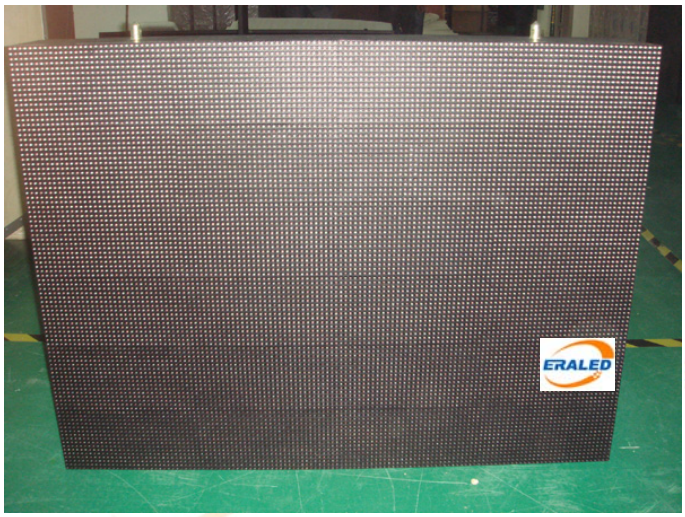
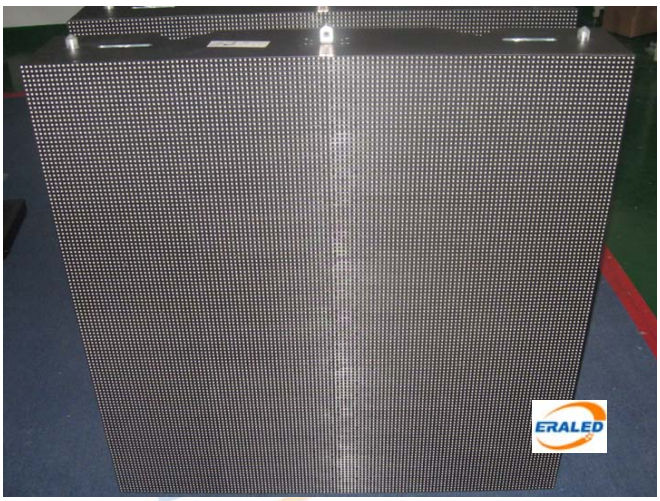
3. Cabinet

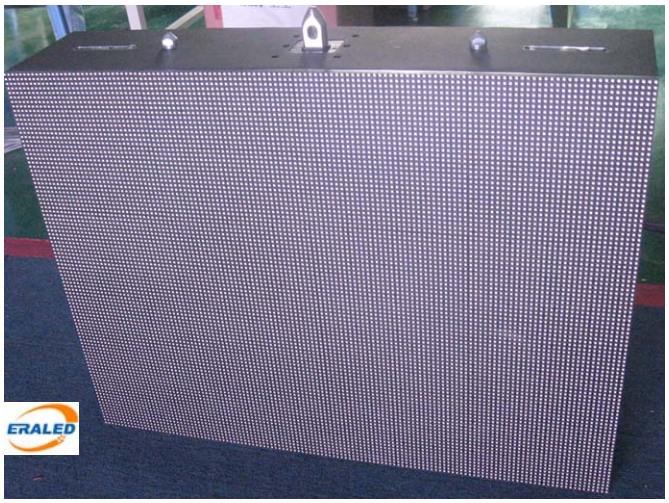


Front side of the outdoor waterproof cabinet(P16)

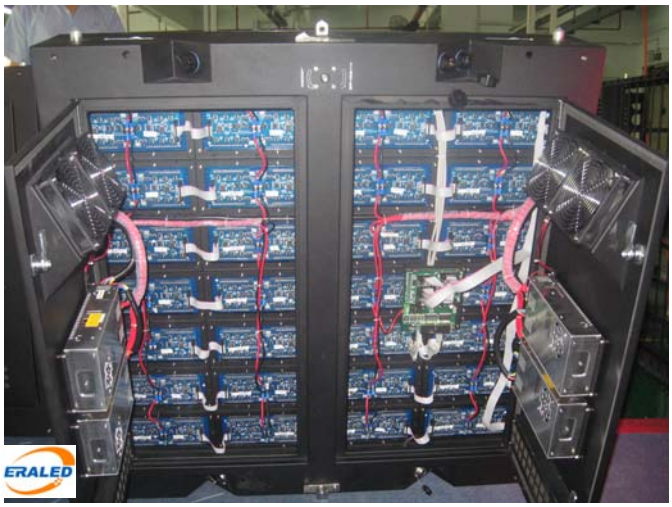
Back side of the outdoor waterproof cabinet (P16)



Front side of the indoor cabinet(P7.62)



Front side of the indoor cabinet(P6mm)



Backside of the cabinet with lock button and hanging structure for rental use

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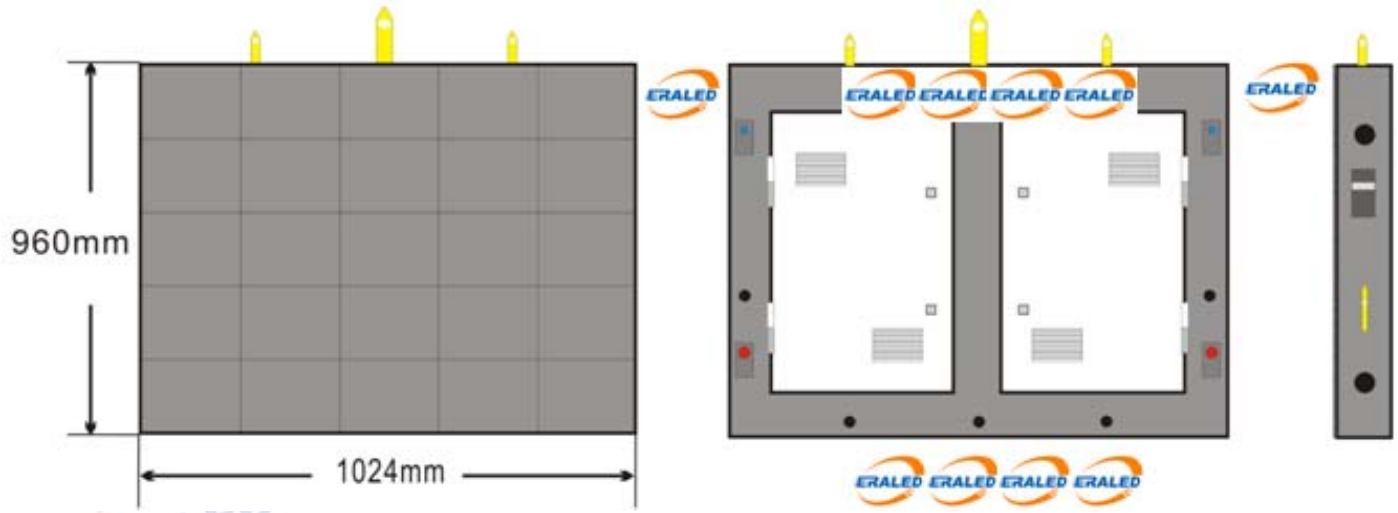
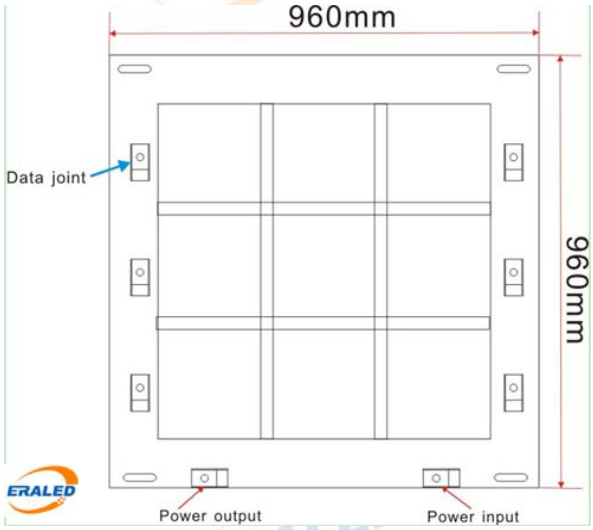
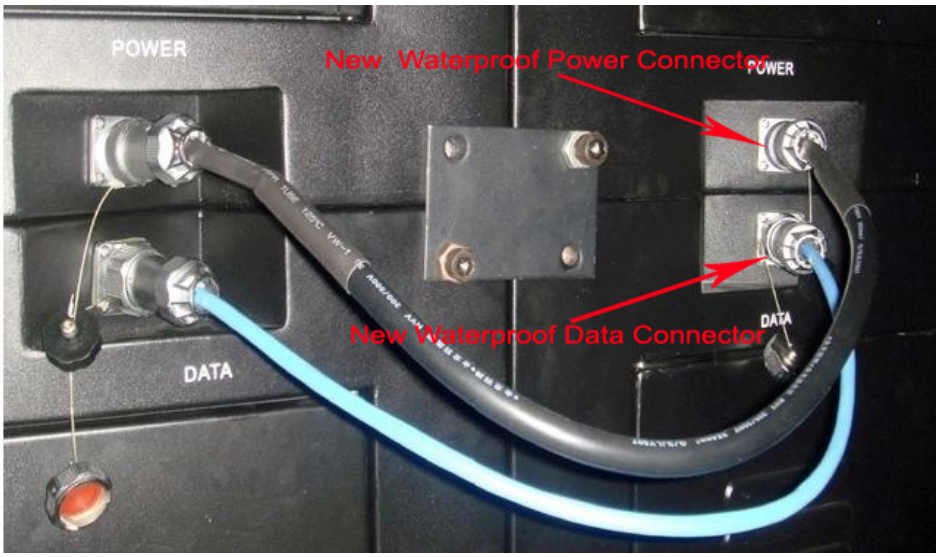
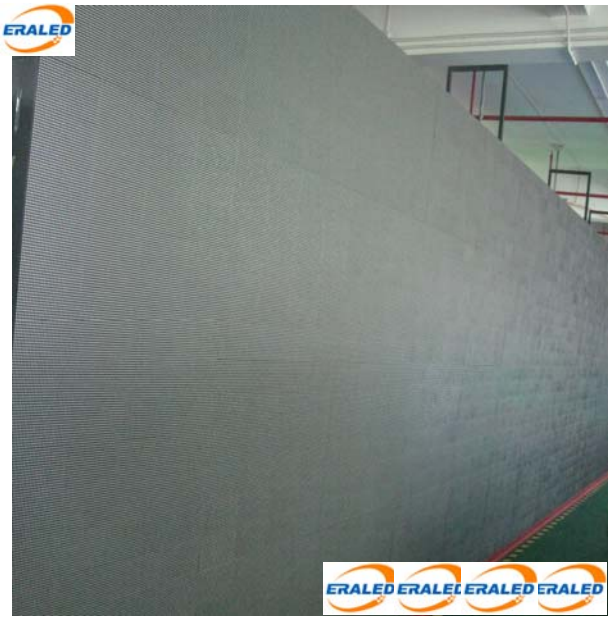


Cabinet diagram with lock button and hanging structure for rental use





Cabinet conection (Power connection & data connection between cabinets)



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