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The way of Digitalization

SBW TECHNOLOGY PVT. LTD.

To be a new model of LED display industry

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About Us

Established in 2019, as a engaged in producing LED advertising screen, traffic sign, mobile screen, rental screen, Sports screen, LED curtain / Grid display, LED outdoor single color, dual color and full color modules, some creative products such as curved and column display etc.

"Although the road is endless and faraway, I still want to pursue the truth in the world." SBW Technology responds to worldwide energy-saving and green environmental protection as our own responsibility. We take "High Quality, Reasonable Price and Best Service" as our strategy.Welcome customers and friends from all over the world, you always can get what you need here.

Our Motto is to make a Smart, Digital India. Digital transformation approach aims at improving internal processes, structures, and working practices of government / private organizations through digital technology. The current digital and technological environment can be used innovatively to lead to the desired levels of transformation and modernization.

Products Series:

01 **Outdoor Series**

02 **Indoor Series**

03 **Rental Series**

04 **Portable LED Sign**
Taxi/Bus/Track LED display

05 **Traffic Sign Solution**
Trailer/VMS/Arrow board

06 **Creative LED Display**
LED logo sign/LED poster/Street pole LED display/Soft module/LED curtain/Transparent LED display

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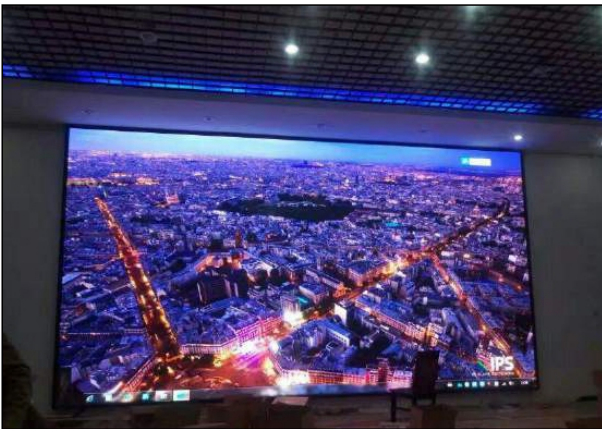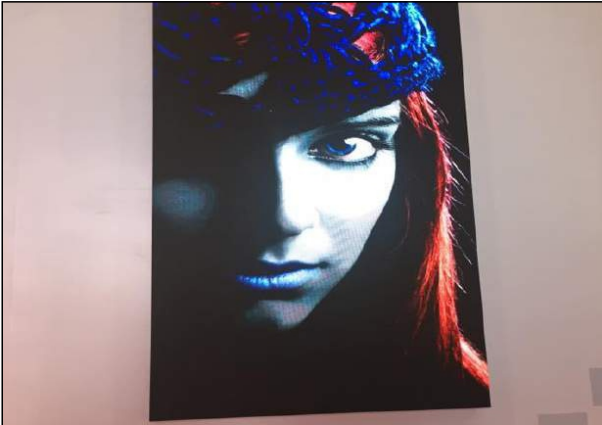The way of Digitalization

Outdoor Series:

Available Outdoor Modules

P10, P8, P6, P4, P4.8

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Outdoor Specifications

Model	P5-SMD Aluminum cabinet	P6-SMD Steel cabinet	P8-SMD Steel cabinet	P10-SMD Steel cabinet
Pixel pitch	5mm	6mm	8mm	10mm
Scan mode	8S	4/8S	4S	2/4S
Pixel density	40000dots/m²	27777dots/m²	15625dots/m²	10000dots/m²
Pixel configuration	SMD2727	SMD3535	SMD3535	SMD3535
Module resolution	32x32dots	32x32dots	32x16dots	16x16dots
Module size	160x160mm	192x192mm	256x128mm	160x160mm
Cabinet size	960x960mm	768x768mm	1024x768mm	960x960mm
Cabinet resolution	192x192dots	128x128dots	128x96dots	96x96dots
Brightness(full white)	≥5500cd/m²	(4S)6500~7500cd/m² (8S)4500~6000cd/m²	5000~5500cd/m²	(2S)6000~7500cd/m² (4S)4500~6000cd/m²
Refresh rate	1080Hz/s			
Weight	45kg/m²	65kg/m²	65kg/m²	65kg/m²
Viewing angle	120°(H) / 120°(V)			
Power consumption (Max./Avg.)	1350W 540W/m²	(4S)1800W/680W/m² (8S)1200W/500W/m²	880W/350W/m²	(2S)1400W/470W/m² (4S)680W/270W/m²
Signal input	HUB75	(4S)HUB73 (8S)HUB75	HUB75	HUB75

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Indoor Series:

- Text, graphic and video shown on the display is clear and vivid

- With the modular design, the screen can be built up at the required size

- Big view angle, like(H:160°- V:120°)

Available Indoor Modules

P6, P5, P4, P3, P2.5

Indoor Specifications

Model	Indoor P2.5	Indoor P3	Indoor P4	Indoor P5	Indoor P6
Pixel pitch	2. 5mm	3mm	4mm	5mm	6mm
Scan mode	32/16S	32/16S	16S	16S	16/8S
Pixel density	160000dots/m²	111111dots/m²	62500dots/m²	40000dots/m²	27777dots/m²
Pixel configuration	SMD2121			SMD3528	
Module resolution	64x64dots	64x64dots	64x32dots	64x32dots	32x32dots
Module size	160x160mm	192x192mm	256x128mm	320x160mm	192x192mm
Cabinet size	480x480x80mm	576x576x80mm	512x512x80mm	640x640x80mm	576x576x80mm
Cabinet resolution	192x192dots	192x192dots	128x128dots	128x128dots	96x96dots
Brightness(full white)	(32S) 800~1200cd/m² (16S) 1300~1800cd/m²	(32S) 680~1000cd/m² (16S) 1300~1600cd/m²	1300~1600cd/m²	1300~1600cd/m²	(16S) 1100~1300cd/m² (8S) 1500~1800cd/m²
Refresh rate	1920Hz/s				
Weight	8kg/set	9.5kg/set	9.5kg/set	8.5kg/set	8.5kg/set
Viewing angle	160°(H)/160°(V)			140°(H) 140°(V)	140°(H) 140°(V)
Power consumption (Max./Avg.)	(32S) 800W/280/m² (16S) 1300W/430/m²	(32S) 750W/240W/m² (16S) 900W/320W/m²	1045W/420W/m²	560W/225W/m²	(16S) 600W/210W/m² (8S) 900W/330W/m²
Signal input	(32S) HUB75E (16S) HUB73D	(32S) HUB75E (16S) HUB75D	HUB75D	HUB75D	HUB75D

Rental Services

Indoor:
2.5mm/3mm/4mm/5mm/6mm

Outdoor:
5mm/6mm/8mm/10mm

500x500/500x1000 mm cabinet:

3.91mm/4.81mm/5.95mm/6.25mm

Conference room

Theater

Stage

Auditorium

Exhibition

Vocal concert

Product Introduction

•Rental LED display is widely used in rental world, such as concerts, sports events, TV shows, fashion shows, outdoor exhibitions and conventions

Portable LED Sign
Taxi / Bus / Track LED display

Taxi Top LED Display

Bus LED Display

Truck LED Display

Taxi top LED display

Pixel pitch : 2.5mm/3mm/5mm

2.5 mm
Brightness :1500 nits
Screen size : 960x320 mm

3mm
Brightness : 3500 nits
Screen size : 768x288 mm

5mm
Brightness : 5500nits
Screen size : 960x320 mm

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Specification

Pixel Pitch	2.5 mm	3mm	5mm
LED Type	SMD 2121	SMD1921	SMD 2727
Pixel Density	160,000 dot/ m²	111,111 dots	40000 dot/ m²
Module Size	160*160mm	192*96	160*160mm
Frame Size	1100mm(L) x 410mm(H) X W:164mm(bottom)/ 99mm (top)	820mm(L) x 390mm(H) X W:170mm(bottom)/ 99mm (top)	1100mm(L) x 410mm(H) X W:164mm(bottom)/ 99mm (top)
Frame Materials	Aluminum	Aluminum	Aluminum
Screen Size	960mm*320mm	768mm*288mm	960mm*320mm
Screen Resolution	384*128 dot	256*96 dots	192*64 dot
Brightness	>=1500 nit	>=3500 nit	>=5500 nit
Contrast	>8000:1	>8000:1	>8000:1
View Angle	150°(H)/150°(V)	150°(H)/150°(V)	150°(H)/150°(V)
Scan Mode	1/16 scan	1/32 scan	1/8 scan
Power Supply Input	DC9--24V	DC9--24V	DC9--24V
Max Consumption	480w	270w	450w
Average Consumption	180w	90w	150w
Optimal Viewing Distance	1--20M	3--20M	5--50M
Driving ICs:	ICN2038	ICN2038	ICN2038
MTBF	10,000 Hours	10,000 Hours	10,000 Hours
Frame Frequency	60-85HZ	60-85HZ	60-85HZ
Fresh Frequency	>1920HZ	>1920HZ	>1920HZ
Control Method	Asynchronous	Asynchronous	Asynchronous
Control Mode	3G/4G/WIFI/ Ethenet/ USB	3G/4G/WIFI/ Ethenet/ USB	3G/4G/WIFI/ Ethenet/ USB
Package	Honeybox		
Screen Weight:	24 kg	15kg	23kg
Gross Weight:	31 kg	22Kg	30kg
Certificates	CE. ROHS	CE. ROHS	CE. ROHS

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Bus LED display

GPS tracker for the bus

Ads upload and control

High Resolution Bus LED Display

1. High Brightness (5500nits)
2. Safe, Reliable and Stable (100% virbration Testing)
3. Energy Saving Design (To be drived by existing battery system)
4. Smart Asynchronous control (3G/4G/WIFI/USB control
   GPS real-time monitoring)

Parameters

Product Name:	Bus LED Display	Bus LED Display
Model type	BS5S	BS5R
Pixel Pitch:	5mm	5mm
Pixel Configuration	1R1G1B, SMD2727	1R1G1B, SMD2727
Module Size	160*160mm	160*160mm
Module Resolution(pixels)	32*32	32*32
Screen Resolution(pixels)	352x 128	256x64
Screen Size:	1760 x 640 mm	1280*320mm
Frame Size	1900mm(L) x 700mm(H) x 100mm(W);	1400mm(L) x 400mm(H) x 100mm(W);
Screen Weight	50 kg	22 kg
Brightness	≥5500 nit	≥5500 nit
Contrast	>8000:1	>8000:1
View Angle	160°(Horizontal)/ 160°(Vertical)	160°(Horizontal)/ 160°(Vertical)
Optimal Viewing Distance	3--50 M	3--50 M
Reresh Rate(Hz):	Ordinary = 85Hz High ≥1920Hz	Ordinary = 85Hz High ≥1920Hz
Max Consumption	880W	400W
Average Consumption	300W	150W
Scan Mode	1/8 scan	1/8 scan
Control method:	Asynchronous	Asynchronous
Control Mode	3G/4G/Earthenet/USB/WIFI	3G/4G/Earthenet/USB/WIFI
GPS	Yes	Yes
Temperature Operating (℃)	-40°~+75°	-40°~+75°
Working Humidity	10%-95%RH	10%-95%RH
Protection Rating:	IP65	IP65
Power Protection	over-temperature/ over-current/over-voltage protection	over-temperature/ over-current/over-voltage protection
Certificate:	CE,ROHS	CE,ROHS

Truck LED dispLay

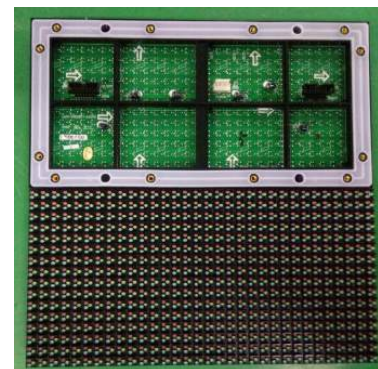|	
Product Name:	Truck Display
Model type	TR10
Pixel Pitch:	10 mm
Pixel Configuration	1R1G1B, DIP346
Module Size	160*160mm
Module Resolution(pixels)	16 *16
Screen Resolution(pixels)	384*192
Screen Size:	3840x1920mm
Frame Size	1900mm(L) x 700mm(H) x 100mm(W)
Screen Weight	330 kg (per side)
Brightness	>8000 nit
Contrast	>8000:1
View Angle	120°(Horizontal)/ 60°(Vertical)
Optimal Viewing Distance	10--100 M
Reresh Rate(Hz):	1920 Hz
Max Consumption	800W
Average Consumption	320W
Scan Mode	1/4 scan
Control method:	Synchronous (LINSN)
Temperature Operating (℃)	-40°~+75°
Working Humidity	10%-95%RH
Protection Rating:	IP65
Power Protection	over-temperature/ over-current/over-voltage protection

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Traffic Sign Solution

Trailer/VMS/Arrow board

Trailer

Product Name:	Trailer LED Display
Model type	ES10
Pixel Pitch:	10 mm
Pixel Configuration	1R1G1B, DIP346
Module Size	160*160mm
Module Resolution(pixels)	16 *16
Screen Resolution(pixels)	160*80
Screen Size:	2560x1280mm
Frame Size	2600mm(L) x 1400mm(H) x 120mm(W)
Screen Weight	165kg
Brightness	>7000 nit
Contrast	>8000:1
View Angle	120°(Horizontal)/ 60°(Vertical)
Optimal Viewing Distance	10--100 M
Reresh Rate(Hz):	1920 Hz
Max Consumption	600W
Average Consumption	220W
Scan Mode	1/4 scan
Control method:	Synchronous (LINSN)/Asynchronous
Temperature Operating (℃)	-40°~+75°
Working Humidity	10%-95%RH
Protection Rating:	IP65
Power Protection	over-temperature/ over-current/over-voltage protection

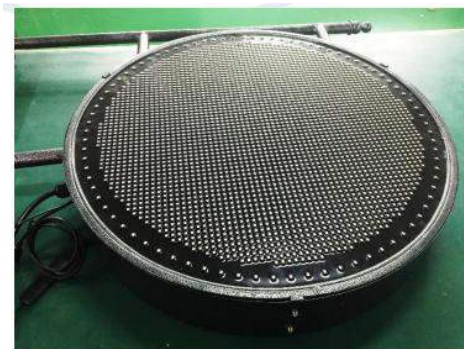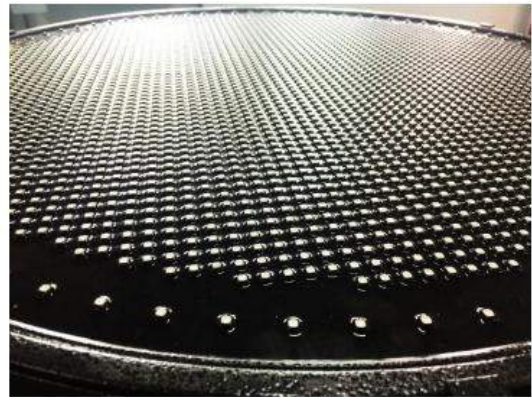# Creative LED Display

LED logo sign / LED poster / Street pole LED display
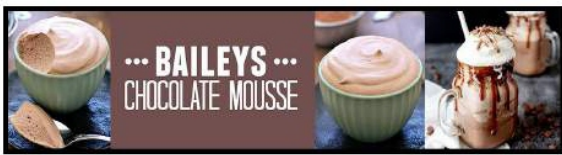Soft module / LED curtain / Transparent LED display

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LED logo sign

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LED logo sign

1	Pixel Pitch	8mm
2	Pixel Configuration	SMD3535, 1R1G1B 3-in-1
3	Pixel Density	15625 dots/m2
4	Cabinet Density	4096 dots
5	Scan Mode	1/8 scan
6	Max Consumption	60W
7	Average Consumption	30W
8	Module input Voltage	5V
9	Power supply	Meanwell
10	Input Voltage	AC220V/50Hz or AC110V/60Hz
11	Frame Size	Ø:60cm x D:10cm
12	Frame Design	Double-sided
13	Control Methord	Wifi control
14	IP grade	IP65 for both sides
15	White Balance Color	6000-15000k
16	Brightness Control	Red,Green and Blue 256 Grade/Each
17	White balance brightness	3500 nits
18	Temperature-operating	−25℃～45℃
19	Humidity-operating	10%～95%
20	View angle	Horizontal 160° Vertical 120°
21	Optimal Viewing Distance	8m-50m
22	Defects Rate	≤0.00001
23	Life Span	100,000 hours
24	Net Weight	8.5kg
25	Packing Size	93*80*18CM

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High difinition LED poster

Digital LED poster

Product features:

1. Plug and play zero setting.
2. Support Iso&Android devices.
3. Easy to opeartion,control by special mobile APP LED AD to connect to the screen WIFI.It support shot and send.
4. Ultra-thin&Ultra light design,the weight is only 28kg/pcs and the thickness is 30mm.
5. The only one product can support 10pcs unit together with no gap compared with the similar product.
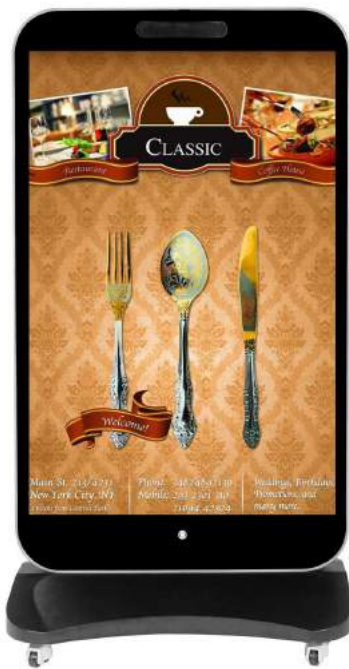6. Multi functional installation

Pixel pitch	3mm
Module Points	64x64
Module resolution	4,096
resolution	192×640
Recommended viewing distance	≥3.0 m
Module size	192x192mm
brightness	≥ 1,200 CD/m²
Color Temperature	5,000°K — 9,000° K
Ratio	8192:1/16384:1
Perspective	140° (+20° / -20°)
Cloud Sign*weight	28kg
Cloud Sign*size	1930mmX584mmX30mm
Case Material	Aluminum
Operating Temperature Range	-10°C to + 70°C
Pixel type(R / G / B)	SMD3 in 1
Gray scale	16 bits RGB
Video frame rate	60 Hz
refresh rate	> 1,200 Hz
Drive mode	1月16日
Input voltage	AC90-240V
Maximum input power(Max)	600W
minimum input power	280W
Life	≥ 100,000 Hours
Scenarios	Indoor
Compliance	CE ⑪ Ⓤ

Floor standing AD Player

Pixel pitch:

Indoor : 2.5mm / 4mm / 5mm
Outdoor : 5mm / 6mm

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Why LED over LCD

1.Brightness:For indoor LED units can reach at least 1500nits,outdoor can reach 6500nits.LCD are only able to reach around 600nits.

2.Power consumption:The power consumption for an LED Poster is only 1/10 of used in LCD panel. (Comparable with same size).

3.Life span:LED poster are anti-UV,which makes it's lifespan longer and reliablity higher.For LCD just can use around 3years but for LED the life span can reach 10years.

4.Maintainence:When there is the problem with one panel just need replace the LED lamp or 1 samll module,but for LCD need replace the whole panel.The cost is higher.

5.Advantage:The LED advertising poster has wider viewing angle,and much higher contrast,which means that an LED unit will have a much clearer picture,with more vivid color.

6.Size:LED poster screen size are flexible,we can manufacture the size according to the clients' need.

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Applications

Soft module / LED curtain / Transparent LED display

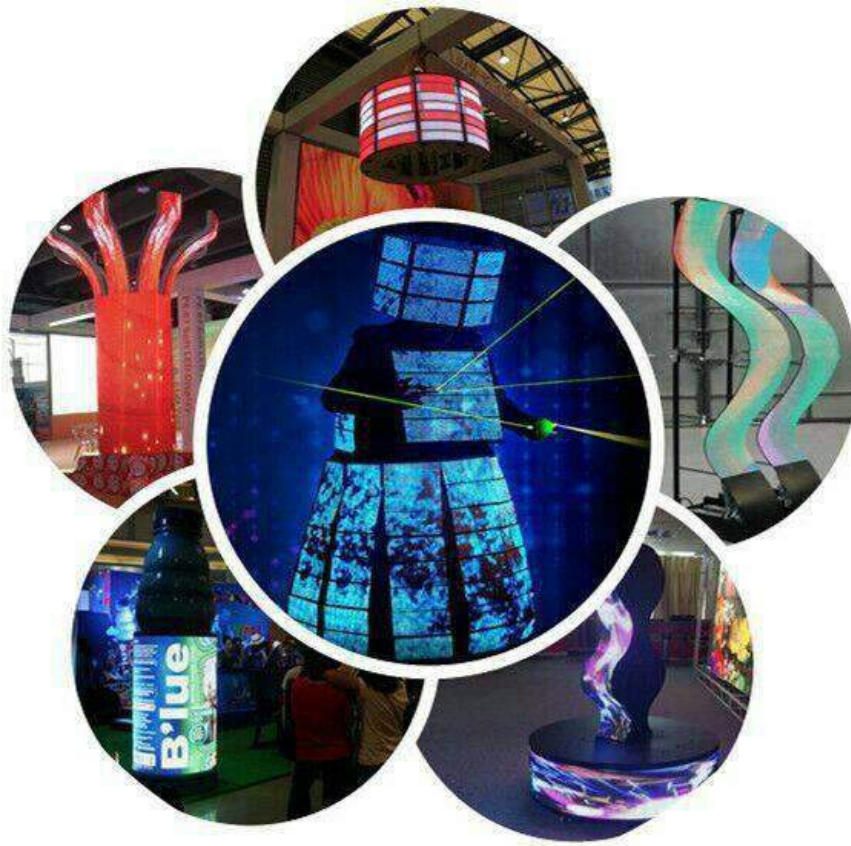# Street Pole LED Display

Pixel pitch : 5mm / 6mm / 8mm / 10mm

Widely used on road, mall stage, high-grade residence district, tourist attractions, 4S stores, hospital entrance and many more outdoor places.light pole led display video advertising media is better than traditional light box advertising media.Street light pole LED Sign screen make a GREAT Visual Impact!

Pole LED Display Specifications

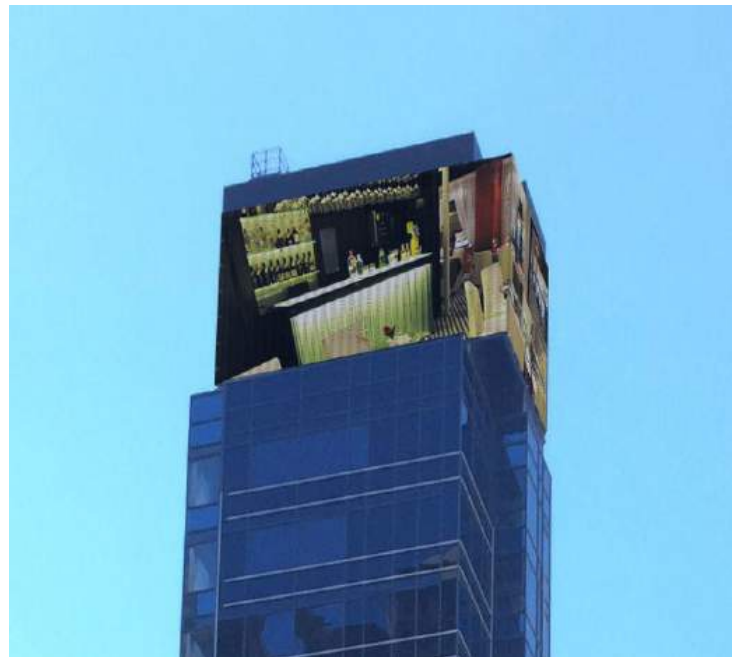| Pixel Pitch	4mm	5mm	6mm	8mm
LED Configuration	SMD2121	SMD2727	SMD3535	SMD3535
Pixel Density	62500dot/m2	40000dot/m2	27778dot/m2	15625dot/m2
Module Size	256x128mm	160x160mm	192x192mm	256x128mm
Module Resolution	64x32dot	32x32dot	32x32dot	32x16dot
Display Size	768x1536mm	800x1600mm	768x1536mm	768x1536mm
Cabinet Weight	55kg	60kg	55kg	55kg
IP Rating (front/back)	IP65	IP65	IP65	IP65
Scanning Mode	16S	16S	8S	8S
Brightness Intensity	≥2000CD/m2	≥5500CD/m2	≥7000CD/m²	≥6500CD/m²
Viewing Angle (H/V)	120°	120°	120°	120°
View Distance	>4m	>5m	>6m	>8m
Max.Power Consumption	720 W/m²	800 W/m²	900 W/m²	1000 W/m²
Ave.Power Consumption	210 W/m²	280 W/m²	300 W/m²	400 W/m²
Refresh Frequency	≥960HZ	≥960HZ	≥960HZ	≥960HZ
Environmental	Outdoor	Outdoor	Outdoor	Outdoor
Brightness Adjustment	0 - 100 levels adjustable			
Control Mode	Asynchronous system			
Support Input	Composite,S-Vido,Component,VGA,DVI,HDMI,HD_SDI			
Operation Power	AC100 / AC240 50 / 60HZ			
Operating Temperature	- 20ºC~+50ºC			
Operating Humidity	10~90% RH			
Operating Life	100,000hour			

Different shapes

Innovative flexible led display brings limitless possibility to designers and architects.

It is a bendable, ultra-slim, lightweight led technology that frees designers and architects to make their concepts stand out in unlimited installations. AmFlex led screen is low-heat and energy efficient.

Specifications

Specification	P2.5	P4
Pixel Pitch	2.5mm	4mm
Module Resolution	96*48	64*32
Pixel Configuration	1R1G1B (3 in 1)	1R1G1B (3 in 1)
Pixel Density	160000 Dots/M2	62500 Dots/M2
Scan Mode	24S	16S
Refresh Rate	1920Hz	1920Hz
Driving IC	MBI5124	MBI5124
Grey Level	14 Bits	14 Bits
Module Size	240*120mm	256*128mm
Brightness	500cd/M2	1500cd/M2
Life Span	50.000H	50.000H
Working Temperature	-20- +60ºC	-20- +60ºC
Working Humidity	10%-95%RH	10%-95%RH
Warranty	2year	2year

Curtain LED display

Pixel pitch : 15.625mm / 31.25mm

Specifications

Product model	CP15	CP31.25	CP20	CP25
Pixel composition	DIP346	DIP346	DIP346	DIP346
Resolution （dot/㎡）	4096	1024	2500	1600
Horizontal spacing(mm)	15.625	31.25	20	25
Vertical spacing(mm)	15.625	31.25	20	25
Unit size(mm)	500(W) x 1000(H)			
Unit dots	2048	512	1800	1152
Pixel per Unit(dots)	32(W)x64(H)	16(W)x32(H)	30(W)x60(H)	24(W)x48(H)
Brightness （CD/㎡）	≥8500cd	≥6000cd	≥7500cd	≥6500cd
The best viewing distance （M）	15-300	30-600	20-300	25-300
Max Consumption （W/㎡）	480	350	400	350
Average power consumption （W/㎡）	145	105	120	105
Unit Weight (kg/pcs)	9.0	7.0	10.0	9.0
Unit thickness (cm)	6.8	6.8	7	7
Installation thickness (cm)	11.8	11.8	11.8	11.8
Strips materials	6061 Stretch aluminu			
Transparent Rate(%)	40%	45%	50%	55%
Refresh(HZ)	≥2000	≥2000	≥2000	≥2000
Pixel uncontrol rate	＜1/10000	＜1/10000	＜1/10000	＜1/10000
control mode	Synchronous mapping			
Driving device	MBI 16 bit serial			
Drive mode	Constant current,static			
IP rating (Front and Rear)	Double-side IP67			
MTBF	≥5000H			
Maintenance mode	Front side and Back side			

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Transparent LED display

Pixel pitch : 5mm / 7.5 / 10mm

Create Value, Display Infinity

Thank You!

Your dream, We display