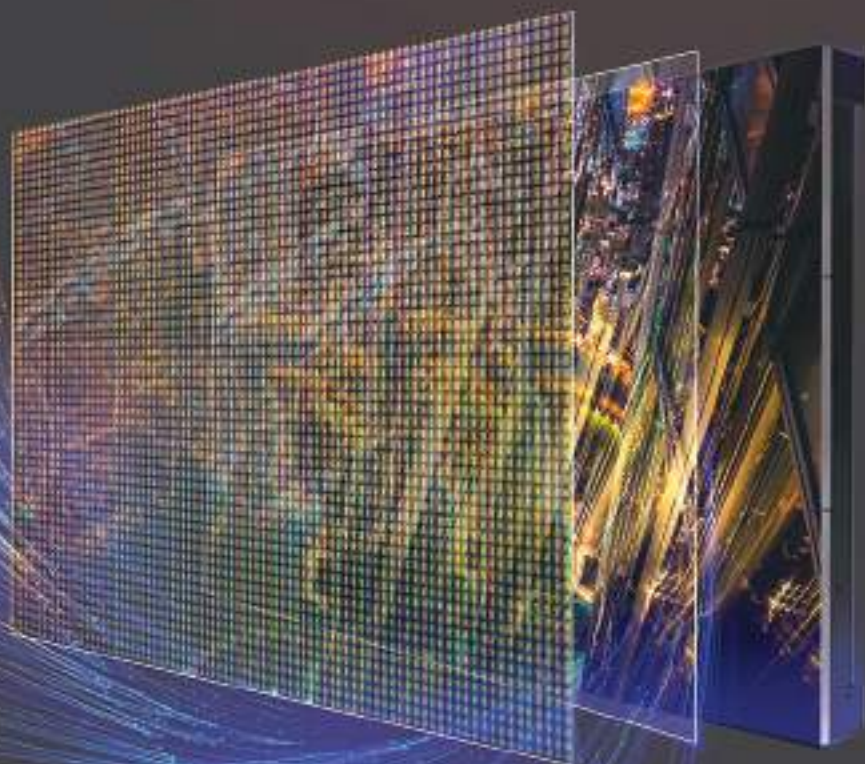




# RAINBOW LED



LED display & LED lighting Manufacturer

R&D, Sales, Service, Solution Provider

# Our clients



Rainbow Led



بلدية دبي  
DUBAI MUNICIPALITY



النيابة العامة - دبي  
PUBLIC PROSECUTION - DUBAI



شرطة دبي  
DUBAI POLICE



غرفة عجمان  
AJMAN CHAMBER



منطقة عجمان الحرة  
AJMAN FREE ZONE



هيئة الموارد البشرية  
HUMAN RESOURCES AUTHORITY



أدنوك  
ADNOC



BITHERCASH



Imdaad



قناة الظفرة  
Al Dafrah TV



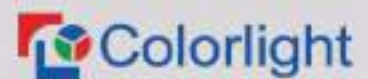


## About us

Established in 2010, Rainbow LED is one of the leading companies with full service solutions provide for digital signage under one roof. Our service system includes consulting, design, end-end installation, remote monitoring, and after sales management.

we have powered thousands of digital displays with a multiple client base which includes retail, corporate, advertising, healthcare, banking & entertainment sectors.

*Distributors:*  | 





### Heritage village / Indoor

- ✓ P 2.5 mm Indoor Led screen installed in Abu Dhabi with high-resolution
- ✓ High brightness adjustable 0 - 100%
- ✓ This LED screens Support multi-input sources simultaneously and can be controlled via multi computers and controllers HDMI, DVI, SDI, CVBS, VGA, DP Input spots.

### International Tower / Indoor

3 nos of P 1.86 mm LED Screens fixed in the reception area of international tower Abu Dhabi.

- ✓ It supports camera and Computer Displays
- ✓ Online and Offline system
- ✓ with high-resolution P 1.8 with the TB 60 Controlled system
- ✓ It supports Cloud and High range of wifi.



### Yas Island Hilton Hotel Souq / Outdoor



3 nos P4 mm (16.8 sqm) outdoor led screens installed in Abu Dhabi which are controlled by wifi system.

- ✓ High brightness and eye - friendly display also Supports 4k video quality
- ✓ LED screens also support android and ios.



### Human Resource Authority / Indoor

3 Led Screens installed inside the Human Resource Authority in Abu Dhabi

- ✓ Size of LED is one U-Shape 14.4 sqm, 3.1 sqm and 4.2 sqm screens.
- ✓ Eye-Friendly LED
- ✓ LED Screen can be attached with multiple inputs like Camera, and Computer displays.

### Adnoc HQ / Indoor

1 nos of P1.5 mm LED Screens fixed in the reception area of Adnoc HQ in Abu Dhabi with a size of 4.48\*2.4m

- ✓ It supports camera and Computer Displays
- ✓ Online and Offline system
- ✓ with high-resolution P1.5 with the TB 60 Controlled system
- ✓ It supports Cloud and High range of wifi.



### Emirates Red Crescent / Indoor



- ✓ 3 nos of the highest quality of P1.8 mm LED Screens have been installed in the Conference Hall and the Reception area.
- ✓ These LED Screens supports multi-input sources simultaneously and can be controlled via multi Computers and controllers.



### Burjeel Hospital / Indoor

Installation of P2.5 mm curved shape Indoor led Screens at Burjeel Hospital, Abu Dhabi.

- ✓ Its support HD videos with high brightness and eye-friendly display.
- ✓ The High range of wifi and also support android and ios.

### GEMS School / Indoor

2 nos led screens at GEMS School in Abu Dhabi, UAE

- ✓ P1.86 mm indoor Led
- ✓ Its support HD videos with high brightness and eye-friendly display.
- ✓ The High range of wifi and also support android and ios.



### IKEA / Indoor

2 nos P1.8 mm LED Screens installed at IKEA Al Wahda Mall.

- ✓ It supports 4k quality video with high brightness and Eye-Friendly display.
- ✓ LED Screen controlled with Static IP, the high range of wifi and also support Android and iOS.





### Scentitude Perfume / Indoor

Various sizes of P1.86 mm Led Screen have been Installed in Scentitude Showroom.

- ✓ Al khawaneej
- ✓ Marina Mall, Abu Dhabi
- ✓ Al Ain Mall, Al Ain
- ✓ It supports 4k quality video
- ✓ high brightness and Eye-Friendly display.
- ✓ Connected with Cloud system



### Aldar Properties PJSC / Indoor

P 2.5 mm curve design 53.5 sq.m indoor LED screen installed at Aldar Properties

- ✓ It's supports 4k quality video with latest technology



## Al - Ain Stadium / Outdoor



At the event of 2019 AFC Asian Cup, 89 sqm P5 mm Led Screen installed in Hazza bin Zayed Stadium, located in the city of Al Ain.

Led Screen has novastar controller connected to the control room with fiber optic cables upto 200m.

- ✓ Live Stadium Matches,
- ✓ Recorded Videos and
- ✓ Displays advertisements on demand etc.

## KMC Plus Medical Center / Outdoor



Installation of P4 mm Outdoor led Screens in Al Ain, UAE.

- ✓ Its support HD videos with high brightness and eye-friendly display.
- ✓ The High range of wifi and also support android and ios.



### Abu Dhabi Distribution Company / Indoor

Curved 10 sqm Led Screens are installed at Abu Dhabi Distribution Company (ADDC)

- ✓ P1.86 mm LED screens installed
- ✓ It supports 4k quality video with high brightness and Eye-Friendly display.



### IKEA Dubai Festival City / Indoor

P1.86 mm LED Screen installed IKEA Dubai Festival City.

- ✓ Size of LED is 28 sqm Eye-Friendly LED
- ✓ It supports 4k quality video with high brightness and Eye-Friendly display.
- ✓ Can view computer display



### Companion Beauty Salon & Spa / Indoor

Installation of P2.5 mm U-shaped LED Screen at Companion Beauty Salon & Spa at Dubai Festival City Mall BR

- ✓ It supports 4k quality video with high brightness and Eye-Friendly display.
- ✓ LED Screen controlled with Static IP, the high range of wifi and also support Android and iOS.



### Dubai Police HQ / Indoor

P1.8 mm LED Screen installed inside the Media Security Department Of Dubai Police HQ.

- ✓ Size of LED is 12.3sqm Eye-Friendly LED
- ✓ Multi-Channel Media Box is attached and supports different multi-channels collagen,
- ✓ Its friendly drag and customize display screen system
- ✓ can display 32 different channel at the same time
- ✓ LED Screen can be attached with multiple inputs like Live streaming, Camera, Computer and can be used for Presentations

### Dubai Municipality / Indoor

3 Led Screens are installed in Dubai Municipality.

- ✓ 2 nos P3 mm LED screens installed
- ✓ P5 mm screen installed In main door hall
- ✓ Can view live camera, computer display and are controlled by novastar TB6 and TB8 with new technology online and offline system.



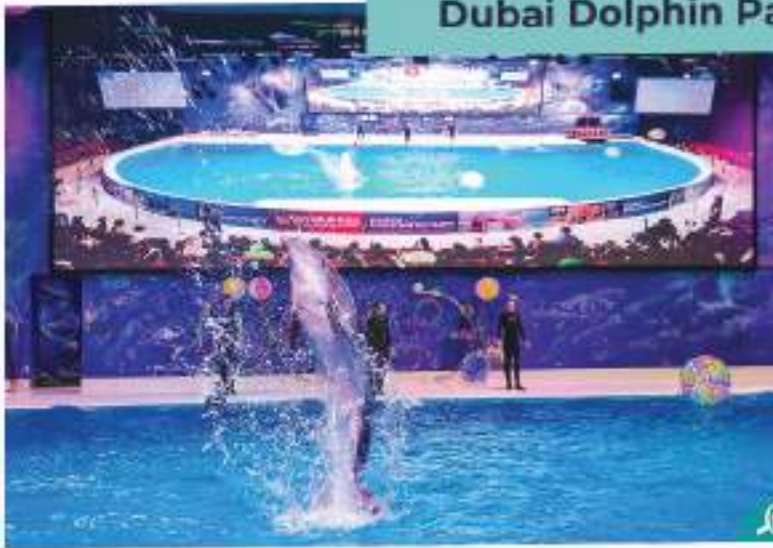
### Dubai Public Prosecution / Indoor

Installation of P 1.86 mm LED Screen at the reception area.

- ✓ It supports 4k quality video with high brightness and Eye-Friendly display.
- ✓ LED Screen controlled with Static IP, the high range of wifi and also support Android and iOS.



### Dubai Dolphin Park / Outdoor



85sqm P5 mm LED Screen installed in Dolphin Park, Dubai

- ✓ Special double side waterproof design due to real seawater and direct water drop on the LED.
- ✓ Its support HD videos with high brightness and eye-friendly display.
- ✓ LED screen controlled by Nova star controller with multi DMX and live streaming.

### Puma Store / Indoor

*Dubai Mall*

- ✓ Fixed in Dubai Mall
- ✓ 2 nos Indoor LED Screens with high-resolution of P 1.86mm,
- ✓ High brightness and eye - friendly
- ✓ It supports 4k video quality
- ✓ LED screen controlled with static IP
- ✓ Have cloud system and can operate Online and Offline
- ✓ The led screen controlled with Server Stations, Android, ios and satellites.



### harmanhouse



### Harman House / Indoor

*Dubai Mall*

- ✓ Fixed in Dubai Mall
- ✓ with high-resolution of P 2.0mm, High brightness and eye - friendly
- ✓ It supports 4k video quality
- ✓ LED screen controlled with static IP
- ✓ The High range of wifi and also
- ✓ Support android and ios.



Carrefour - Al Jimi Mall / Indoor  
Electronics Area



### Carrefour / Indoor & Outdoor

- ✓ Indoor / Outdoor LED Screens installed in various outlets of carrefour in UAE
- ✓ Screens Installed on all 4 sides of Pillar.
  - ✓ Mobile sections
  - ✓ Fruit sections
  - ✓ Vegetable Sections
  - ✓ Bakery Area
  - ✓ Textile Area
  - ✓ Fish Area
- ✓ Can play 4k videos and Images,
- ✓ controller can operate with IP, wifi, USB, Android and iOS
- ✓ Rack Promotion Led's

Carrefour shindagha dubai / Indoor  
Mobile sections



Carrefour deira city center / Indoor  
Fish Area



Carrefour mall of emirates / Indoor  
Mobile sections





### Dubai Imdaad / Outdoor

The largest Led Screen have been installed in Imdaad Jebel Ali Office.

- ✓ Its 89sqm P8 mm Outdoor Led screen with VX4 controller and used more than 200m Fiber + Cat6 cables.
- ✓ This Led Screen can be controlled via locally and remotely with a static IP address that's why is easy to Operate under the local network.

### Uptown Mirdif / Outdoor

Installation of 3 nos outdoor P6mm and 3 nos indoor P2.5 mm Led Screen at Uptown Mirdif, Dubai.

- ✓ The High range of wifi and also support android and ios.
- ✓ high-resolution and adjustable brightness



### Safe line / Outdoor

19.96 sqm LED Screen installed in safe Line in deira, UAE

- ✓ Its P4 mm Led Screen
- ✓ can display 32 different channel at the same time
- ✓ LED Screen can be attached with multiple inputs like Camera and Computer display.



### ORO24 Real Estate / Indoor

4 nos Led Screens installed at Oro24 real estate developments in Sheikh Zayed Rd - Umm Al Sheif - Dubai

- ✓ P 1.863 mm and P 2.5 mm led screens
- ✓ Eye-Friendly LED.
- ✓ LED Screen can be attached with multiple inputs like Live streaming, Camera, Computer and can be used for Presentations



### JYSK - Burjuman / Outdoor

Installation of P6 mm outdoor LED screen at Burjuman, Dubai

- ✓ Its support HD videos with high brightness and eye-friendly display.
- ✓ The High range of wifi and also support android and ios.





## Fujairah Tv / Indoor

2 nos square and 5 nos triangle LED screens installed in Fujairah Tv

- ✓ It Supports a 4k video quality with latest Technology processor
- ✓ P 2.5 mm indoor LED screen
- ✓ it supports 4k video quality and multi inputs of HDMI, DVI, SDI, CVBS, VGA, DP Inputs.
- ✓ Color temprature Controlled System
- ✓ Adjustable Framing system

## AL-Dafrah TV / Indoor



P 2.5mm curve design 25 sqm indoor LED screens installed in AL-Dafrah TV.

- ✓ It's supports 4k quality video with latest technology of X-16 controller can control multi input, multi screen, scale section , crop screen and cable backup system



### Gold's Gym - Reef Mall / Indoor

- ✓ P 4mm flexible Indoor LED Screens installed in Dubai
- ✓ High brightness adjustable 0 - 100%
- ✓ This LED screens Support multi-input sources simultaneously and can be controlled via multi computers and controllers HDMI, DVI, SDI, CVBS, VGA, DP Input spots.

### Ras Al-Khaimah GYM / Indoor

P 2.5mm indoor LED screens installed in Ras Al-Khaimah GYM.

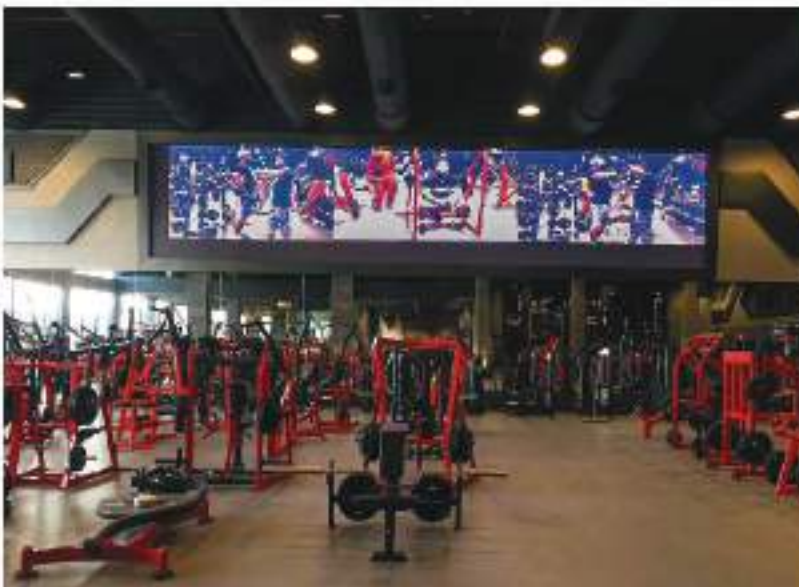
- ✓ It supports 4k quality video with high brightness and Eye-Friendly display.



### Oxygen Gym / Indoor

Oxygen Gym we have installed 3 LED screens in the workout area also 1 LED in cafeteria .

- ✓ These are P 1.83mm Indoor Led screens with high resolution.







### B-1 Gym / Indoor

- ✓ 1 no LED screen installed in workout area
- ✓ P2.5 mm Indoor Led Screen with high resolution.

### KTL GYM / Indoor

P 2.5mm Curved led screen installed in KTL Gym

- ✓ Fixed in Ras Al Khaimah, UAE
- ✓ 16.8sq.m Screens with wifi controlled systems,
- ✓ High brightness and eye - friendly display also Supports 4k video quality
- ✓ LED screen controlled with The High range of wifi and also support android and ios.



### Mas Gym / Indoor



2 nos of Led Screens installed in Mas Gym Fujairah, UAE.

- ✓ P 2.5mm Led screens
- ✓ Eye-Friendly LED
- ✓ LED Screen can be attached with multiple inputs like Camera, Computer and can be used for Presentations



### Fortune Grand Hotel / Indoor & Outdoor



4 nos Indoor/Outdoor LED Screens installed at Fortune Grand Hotel.

- ✓ Fixed in Deira, Dubai with high-resolution of P 2.5mm and P 4mm
  - ✓ High brightness and eye - friendly.
  - ✓ it supports 4k video quality
  - ✓ LED screen controlled with static IP
- The High range of wifi and also support android and ios.



### Avani Hotel / Outdoor

- ✓ Fixed in Avani Hotel Ibn Battuta
- ✓ Outdoor LED Screen with high-resolution of P 4 mm.
- ✓ High brightness and eye - friendly
- ✓ it supports 4k video quality
- ✓ The led screen controlled with Server Stations, Android and ios.



### Rangeela Cafe & Restaurant / Indoor



Installation of P 2.5mm Indoor LED screen at Rangeela cafe in Umm Hurair Road - Dubai

- ✓ It supports 4k quality video with high brightness and Eye-Friendly display.

### Studio Lounge Cafe / Indoor

- ✓ Led screens installed in Umm Hurair Rd - Dubai with high-resolution
- ✓ P 2.5mm Indoor Screens placed inside the Studio lounge cafe,
- ✓ High brightness adjustable 0 - 100%
- ✓ This LED screens Support multi-input sources simultaneously and can be controlled via multi computers and controllers HDMI, DVI, SDI, CVBS, VGA, DP Input spots.





## Hookah Pani Lounge / Indoor

P2.5mm Led screen with size 5.5 Sqm installed in a lounge in Dubai.

- ✓ High brightness and eye - friendly.
- ✓ It supports 4k video quality
- ✓ LED screen controlled with static IP The High range of wifi and also support android and ios.



## Drama Cafe / Indoor

Led screen installed in a Shisha Cafe at Oud Metha road- Dubai .

- ✓ P2.5 mm Indoor Led screens controlled by wifi and tv box.

## SMOKE LAB CAFE / Indoor

P2.5 mm Indoor Led screen installed at Khalid Bin Waleed St - Dubai

- ✓ It supports 4k quality video with high brightness and Eye-Friendly display.





### Private Cinema / Outdoor

P 4mm Outdoor Led screen of size 24 sqm installed in Bahrain.

- ✓ LED Screen can be attached with multiple inputs like Live streaming, Camera, Computer and can be used for Presentations

### Ferrari showroom / Indoor

Installed 15 sqm Screen in Ferrari-Showroom, Bahrain.

- ✓ Its P 1.86mm Indoor Led Screen.
- ✓ LED Screen can be attached with multiple inputs like Camera and Computers



### Uwalk, Riyadh / Outdoor

2 Led Screens are installed Uwalk, Riyadh, KSA in Saudi Arabia.

- ✓ a successful project of P3.9 mm of Outdoor LED's
- ✓ Can view multiple inputs like Camera and Computer Displays





## JASHANMAL / Indoor

5 Led Screens installed at the JASHANMAL showroom in Saudi Arabia.

- ✓ Size of LED is two U-Shape 14 sqm screens and 5.3 sqm screens.
- ✓ Eye-Friendly LED Screens
- ✓ LED Screen can view multiple inputs like Camera and Computer Displays.



## Lion Lounge / Indoor

3 nos LED Screens installed at the Lion lounge in Saudi Arabia.

- ✓ Its P 2.5mm Led Screen
- ✓ LED Screen can View multiple inputs like Camera and Computer Displays

## Lebanon, downtown / Indoor

9.2 sqm Indoor Led Screen Installed In Lebanon, downtown

- ✓ P 1.86mm LED Screen can view multiple inputs like Camera and Computer Displays





## BOA NightClub / Indoor

- ✓ Entire Club covered with 150sqm P 4mm Flexible soft module LED Screen Displays
- ✓ Installed in V Hotel These LED used as DJ/RJ systems
- ✓ Connected with Hifi sound system and DMX DJ lighting system.

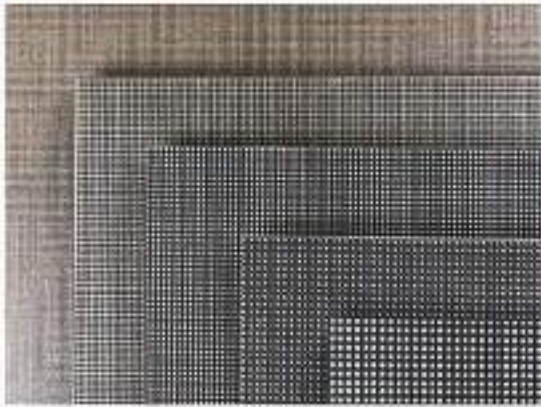
## Omni NightClub / Indoor



- ✓ Entire Club covered with P 3.9mm 130sqm LED screen have been installed in Omni night club.
- ✓ These LED used as DJ/RJ systems and connected with hifi sound system and DMX DJ lighting system.



# Small Pixel Pitch Series



### Low Power Consumption

Saving up to 30% energy than traditional cabinet



### High Contrast

Maximum Contrast ratio up to 5000: 1



### HD Video Display

Ultra-small pixel pitch, high pixel density, resolution up to 1080P more



### High Gray Scale

Grey scale processing up to 16bit



### High Refresh Rate

Refresh frequency up to 3200Hz



### Wide Viewing Angle

Horizontal viewing angle up to 160 degree



### Seamless Assembly

CNC high precision processing.



### Brightness Adjustment

Wide range of brightness adjustment, from 200-1500Lm, to meet the different needs

## Features:

- (1) Small pixel pitch, large pixel density, high resolution.
- (2) Black SMD, high contrast ratio, good uniformity.
- (3) True natural color, seamless gap, no color difference.
- (4) Random display in any area, wide viewing angle.
- (5) Die-casting aluminum design, high precision, quick and easy installation and maintenance.



Light weight



Wide viewing angle



Quiet design



High Contrast



Indoor HD

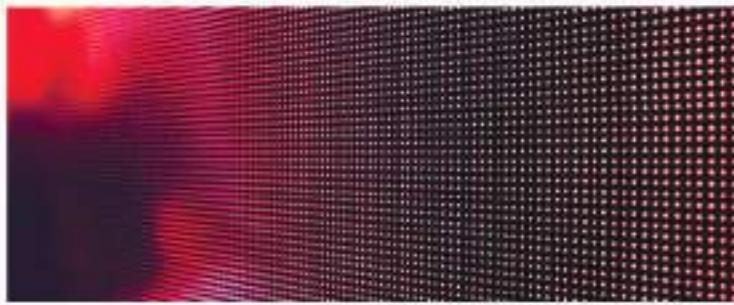


Easy to maintain



User-friendly design





		SPECIFICATION				
Item No	RE - P1.0	R3 - P1.25	R3 - P1.667	R3 - P1.875	R3 - P1.9231	
Pixel pitch mm	1.0	1.25	1.667	1.875	1.9231	
Pixel density (pixels/m <sup>2</sup> )	10000000	640000	369000	284440	279393.51	
LED type	SMD 0808	SMD 0808	SMD 1010	SMD 1515	SMD 1010	
View angle	H160°/V 160°	H140°/V 140°	H140°/V 140°	H140°/V 140°	H140°/V 140°	
Brightness (cd/m <sup>2</sup> )	>450	>800	>900	>900	>900	
Scan Mode	1/40S	32S	30S	2S	2S	
Grey Scale	>14Bit	>14Bit	>14Bit	>14Bit	>14Bit	
Refresh frequency (Hz)	3840Hz	300Hz	2880Hz	2680Hz	2880Hz	
Module size (mm)	320*160	240*270	200*300	240*120	200*300	
Cabinet size (mm)	640*640	480*270	400*300	480*480	400*300	
Cabinet material	Die-casting aluminum	Die-casting aluminum	Die-casting aluminum	Die-casting aluminum	Die-casting aluminum	
Cabinet weight(KG)	8	8	8	8	8	
Working voltage	100/240V	100/240V	100/240V	100/240V	100/240V	
Average power (w/m <sup>2</sup> )	45w	45w	35w	35w	35w	
Max power (W/m <sup>2</sup> )	130w	130w	100w	100w	100w	
Maintenance method	Front/Rear	Front/Rear	Front/Rear	Front/Rear	Front/Rear	
Protection level	IP30	IP30	IP30	IP30	IP30	
Operating Temperature	-20°C~50°C	-20°C~50°C	-20°C~50°C	-20°C~50°C	-20°C~50°C	
Storage Temperature	-40°C~80°C	-40°C~80°C	-40°C~80°C	-40°C~80°C	-40°C~80°C	
Lifespan(h)	>100000	>100000	>100000	>100000	>100000	
Certification	CCC, CE, RoHS, FCC	CCC, CE, RoHS, FCC	CCC, CE, RoHS, FCC	CCC, CE, RoHS, FCC	CCC, CE, RoHS, FCC	

## Indoor Full Color SMD Module Series



### SPECIFICATION

Pixel Pitch(mm)	1.93	2.0	2.5	3	3.07	4	5
LED Configuration	SMD 1515	SMD 1515	SMD 2020	SMD 2020	SMD 2020	SMD 2020	SMD 2121
Pixel Density (dot/m <sup>2</sup> )	295884	1250000	160000	111111	105625	40000	40000
Module size(mm)	320*180	320*180	320*180	192*192	320*160	256*128	320*160
Module Resolution	172*86dot	160*80dot	128*64dot	64*64dot	104*52dot	64*32dot	64*32dot
Scanning Mode	29S	20S	32S	32S	26S	16S	16S
Brightness Intensity	>600CD/m <sup>2</sup>	>600CD/m <sup>2</sup>	>600CD/m <sup>2</sup>	>600CD/m <sup>2</sup>	>600CD/m <sup>2</sup>	>600CD/m <sup>2</sup>	>600CD/m <sup>2</sup>
Viewing Angle	140°	140°	140°	140°	140°	120°	140°
Environmental	INDOOR	INDOOR	INDOOR	INDOOR	INDOOR	INDOOR	INDOOR
Brightness Adjustment	0-100 levels adjustable						
Control Mode	Synchronous display with control PC by DVI						
Support Input	Composite, S-Video, Component, VGA, DVI, HDMI, HD_SDI						
Operation Power	AC100/24050/60HZ						
Operating Temperature	-20°C~+60°C						
Operating Humidity	10~90%RH						
Operating Life	100,000hours						

## Outdoor Full Color SMD Module Series



### SPECIFICATION

Pixel Pitch(mm)	2.5	3	4	5	6	6.5	8	10
LED Configuration	SMD2020	SMD1515	SMD2525	SMD2525	SMD3535	SMD2525	SMD3535	SMD3535
Pixel Density (dot/m <sup>2</sup> )	160000	105625	62500	40000	27777	22500	15625	10000
Module size(mm)	320*160	320*160	320*160	520*160	192*192	320*160	256*128	320*160
Module Resolution	128*64dot	104*52dot	80*40dot	64*32dot	32*32dot	48*24dot	32*16dot	32*16dot
Scanning Mode	1/32S	1/13S	10S	8S	8S	1/6S	5S	42
Brightness Intensity	>4500CD/m <sup>2</sup>	>4000CD/m <sup>2</sup>	>5000CD/m <sup>2</sup>	>5000CD/m <sup>2</sup>	>5000CD/m <sup>2</sup>	>4500CD/m <sup>2</sup>	>5500CD/m <sup>2</sup>	>6000CD/m <sup>2</sup>
Viewing Angle	140°	140°	140°	140°	140°	140°	140°	140°
Environmental	OUTDOOR	OUTDOOR	OUTDOOR	OUTDOOR	OUTDOOR	OUTDOOR	OUTDOOR	OUTDOOR
Brightness Adjustment	0-100 levels adjustable							
Control Mode	Synchronous display with control PC by DVI							
Support Input	Composite,S-Video,Component,VGA,DVI,HDMI,HD_SDI							
Operation Power	AC100~24050/60HZ							
Operating Temperature	-20°C~+60°C							
Operating Humidity	10~90%RH							
Operating Life	100,000hours							



## Rental Display



### Characteristic :

**Quick:** The cabinet can be connected or be dismantled within 15 seconds by hands.

**Fine:** Made of die-casting aluminum, the cabinet tolerance is less than 0.1mm, and the flatness and splicing gap are less than 0.5mm.

**Easy:** Can install and dismantle cabinet at different places; Easy to maintenance.

**Compatible:** Easy to lifting, stacking, and fixed setting; Compatible with various pixel pitch.

**Stable:** Passed the aging test at the temperature of 60°C & -20°C.

**Low:** Low power consumption, low noise, low transportation cost, low installation fees

1. Precise-designed locating pin and hole site tmhaek e the product lock very fast, and make splice of the display flat and smooth.

2. The product can adjust maximum 15° to meet various requirements of installation.

3. The handle with ergonomic optimized design saves both time and labor when the product is installed. The process of installation become easier and more convenient.

4. Simple lock design makes the installation quicker, the display firmer.





## Outdoor Energy - Saving Display



### ■ Characteristic

1. Using LED with high light effect and will not lose any luminous chips.
2. High efficient power supply increases the efficiency of power supply conversion.
3. Excellent thermal design of the screen decreases the power consumption of fans.
4. Scientific circuit design decreases power consumption of internal wiring.
5. Adjust the brightness of outdoor LED display automatically according to the changing of surroundings.
6. Professional low transition voltage and high efficient current drive IC.



## SPECIFICATION

## Outdoor Application


Display Specification	P2.5	P3	P4	P5	P6	P8
Scanning Mode	1/32	1/32	10s	8s	8s	4S
Brightness	5000CD/m <sup>2</sup>	5000CD/m <sup>2</sup>	5000CD/m <sup>2</sup>	5000CD/m <sup>2</sup>	5000CD/m <sup>2</sup>	5000CD/m <sup>2</sup>
Viewing Angle	140°	140°	140°	140°	140°	140°
Refresh Rate	3840 Hz	3840 Hz	3840 Hz	3840 Hz	3840 Hz	3840 Hz
Programme	Energy-saving Chip + Horizontal Banking Chip		Energy-saving Chip		Energy-saving Chip	

The scheme above can achieve the average power consumption of 100W/ square meters per hour, and can provide up to 73% energy saving.

Cabinet Size(mm): 860\*860, 640\*640, 500\*500.



## Indoor Customised Series

-  High Flexibility
-  Firm Construction
-  High Protection
-  Ultra Wide Viewing Angle
-  Adjustable Brightness
-  Easy Maintenance



### SPECIFICATION

Pixel Pitch(mm)	Chircular P4	Isosceles Triangle P4	Equilateral Triangle P4	Isosceles Triangle P5	Equilateral Triangle P6
LED Configuration	SMD 2121	SMD 2121	SMD 2121	SMD 2121	SMD 2121
Pixel Density (dot/m <sup>2</sup> )	62500	62500	62500	40000	40000
Module size(mm)	φ258mm Plane circle	122*176*88	216*212*192	200*346*100	318*319*276
Module Resolution (dot)	πR2 → 3215spot	44*22	53*48	66*20	64*54
Scanning Mode	16S	11S	12S	10S	14S
Brightness Intensity	>1000CD/m <sup>2</sup>	>1700CD/m <sup>2</sup>	>1300CD/m <sup>2</sup>	>1000CD/m <sup>2</sup>	>900CD/m <sup>2</sup>
Viewing Angle	140°	140°	140°	140°	140°
Environmental	Indoor	Indoor	Indoor	Indoor	Indoor
Brightness Adjustment	0-255 levels adjustable				
Control Mode	Synchronous display with control PC by DVI				
Support Input	Composite,S-Video,Component,VGA,DVI,HDMI,HD_SDI				
Operation Power	AC100~240V/60HZ				
Operating Temperature	-20°C~+60°C				
Operating Humidity	10~90%RH				
Operating Life	100,000hours				





## Indoor Flexible Module Customised Series

 High Flexibility

 Firm Construction

 High Protection

 Ultra Wide Viewing Angle

 Adjustable Brightness

 Easy Maintenance

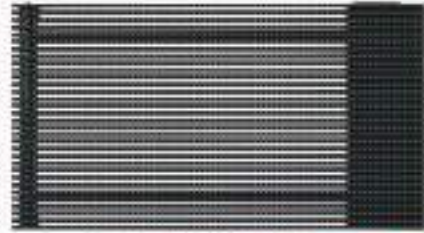

### SPECIFICATION

Pixel Pitch(mm)	P2.5	P4	P5	P6	P8	P10
LED Configuration	SMD 1010	SMD 2121	SMD 2121	SMD 3528	SMD 3528	SMD 3528
Pixel Density (dot/m <sup>2</sup> )	160000	62500	40000	27777	15625	10000
Module size(mm)	240*120	256*128 240*240	320*160*1.6	192*192*1.6	256*128*1.6	320*160*1.6
Module Resolution (dot)	96*48	64*32/60*60	64*32	32*32	32*16	32*16
Scanning Mode	30S	16S/15S	16S	8S	4S	4S
Brightness Intensity	>1400CD/m <sup>2</sup>	>1400CD/m <sup>2</sup> >1600CD/m <sup>2</sup>	>900CD/m <sup>2</sup>	>2500CD/m <sup>2</sup>	>2800CD/m <sup>2</sup>	>2000CD/m <sup>2</sup>
Viewing Angle	120°	120°	120°	120°	120°	120°
Environmental	indoor	indoor	indoor	indoor	indoor	indoor
Brightness Adjustment	0-255 levels adjustable					
Control Mode	Synchronous display with control PC by DVI					
Support Input	Composite,S-Video,Component,VGA,DVI,HDMI,HD_SDI					
Operation Power	AC100~24050/60HZ					
Operating Temperature	-20°C~+60°C					
Operating Humidity	10~90%RH					
Operating Life	100,000hours					





# Outdoor Mesh Screen



## SPECIFICATION

Item No.	RB - P3.9
Pixel pitch(mm)	3.91
Pixel density(Pixels/m <sup>2</sup> )	32768
Pixel configuration	1R1G1B
LED type	SMD 2121
Module size(mm)	500 x 250 x 15
Unit module size(mm)	500 x 250
cabinet resolution(Pixel/s)	256 x 64
Cabinet weight(kg)	3.8
Max power(W/cabinet)	avg 203 max 600
Brightness(cd/m <sup>2</sup> )	1200
Grey level	14bit
Transparency	96%
View angle(°VH)	140°/140°
Permissibility	44%
Drive mode	Static state constant current
Refresh frequency(Hz)	1920
Lifespan(h)	>100,000
Working voltage	AC220V/50Hz; AC110V/60Hz
Working tem.	-20°C~+60°C
Working hum.	10%~90%



### Frame Structure

Aluminum frame structure; Light and flatness and intensity could be well.



### Ventilation & Transparency

High transparency ratio can make the wind outflow though the screen ; add the capability of wind resistance ,decrease the led display steel structure weight.



### Easy installation

Modular design , easily installation and dismantle.



### After-sales services

One years services of freely repairing ,Lifetime services of maintaining.



### Environment Friendly

Non-noise design; It can work quietly without fan.



### High Protection

High-level rain-proof ,dust-proof,moisture-proof,corrosion-proof dealing . It can works well and long in the bad environment .



### Light weight

The weight is less than 25kg/m<sup>2</sup> which is about 60%-70% lighter than traditional display.



### Energy saving

LED light sensor and automatically adapt LED screen brightness according to environment brightness and fulfill human eye requirement, environment friendly.





## SPECIFICATION

Item No.		RB-P2R-HD1				
LED strip		25	25/31	25/35	25/41	25/50
Pixel configuration		1R1G1B				
Light bar size(mm)		L:1200/1500 W:10 D:12				
Unit size(mm)		1200x2500	1200x2500	1500x250	1500x250	1500x250
Pixel pitch(mm)	Horizontal	25	25	25	25	25
	Vertical	25	31.25	31.71	41.87	50
Pixel resolution(Pixels/m <sup>2</sup> )		1600	1280	1120	960	800
Lightbar/Unit		10	8	7	6	5
Unit resolution(Pixels)		48*10	48*8	60*7	60*6	60*5
Permeability		80%	68%	72%	76%	80%
Brightness(nit)	Epistar	>7500	>7000	>6500	>5800	>5000
	Nichia	>8000	>7500	>7000	>6500	>5500
Weight(kg) (Without structure)	Unit	4.5	4.2	4	3.5	3.2
	Sqm	15	14	10.6	9.6	8.5
Power consumption(W)	Unit	135	120	130	115	95
	Sqm	450	400	345	305	265
Light bar array		H/V				
View angle		H120°/V60°				
Protection level		Ip66				
LED lamp	Color	Specification	Wave length(nm)	Brightness(cd/m <sup>2</sup> )	Manufacturer	
	Red	OvaΦ346	625-630	>2000	Epistar/Nichia	
	Green	OvaΦ346	515-520	>3800		
	Blue	OvaΦ346	465-470	>900		



# Led Dance Floor Series



## SPECIFICATION

Item No	RB - PH 3.91	RB - Ph 5.2	RB - PH 6.25
Pixel pitch(mm)	3.91	5.2	6.25
Pixel density(pixels/m <sup>2</sup> )	65537	36864	25600
Pixel configuration	1R1G1B 3 in 1	1R1G1B 3 in 1	1R1G1B 3 in 1
LED type	SMD 1921	SMD 1921	SMD 1921
LED parameter	Red Ed (620-628nm) IV (550- Green Ed (518-526nm) IV (1150- Blue Ed (464-472nm) IV (270-	Red Ed (620-628nm) IV (550- Green Ed (518-526nm) IV (1150- Blue Ed (464-472nm) IV (270-	Red Ed (620-628nm) IV (550- Green Ed (518-526nm) IV (1150- Blue Ed (464-472nm) IV (270-
Power consumption m <sup>2</sup>	Average: 300 Max:600	Average: 300 Max:600	Average: 300 Max:600
Drive mode	1/5 scanning	1/5 scanning	1/5 scanning
Brightness(cd/m <sup>2</sup> )	2000 cdm	2000 cdm	2500 cdm
Viewing angle(H/V)	120/120	120/120	120/120
Best viewing distance(m)	4-60	6-75	8-60
Protection level(IP)	Ip54	Ip54	Ip54
Module size(mm)	250X250	250X250	250X250
Module resolution(pixel/s)	64(w) x 64(h)	48(w) x 48(h)	40(w) x 40(h)
Module quantity/Cabinet(pcs)	2x4	2x4	2x4
Cabinet size(mm)	500x1000	500x1000	500x1000
Cabinet resolution(pixels)	128x256	96x192	80x160

## Smart Series



### Smart Designed Screen:

- (1) Customized design according to different requirement.
- (2) High brightness: Adopt super high brightness LED, available to see clearly under sunshine and long viewing distance.
- (3) Strong Reliability: Distributed scanning technology and modular design techniques, higher reliability and stability.

Shaped LED display screen products has: LED shaped screen, curved screen, round screen, cross screen, triangular screen, oval screen, sphere screens, etc.

- (4) High degree of protection: IP65 / Ip30.

reach to IP 65. Easy assembling and removing safely.



## Portable Ads Media Series

### Visual Enjoyment

- 1:2.5 aspect ratio, it gives a new feeling.
- 369 thousand high resolution and vivid image
- 3840 Hz high refresh rate, avoid glitter .
- 15 bit gray scale ,35000 billion color scale .
- wireless, 3G, WIFI are available.
- network access, freely image change .

### Distributed Cluster Advertising

Applications:

Ritz Hotels , Big Shopping Arcade, Airport ,Subway Station and so on.

Solution for distributed cloud platform: flexible, safe, powerful and easy

Cloud platform multimedia publishing solution contains 3 parts: SERVER, CONTROL CENTRAL & TERMINAL. Control central is software running in the office, which used for message display and system maintenance. Terminal is software running in controlling computer of display. Cloud platform is software installed in server. Generally server work in internet as a management center and display terminal commands and relay station.



#### INDOOR SPECIFICATION

	P1.5	P1.8	P2.5
Pixel Pitch (mm)	P1.5	P1.8	P2.5
Pixel density	SMD1010	SMD1515	SMD1515
Pixel configuration	1R1G1B	1R1G1B	1R1G1B
Module size(mm)	320 x 160	320 x 160	320 x 160
Module size(mm)	208 x 104	172 x 80	128 x 64
Cabinet size(mm)	64 x 192	64 x 192	64 x 192
LED type	SMD1010	SMD1515	SMD1515
Brightness(cd/m <sup>2</sup> )	>600	>600	>600
Viewing angle	VH 120°/120°	VH 120°/120°	VH 120°/120°
Max power(W/m <sup>2</sup> )	710	710	890
Scanning Mode	1/32	1/32	1/32

#### OUTDOOR SPECIFICATION

	P2.5	P3	P4
Pixel Pitch (mm)	P2.5	P3	P4
Pixel density	SMD2020	SMD1515	SMD2525
Pixel configuration	1R1G1B	1R1G1B	1R1G1B
Module size(mm)	320 x 160	320 x 160	320 x 160
Module size(mm)	128 x 64	108 x 53	80 x 40
Cabinet size(mm)	64 x 192	64 x 192	64 x 192
LED type	SMD2020	SMD2020	SMD2525
Brightness(cd/m <sup>2</sup> )	≥ 5000	≥ 5000	≥ 5000
Viewing angle	VH 120°/120°	VH 120°/120°	VH 120°/120°
Max power(W/m <sup>2</sup> )	710	710	890
Scanning Mode	1/32	1/32	1/32

## Vehicle Mounted Series



With the rapid development of the advertising industry, related resources are more abundant and popular. Vehicle mounted LED display surprised customers because of its exquisite appearance. As outdoor advertising media with high penetration, vehicle mounted LED display can broadcast anywhere anytime and face to target audience directly. According to the Chinese marketing & media researching survey in 2010, at least 75% people in main city of China have watched advertisement through vehicle mounted LED display. That means, it can not only bring great commercial value, but also improve the image of city, enrich citizens' life. Its characteristic such as fluidity, multiple exposure rate, long release cycle, low budget and strong visual impact, will breakout the limitations of traditional media and create a new industrial structure.



## Spares And Control

Rainbow LED has full range of LED modules for outdoor and indoor led screens with high quality and competitive price. Our all products comes certified with certificate of CE, RoHS, CCC, etc





## Customer Information

Name:-	Date:-
Mobile:-	Email:-
Company:-	
Company Activities:-	
Order Description:-	
_____	
_____	
_____	
_____	








**RAINBOW LED**

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