

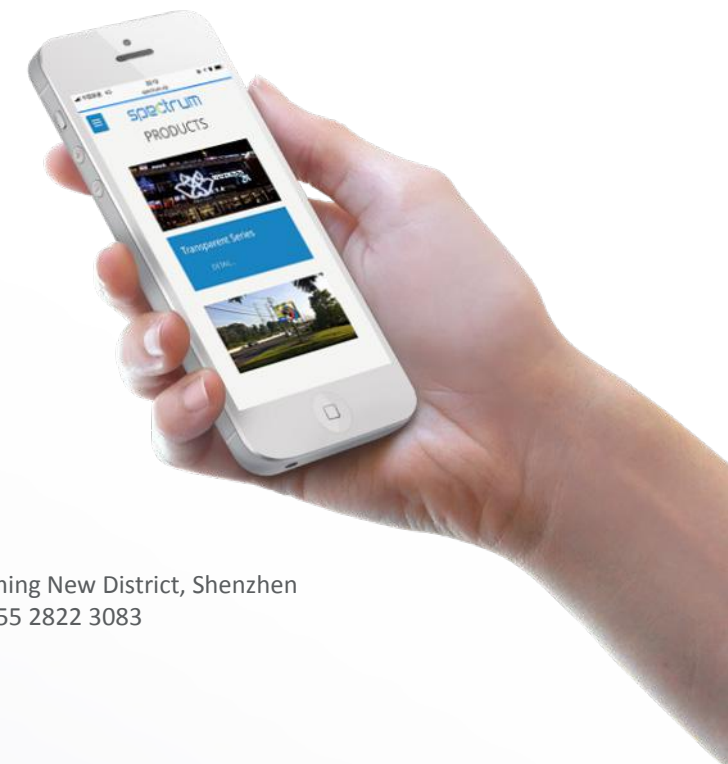
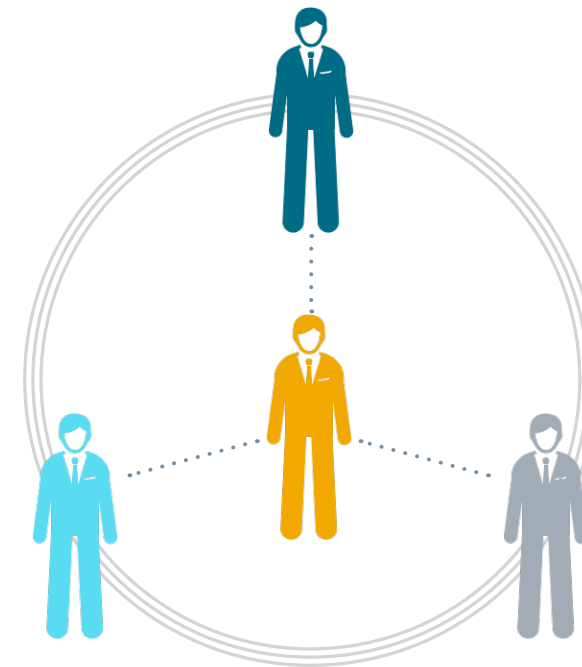
spectrum  
EXPLORE LED

[www.spectrum.vip](http://www.spectrum.vip)  
[www.spectrum-sz.com](http://www.spectrum-sz.com)

# CATALOG

▲ STV Series	3
▲ Magicube Series	7
▲ TV Series	11
▲ E-poster Series	13
▲ Transparent Series	17
▲ Dance Floor Series	21
▲ Indoor Classic Rental Series	25
▲ Indoor Fix Front Access Series	29
▲ Outdoor Rental Series	33
▲ Outdoor SMD Series	37
▲ Outdoor DIP Series	39
▲ COB Shelf Series	43
▲ Flexible Series	45
▲ Advertising Solutions	49

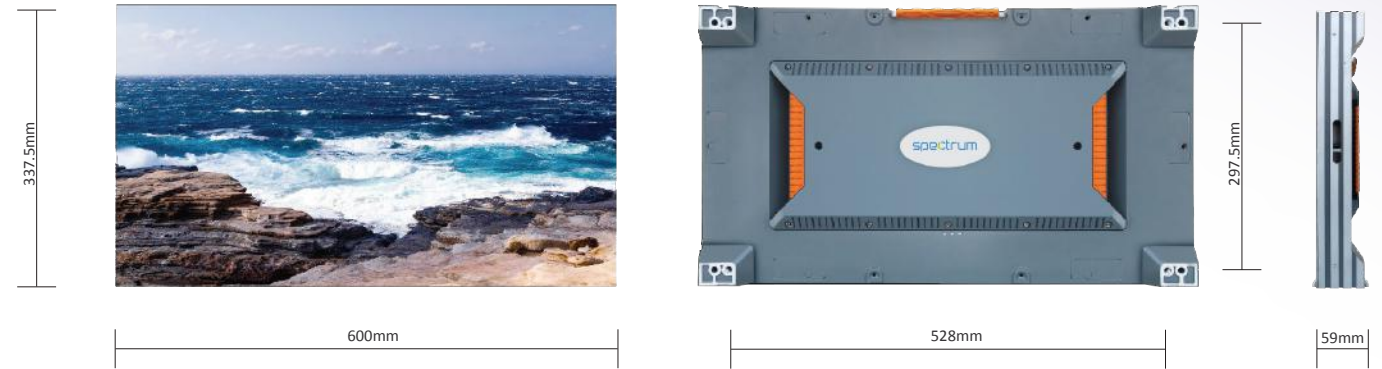
## Professional Service



## Contact Us:

Add.: E Building, Lihao Aoda Technology Park, Guangming New District, Shenzhen  
 E-mail: sales@spectrum-sz.com      Tel. :0086 0755 2822 3083





**APPLICATION**

- Meeting room | Control room | Show room | Shopping mall
- Studio | Theater | Stock trading center | Airport

# STV SERIES

**PRODUCT FEATURES**

- Easy installation without power cable
- High-efficiency cooling
- Low heat and zero noise
- 100% front service
- Super slim integrated design

Parameters	STV Series						
Pixel Pitch	0.9mm	1.2mm	1.4mm	1.5mm	1.6mm	1.8mm	2.5mm
Brightness	500nits (0~1000nits adjustable)						
LED Type	SMD 3 in 1 (black)						
Module Size	150×168.75mm						
Cabinet Size	600×337.5×59mm						
Cabinet Material	Die-casting Aluminum						
Cabinet Weight	7.5kg/per cabinet						
Grey Scale	16384						
Refresh Rate	3,840Hz						
Viewing Angle	170°(H), 170°(V)						
Service ability	100% Front						
Power Consumption	90/40W /per cabinet	85/35W /per cabinet	80/30W /per cabinet	50/20W /per cabinet			
IP Rating	IP 50						

Note: Different configurations will have slight difference accordingly. Please contact Spectrum for details.





### 720P/1080P/4K/8K Combination Matrix

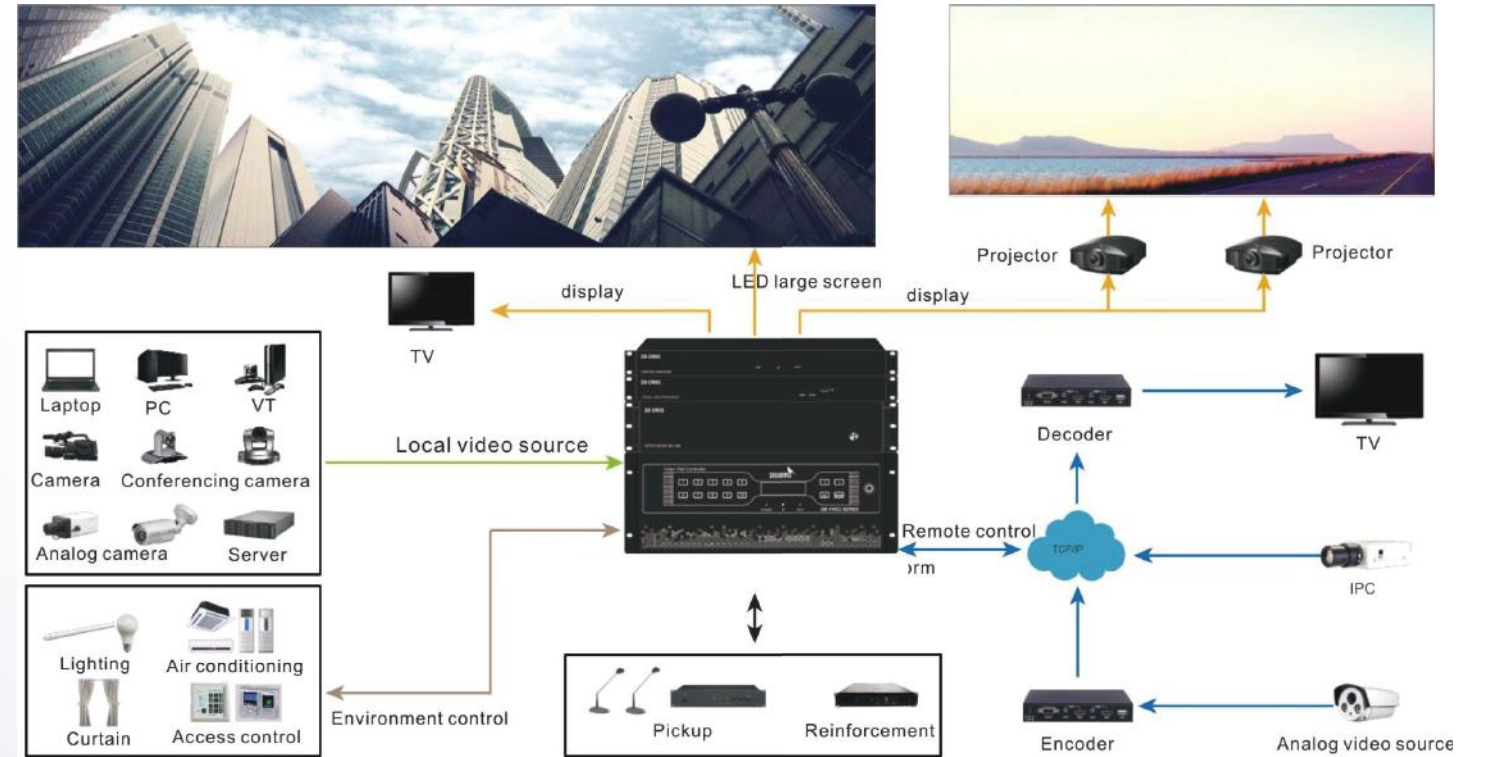
Matrix	1x1	2x2	3x3	4x4	5x5	6x6	7x7	8x8	9x9	10x10	11x11	12x12
0.9mm	640x360	1280x720	1920x1080	2560x1440	3200x1800	3840x2160	4480x2520	5120x2880	5760x3240	6400x3600	7040x3960	7680x4320
1.2mm	480x270	940x540	1440x810	1920x1080	2400x1350	2880x1620	3360x1890	3840x2160	4320x2430	4800x2700	5280x2970	5760x3240
1.5mm	384x216	768x432	1152x648	1536x864	1920x1080	2304x1296	2688x1512	3072x1728	3456x1944	3840x2160	4224x2376	4608x2592
1.9mm	320x180	640x360	960x540	1280x720	1600x900	1920x1080	2240x1260	2560x1440	2880x1620	3200x1800	3520x1980	3840x2160
13.44ft												
12.32ft												
11.20ft												
10.08ft												
8.96ft												
7.84ft												
6.72ft												
5.60ft												
4.48ft												
3.36ft												
2.24ft												
1.12ft												
	1.99ft	3.98ft	5.97ft	7.96ft	9.95ft	11.94ft	13.93ft	15.92ft	17.91ft	19.90ft	21.89ft	23.88ft

SD: 1280x720

HD: 1920x1080

4K: 3840x2160

8K: 7680x4320



# STV SERIES

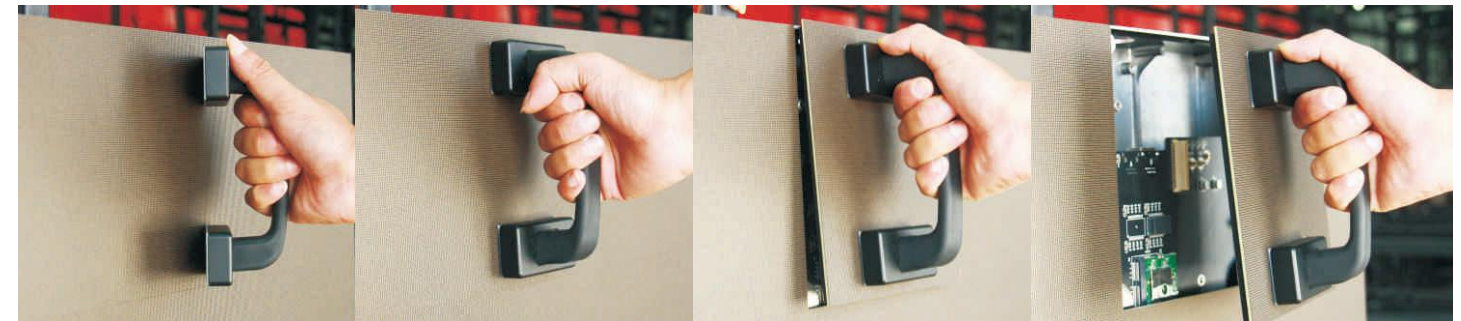
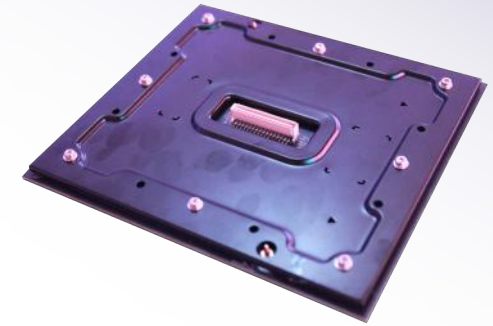
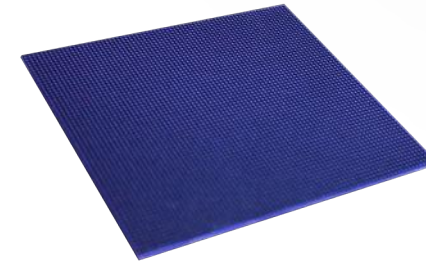


# MAGICUBE SERIES



## PRODUCT FEATURES

- Wireless connection, hot plug support
- Completely front maintenance
- Ultra-thin Mounting
- IP 65 level rear protection & clean routing
- Professional image with high refresh rate
- Low brightness & high grey scale
- Redundant Power supply & signal backup
- Patented anti-moire musk technology



Parameters	Magicube Series											
Pixel Pitch	1.0mm	1.2mm	1.3mm	1.4mm	1.5mm	1.6mm	1.8mm	2.0mm	2.2mm	2.5mm	2.9mm	4.0mm
Pixel Density	1,000,000	640,000	562,520	473,630	406,820	360,000	283,350	250,000	202,900	160,000	118,400	62,500
Cabinet Resolution	640×360	512×288	480×270	440×248	404×232	384×216	340×192	320×180	288×162	256×144	220×124	160×90
Cabinet Size	640×360×58mm											
LED Type	SMD0606, SMD0808, SMD1010, SMD1515, SMD2121											
Pixels Calibration	Standard color and brightness calibration											
Brightness	100cd~1,200cd/sqm											
Grey Scale	12~16bit											
Color Temp.	2,500K~10,000K											
Drive Mode	Constant Current											
Frame Frequency	50/60Hz, 120Hz											
Refresh Rate	Standard Refresh Rate: ≤1,920, High Refresh: ≤3,840											
Working Voltage	AC:110V~240V, 50/60Hz											
Power Consumption	Average: 50~80W; Peak:130~180W											
Lifetime(hours)	100,000h											
Operating Temp.	-20°C~60°C											
Storage Temp.	-25°C~60°C											
Humidity Range	10%~70%, Non-condensing											
Cabinet Weight	7.4kg/per cabinet											





# MAGICUBE SERIES

## APPLICATION

Meeting room | Control room | Show room | Shopping mall  
 Studio | Theater | Stock trading center | Airport

## HD/2K/4K Combination Matrix

Cabinet Matrix	1x1	2x2	3x3	4x4	5x5	6x6	7x7	8x8
6310	640x360	1280x720	1920x1080	2560x1440	3200x1800	3840x2160	4480x2520	5120x2880
6312	512x288	1024x576	1536x864	2048x1152	2560x1440	3072x1952	3584x2240	4096x2528
6313	480x270	960x540	1440x810	1920x1080	2400x1350	2880x1620	3360x1890	3840x2160
6314	440x248	880x496	1320x744	1760x992	2200x1240	2640x1488	3080x1736	3520x1984
6315	412x232	824x464	1236x696	1648x928	2060x1160	2472x1392	2884x1624	3296x1856
6316	384x216	768x432	1152x648	1536x864	1920x1080	2304x1296	2688x1512	3072x1728
6318	340x192	680x384	1020x576	1360x768	1700x960	2040x1152	2380x1344	2720x1536
6320	320x180	640x360	960x540	1280x720	1600x900	1920x1080	2240x1260	2560x1440
6322	288x162	576x324	864x486	1152x648	1440x810	1720x972	2016x1134	2304x1296
6325	256x144	512x288	768x432	1024x576	1280x720	1536x864	1792x1008	2048x1152
6329	220x124	440x248	660x372	880x496	1100x620	1320x744	1540x868	1760x992
6340	160x90	320x180	480x270	640x360	800x450	960x540	1120x630	1280x720
9.45ft/2.88m								
8.28ft/2.52m								
7.09ft/2.16m								
5.91ft/1.80m								
4.72ft/1.44m								
3.54ft/1.08m								
2.36ft/0.72m								
1.18ft/0.36m								
	2.1ft/6.4m	4.2ft/1.28m	6.3ft/1.92m	8.4ft/2.56m	10.5ft/3.20m	12.6ft/3.84m	14.7ft/4.48m	16.8ft/5.12m

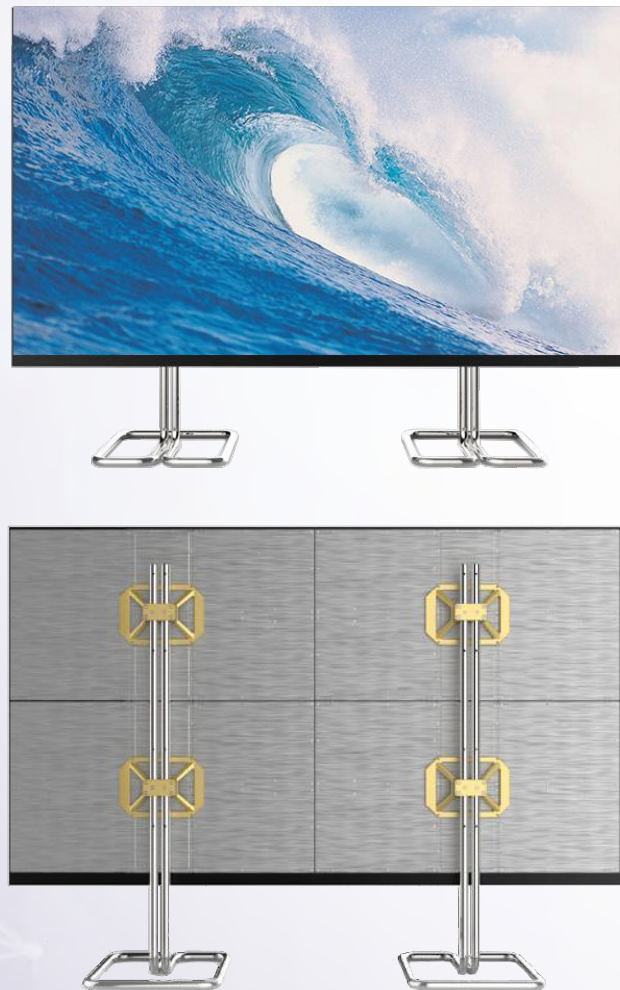
HD: 1920x1080

2K: 2560x1440

4K: 3840x2160



# TV SERIES



## PRODUCT FEATURES

- Low brightness and high grey scale that can show more than 14 bits grey scale under 300nits brightness;
- 5000:1 high contrast ratio and 16.7M high color reproduction;
- Redundancy design, back-up power and signal;
- Die-casting Aluminum, easy heat radiation, light weight and high precision;
- Front maintenance;
- Silent without fans.

## APPLICATION

Meeting room | Control room | Show room | Shopping mall  
 Studio | Theater | Museum | Airport



Parameters	TV Series	
Pixel Pitch	1.0mm	1.2mm
LED Type	SMD0606	SMD0808
Cabinet Resolution	640×360	
Cabinet Size	640×360×58mm	
Pixels Calibration	Standard color and brightness calibration	
Brightness	100cd~1,200cd/sqm	
Grey Scale	12~16bit	
Color Temp.	2,500K~10,000K	
Drive Mode	Constant Current	
Frame Frequency	50/60Hz, 120Hz	
Refresh Rate	Standard Refresh Rate: ≤1,920, High Refresh: ≤3,840	
Working Voltage	AC:110V~240V, 50/60Hz	
Power Consumption	Average: 50~80W; Peak:130~180W	
Lifetime(hours)	100,000h	
Operating Temp.	-20°C~60°C	
Storage Temp.	-25°C~60°C	
Humidity Range	10%~90%, Non-condensing	
Cabinet Weight	7.4kg/per cabinet	

## RECOMMEND SOLUTIONS

SD: P1.0 2×2 1280×720

HD: P1.0 3×3 1920×1080

HD: P1.2 4×4 1920×1080





Vertical



Landscape

# E-POSTER SERIES

### APPLICATION

- |                  |  |               |  |         |  |           |
|------------------|--|---------------|--|---------|--|-----------|
| Office           |  | Shopping mall |  | Hotel   |  | Museum    |
| Convenient Store |  | Theater       |  | 4s shop |  | Show room |

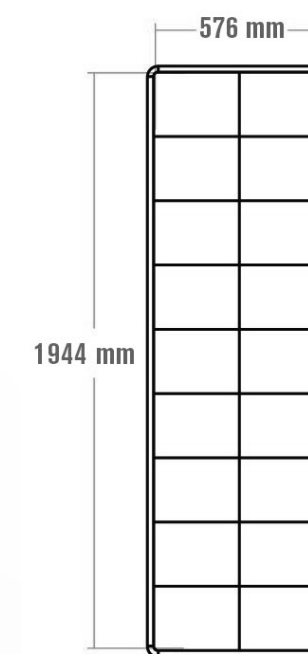
Type A:



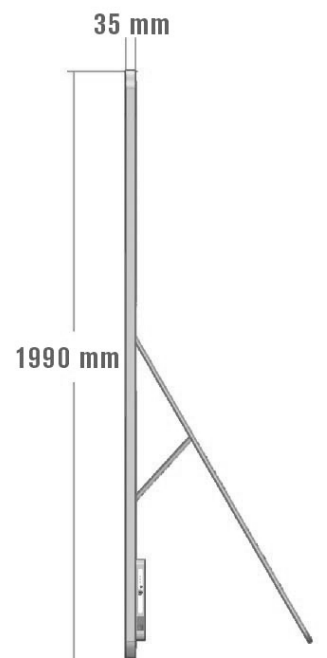
Wall-mounted



Type B:



Front View



Side View





# E-POSTER SERIES

## PRODUCT FEATURES

- High versatility for every space
- Configurations can be customized
- More outer frame colour to choose
- Indoor & Fixed & Rental

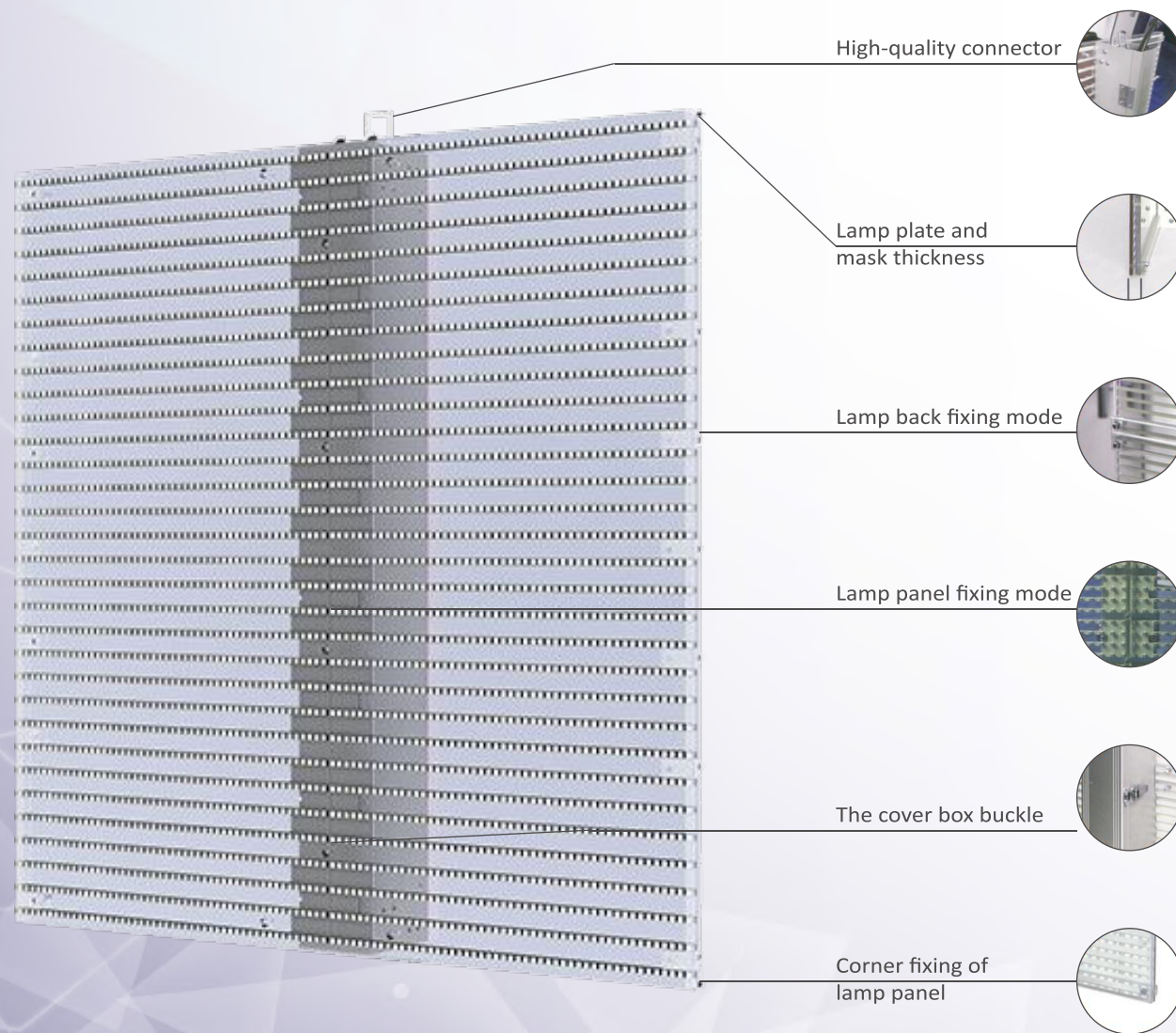
## PRODUCT INTRODUCTION

E-poster series are smart, sleek and simple, widely used in varied fields. It has hot swappable front access module and cableless connection. And the intelligent content monitoring & management is able to create the awesome image. Our 2.5mm pixel pitch display is truly seamless and the absence of distracting bezels empowers you to exploit your impactful signage content. Besides, it's easy to upgrade to smaller pixel pitch in future.

Parameters	E-poster Series
Pixel Pitch	2.571mm
Modul Size	288x216
Display Resolution	224x756
LED Configuration	SMD 3 in 1
Pixel Density	169,344pixels/panel
Display Dimension ( WxHxD )	576x1,944x35 mm
Panel Material	Aluminum
Outer Frame Colours	7
Weight	35kg
Brightness	≥1,200cd/m <sup>2</sup>
Drive Mode	1/28 scan
Viewing Angle	160° (H) / 160° (V)
Display color	281Trillion
Processing Depth	16bits
Refresh Rate	>3840Hz
Contrast Ratio	3,000 : 1
Operation Power	AC110~240V, 50/60Hz
Max. Power Consumption	600W/panel
Ave. Power Consumption	240W/panel
Display Mode	Asynchronous / Synchronous System
Signal Output	HDMI
Connection Type	Ethernet / WIFI
Support VGA Mode	224x756
Support Video Files	MPEG / H.264
Operating Temperature	-20°C to +40°C
Operating Life	≥100,000hours
Certificate	CE



# TRANSPARENT SERIES

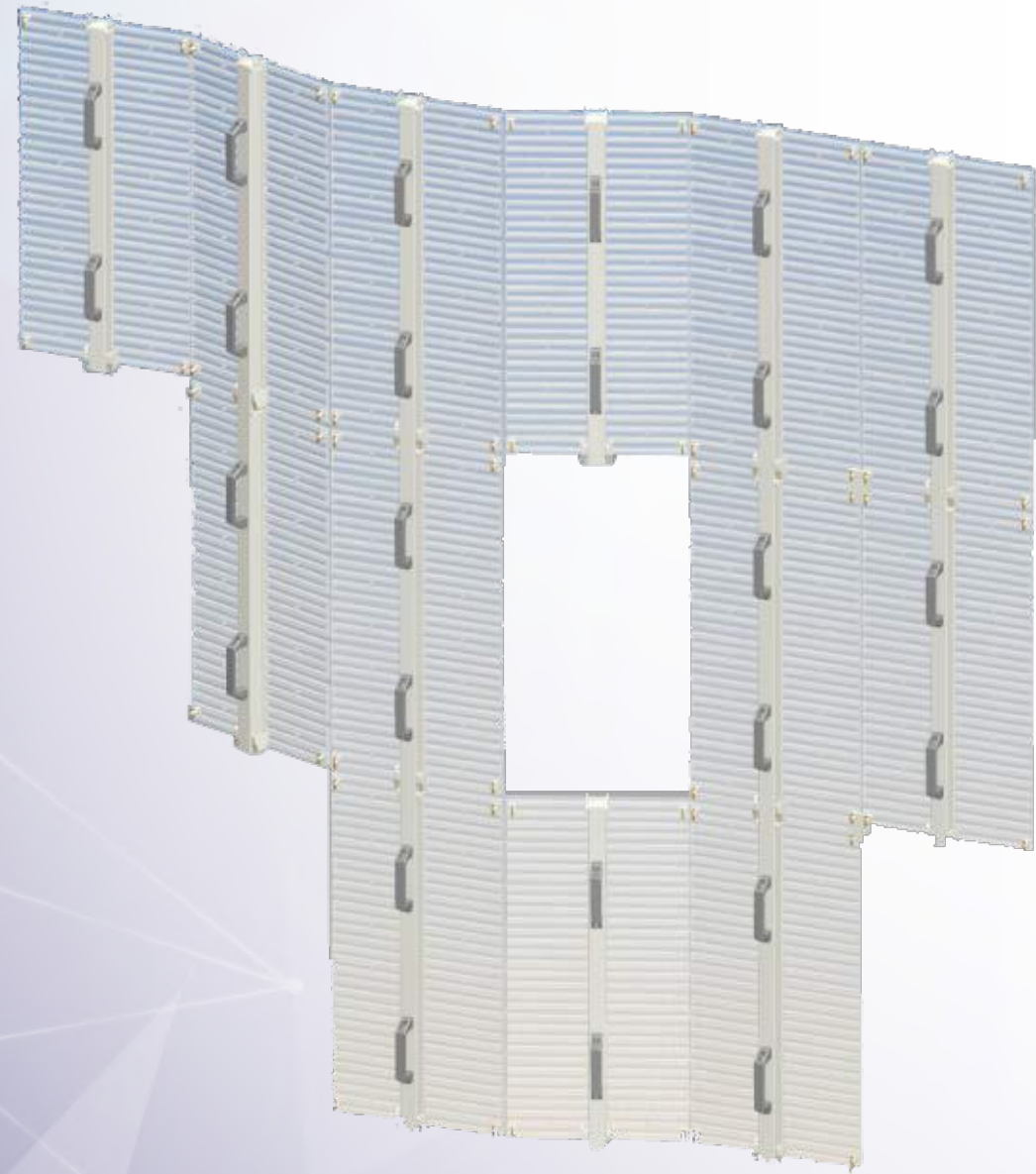


## PRODUCT INTRODUCTION

Transparent series is a set of high transparency and perspective display screens with resolution and excellent video quality. It adopts die-casting aluminum cabinet, with features of high strength, high density, high definition, extreme thin, super light-weight, easy and quick installation, perfect for rental application. It could be pasted directly on the glass wall to display advertisements and building decoration.

Model	Transparent Series				
Pixel pitch	3.9/7.8mm	5.2/10.4mm	10.416mm	12.5mm	15.625mm
LED configuration	SMD2121	SMD3528/3030	SMD3528/3535	SMD3528/3535	SMD3535
Pixel density	32,768dot/m <sup>2</sup>	18,432dot/m <sup>2</sup>	9,216dot/m <sup>2</sup>	6,400dot/m <sup>2</sup>	4,096dot/m <sup>2</sup>
Module size	250×62.48mm	250×83.36mm	250×41.66mm	250×50mm	250×62.5mm
Brightness	800~1,000CD/m <sup>2</sup>	900~1,200CD/m <sup>2</sup> 3,000~3,200CD/m <sup>2</sup>	900~1,200CD/m <sup>2</sup> 3,000~3,200CD/m <sup>2</sup>	800~1,000CD/m <sup>2</sup> 3,000~3,200CD/m <sup>2</sup>	3,500~4,200CD/m <sup>2</sup>
Max. power consumption	400W/m <sup>2</sup>	400-600W/m <sup>2</sup>	400-600W/m <sup>2</sup>	400-600W/m <sup>2</sup>	600W/m <sup>2</sup>
Ave. power consumption	150W/m <sup>2</sup>	150-240W/m <sup>2</sup>	150-240W/m <sup>2</sup>	150-240W/m <sup>2</sup>	240W/m <sup>2</sup>
Cabinet dimension	500mm × 500mm × 93mm/500mm × 1,000mm × 93mm				
Cabinet weight	5kg/10kg				
Refresh rate	≥1,920Hz				
IP rating	IP30				
Operating power	AC110~240V, 50~60Hz				
Display lifetime	≥100,000h				





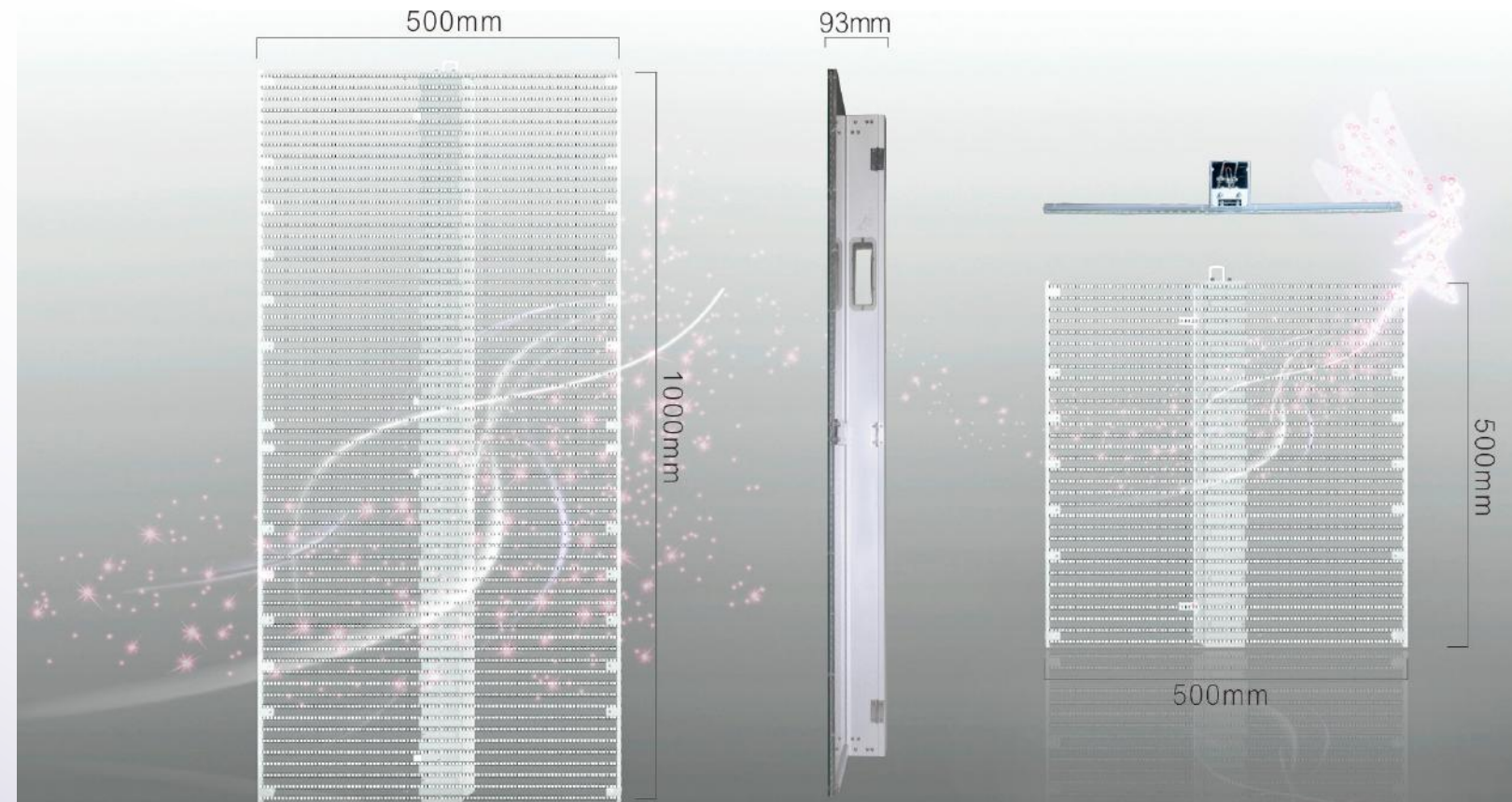
# TRANSPARENT SERIES

## PRODUCT FEATURES

- 60% transparency, backside visible.
- Light-weight, individually remove and replaceable.
- Quick & easy installation. Fast lock design, can fix and remove screen quickly and easily.
- Fantastic appearance. All power supplies and receiving cards are built into the panel, easy cable connection.
- New! • Waterproof panel

### APPLICATION

Bar		Shopping mall		Public community		Museum
Restaurant		Stage		4s shop		Show room







### PRODUCT INTRODUCTION

Dance floor series are widely used in variety files. It takes very sturdy aluminum alloy and strong mask and can be trampled directly. Modularized design makes it's easy to setup and take down. iMagic is the perfect solution for concert, exhibition, nightclub, bar, disco and shopping mall.

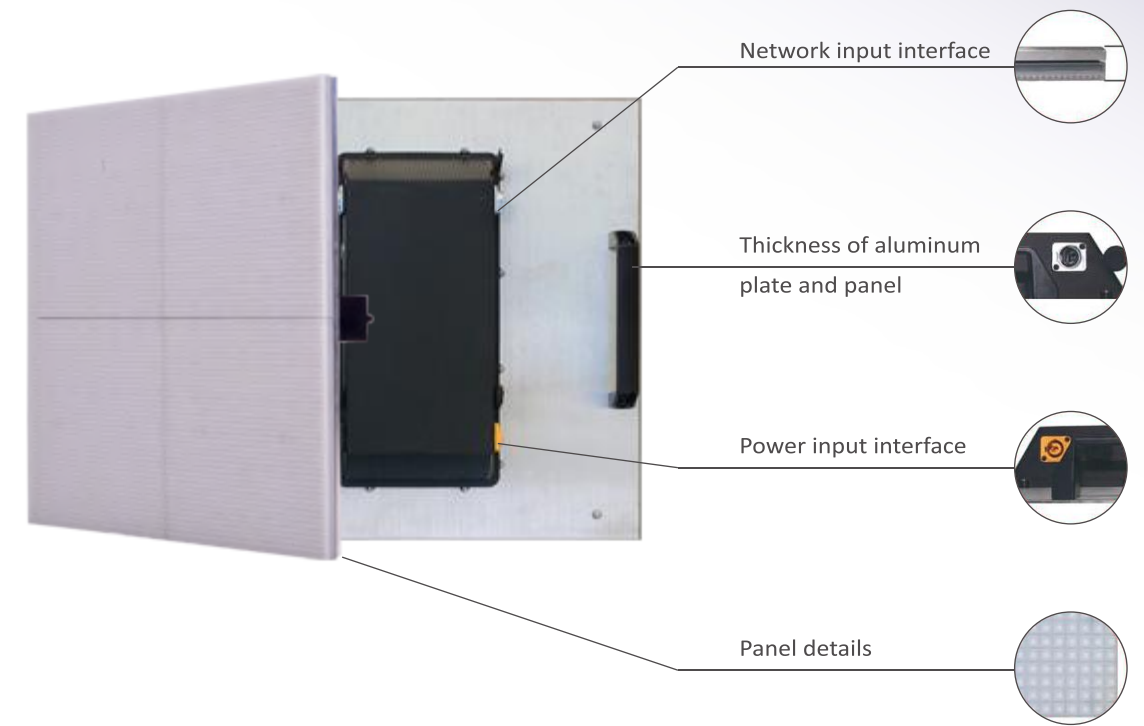
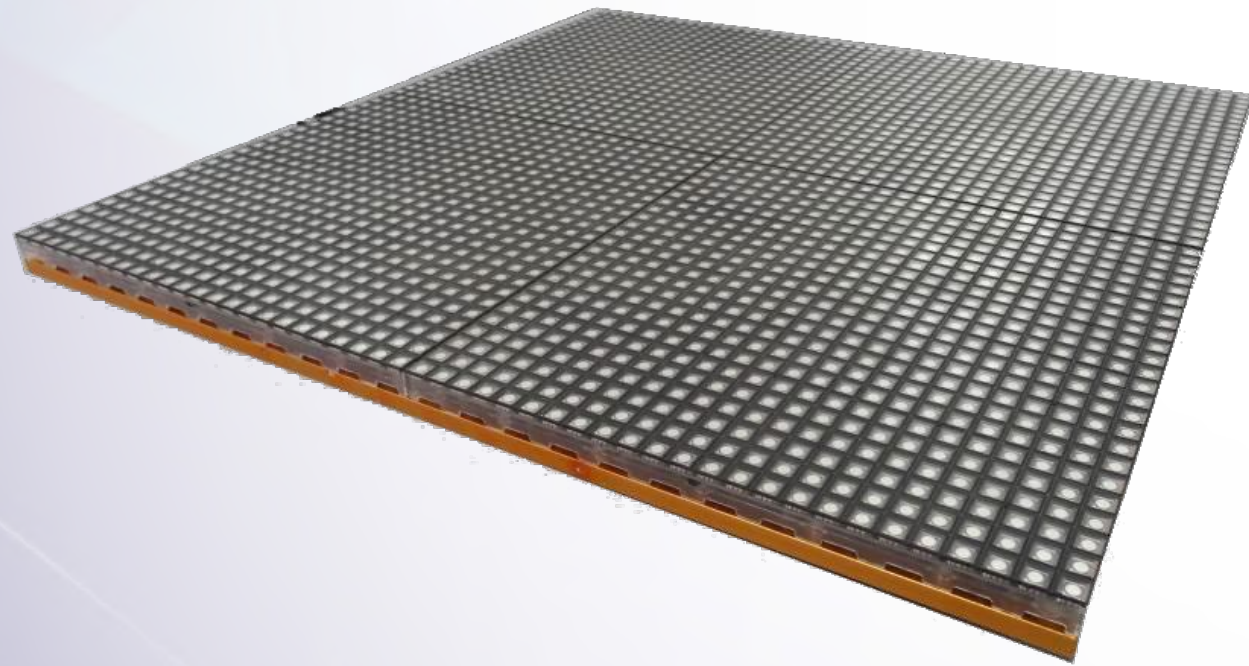
# DANCE FLOOR SERIES

## APPLICATION

Building		Shopping mall		Hotel		Museum
Bar		Stage		4s shop		Show room

Model	Dance Floor Series	
Pixel pitch	6.25mm	8.9286mm
LED configuration	SMD2727	SMD3535
Pixel density	25,600dot/m <sup>2</sup>	12,544dot/m <sup>2</sup>
Module size	250×250mm	
Cabinet dimension	500mm×500mm×75mm	
Cabinet weight	11.5kg/panel	
Brightness	3,000~3,500CD/m <sup>2</sup>	
Max. power consumption	600W/m <sup>2</sup>	
Ave. power consumption	240W/m <sup>2</sup>	
Refresh rate	≥ 1,920Hz	
IP rating (front/back)	IP65 front, IP43 rear	
Operating power	AC110~240V, 50/60Hz	
Display lifetime	≥ 100,000h	

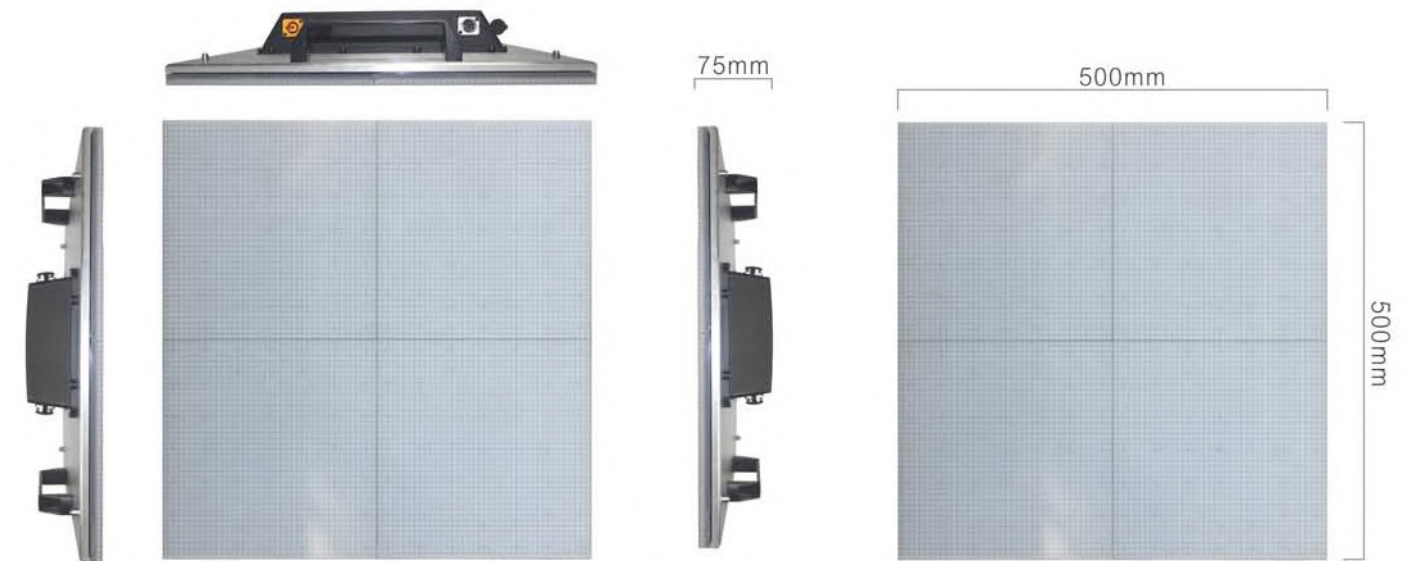




# DANCE FLOOR SERIES

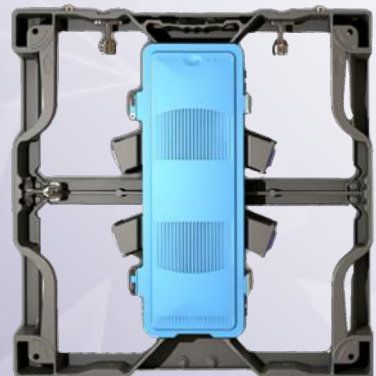
## PRODUCT FEATURES

- Strong bearing: 1000KG/m<sup>2</sup> high loading support.
- Easy maintenance: No need to disassemble the cabinets nearby when changing a cabinet.
- IP65/43: Anti-water, Anti-drinks spill.
- High contrast ratio: Patented mask design makes clear images.
- Excellent cooling design: Professional cooling system, ensure a perfect heat dissipation.
- Multi-touch function <sup>New!</sup>





# INDOOR CLASSIC RENTAL SERIES



## PRODUCT FEATURES

- High contrast & High gray scale & High color uniformity
- Quick install and remove & Hanging and stacking possible & Die-casting aluminum system
- Light weight & Low power consumption & Noiseless power supply



## APPLICATION

Train station		Shopping mall		Hotel		Museum
Airport		Stage		4s shop		Show room

Parameters	Indoor Classic Rental Series	
Pixel pitch	3.91mm	4.81mm
LED type	SMD2020	SMD2020
Pixel density	65,536pixel/m <sup>2</sup>	43,264pixel/m <sup>2</sup>
Cabinet resolution	128x128dots/128x256dots	104x104dots/104x208dots
Cabinet dimension	500mm×500mm×93mm/500mm×1,000mm×93mm	
Brightness	≥1,200CD/m <sup>2</sup>	≥1,000CD/m <sup>2</sup>
Driving way	1/16Scan	1/13Scan
Max. power consumption	600W/m <sup>2</sup>	600W/m <sup>2</sup>
Ave. power consumption	180W/m <sup>2</sup>	180W/m <sup>2</sup>
Cabinet material	Die-casting aluminum	
Cabinet weight	7kg/13kg	
Gray scale	65,536	
Refresh rate	≥3,840Hz	
IP rating	IP30	
Operating temperature	-20°C~40°C	
Operating Power	AC110~240V, 50~60Hz	
Display lifetime	≥100,000h	





**PROJECT**

Pitch: 4.81mm  
Cabinet size: 500mmx500mm  
Screen width: 9m  
Screen height: 5m

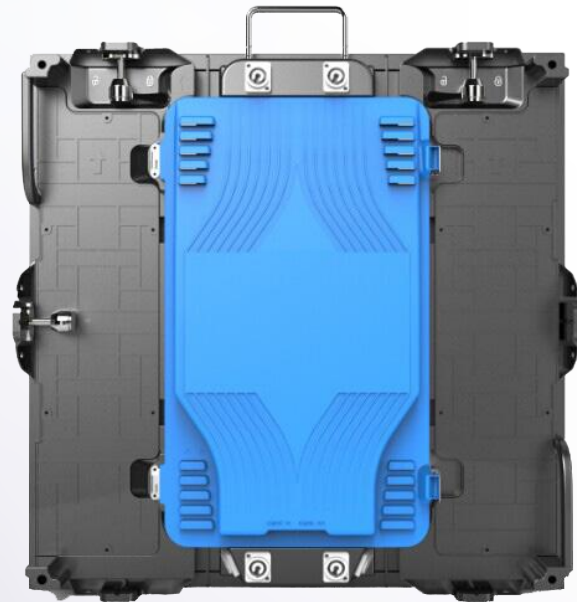
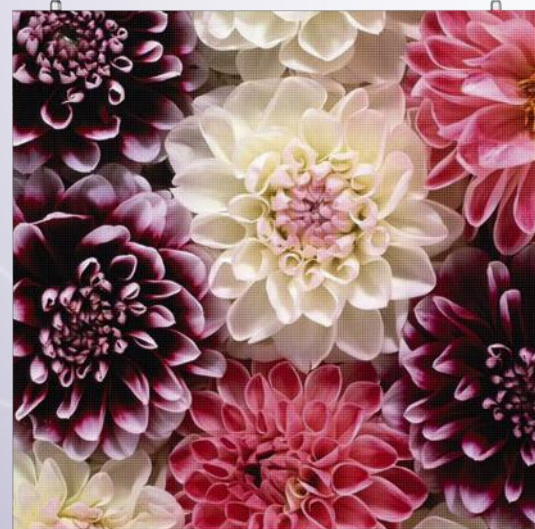
**PROJECT LOCATION**

HARRIS HOTEL, SURABAYA, INDONESIA. FINISHED IN JUNE 2015.

# INDOOR CLASSIC RENTAL SERIES



# INDOOR FIX FRONT ACCESS SERIES



## PRODUCT FEATURES

- Best viewing angle and high light transmittance
- Wonderful uniformity, good color mixture, and high brightness
- Rigid and smart slim cabinet design
- Effective and uniform heat dissipation
- Reliable connector



## APPLICATION

Building | Shopping mall | Hotel | Museum  
 Airport | Stage | 4s shop | Show room

Parameters	Indoor Fix Front Access Series				
	2.5mm	3mm	4mm	5mm	6mm
Physical pixel pitch	2.5mm	3mm	4mm	5mm	6mm
Pixel density	160,000pixel/m <sup>2</sup>	111,111pixel/m <sup>2</sup>	62,500pixel/m <sup>2</sup>	40,000pixel/m <sup>2</sup>	27,777pixel/m <sup>2</sup>
LED type	SMD2020	SMD2020	SMD2020	SMD2020	SMD3528
Module dimension	160mm×160mm	192mm×192mm	256mm×128mm	320mm×160mm	192mm×192mm
Module resolution	64x64dots	64x64dots	64x32dots	32x32dots	32x32dots
Best viewing distance	2.5-15m	3-18m	4-24m	5-30m	6-36m
Viewing angle(H/V)	160°/ 160°				
Brightness	>1,000nit				
Gray scale	16bit				
Colors	281T				
Refresh rate	≥3,840Hz				
Contrast ratio	4,000:1				
Max. power consumption	800W/m <sup>2</sup>	800W/m <sup>2</sup>	750W/m <sup>2</sup>	610W/m <sup>2</sup>	425W/m <sup>2</sup>
Ave. power consumption	240W/m <sup>2</sup>	240W/m <sup>2</sup>	225W/m <sup>2</sup>	205W/m <sup>2</sup>	140W/m <sup>2</sup>
Driving way	1/32Scan	1/16Scan	1/16Scan	1/16Scan	1/16Scan
Cabinet dimension	Customized				
Operating temperature	-20°C~40°C				
Operating humidity	10%~60%				
Ingress protection level	IP31				
Input voltage	AC90-240V				
Display lifetime	≥100,000h				





**PROJECT**

Pitch: 3mm  
Cabinet size: 576mmx576mm  
Screen width: 14.4m  
Screen height: 7.488m

**PROJECT LOCATION**

SOLO CHURCH, SOLO CITY, INDONESIA. FINISHED IN AUGUST 2015.

# INDOOR FIX FRONT ACCESS SERIES



# ADVERTISING OUTDOOR RENTAL SERIES



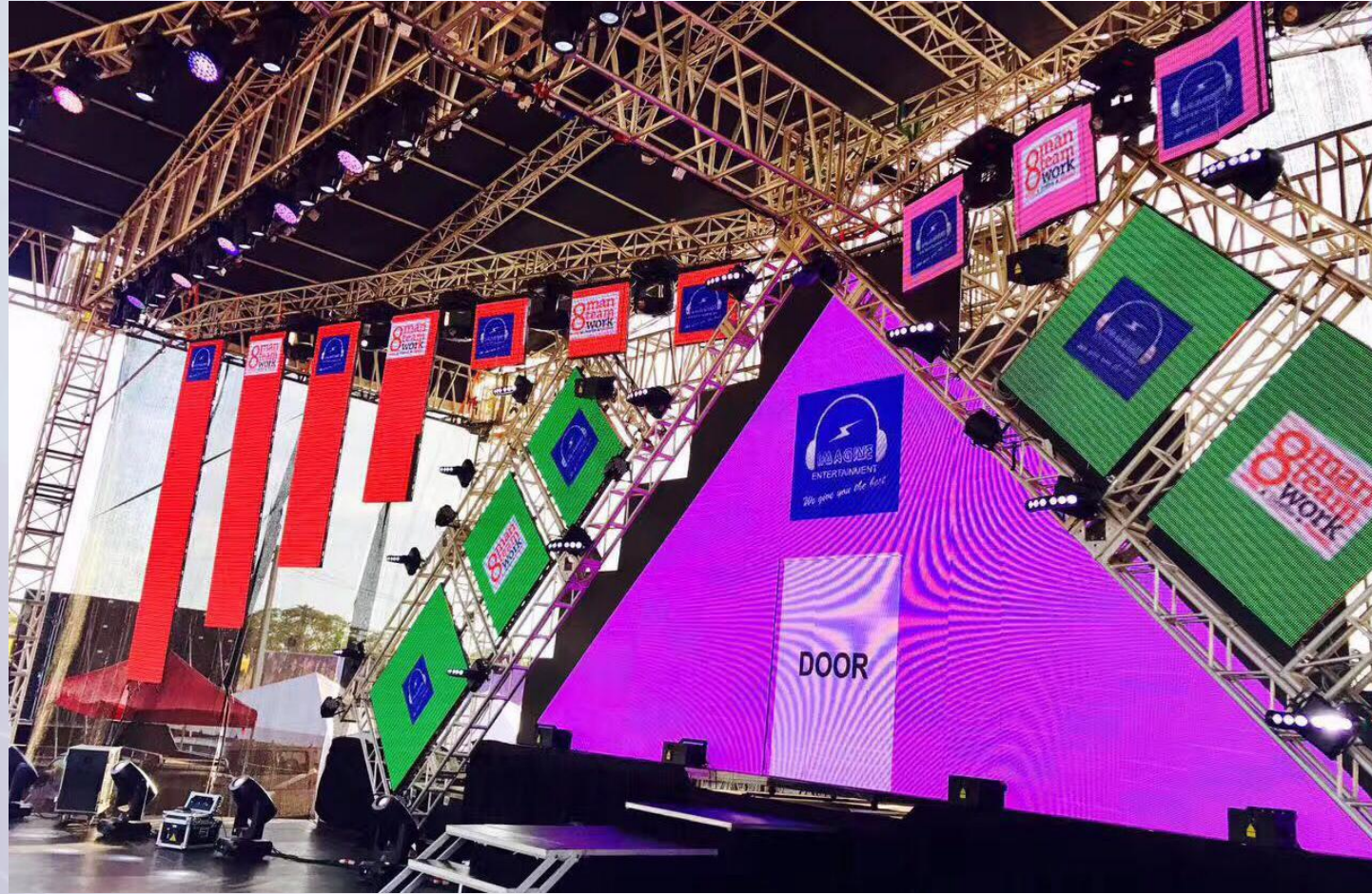
## PRODUCT FEATURES

- High contrast & High gray scale & High color uniformity
- Quick install and remove & Hanging and stacking possible & Die-casting aluminum system
- Light weight & Low power consumption & Noiseless power supply



Parameters	Advertising Outdoor Rental Series	
Pixel pitch	3.91mm	4.81mm
Pixel density	65,536 pixel/m <sup>2</sup>	43,264 pixel/m <sup>2</sup>
Pixel configuration	SMD2525	SMD2727
Best viewing distance	>4m	>5m
Module dimension (WxH)	250mmx250mm	250mmx250mm
Module resolution (WxH)	64x64	52x52
Cabinet dimension (ft)	1.64ftx3.28ft	1.64ftx3.28ft
Cabinet resolution	128x256	104x208
Driving way	1/8 scan	1/13 scan
Cabinet dimension (WxH)	500mm×500mm/500mm×1,000mm	
Cabinet material	Die-casting	
Cabinet weight	33kg/sqm	
Max. power consumption	800W/m <sup>2</sup>	700W/m <sup>2</sup>
Ave. power consumption	240W/m <sup>2</sup>	210W/m <sup>2</sup>
Viewing angle (H/V)	140°/ 140°	
Brightness	≥6,000nit	
Colors	281T	
Gray scale	16bit	
Refresh rate	≥1,920Hz	
Contrast ratio	2,000:1	
Frame rate	60Hz	
Display lifetime at 50% brightness	100,000h	
Display lifetime at full white	50,000h	
Input voltage	AC90-240V	
Operating ambient temperature	-20~50°C	
Operating ambient humidity	10%~90%	
Ingress protection level	IP65/IP54	





# ADVERTISING OUTDOOR RENTAL SERIES

## APPLICATION

Building | Shopping mall | Museum | Event  
Stadium | Stage | Show room | Concert



# ADVERTISING OUTDOOR SMD SERIES



## PRODUCT FEATURES

- Customized design, stable quality
- High performance, cost effective
- Long lifespan up to 100,000 hours
- Low power consumption, energy saving
- Easy to maintenance and control
- Low operation cost
- Short leading time for fast delivery

## APPLICATION

Building | Stadium | Train station | Shopping mall  
 Highway | School | Airport



Parameters	Advertising Outdoor SMD Series			
	4.81mm	6mm	8mm	10mm
Pixel pitch	4.81mm	6mm	8mm	10mm
Pixel density	43,222 pixel/m <sup>2</sup>	27,777 pixel/m <sup>2</sup>	15,625 pixel/m <sup>2</sup>	10,000 pixel/m <sup>2</sup>
Pixel configuration	SMD2727	SMD3535	SMD3535	SMD3535
Cabinet size(mm)	1000mm X 1000mm	768mm X 768mm	768mm X 768mm	960mm X 960mm
Cabinet size(ft)	3.28ft X 3.28ft	2.52ft X 2.52ft	2.52ft X 2.52ft	3.15ft X 3.15ft
Cabinet area	1m <sup>2</sup>	0.5898m <sup>2</sup>	0.5898m <sup>2</sup>	0.9216m <sup>2</sup>
Cabinet area	10.76sqft	6.35sqft	6.35sqft	9.92sqft
Cabinet resolution	208 x 208	128 x 128	96 x 96	96 x 96
Module dimension (WxH)	250mm x 250mm	192mm x 192mm	256mm x 128mm	320mm x 160mm
Module resolution (WxH)	52 x 52	32 x 32	32 x 16	32 x 16
Brightness	≥6000nit	≥6500nit	≥6000nit	≥6000nit
Best viewing distance	>5m	>6m	>8m	>10m
Contrast ratio	4000:1	4000:1	4000:1	2000:1
Driving way	1/13 scan	1/8 scan	1/4 scan	1/2scan
Max. power consumption	700 W/m <sup>2</sup>	800 W/m <sup>2</sup>	800 W/m <sup>2</sup>	700 W/m <sup>2</sup>
Ave. power consumption	210 W/m <sup>2</sup>	240 W/m <sup>2</sup>	240 W/m <sup>2</sup>	210 W/m <sup>2</sup>
Viewing angle (H/V)	140°/ 140°			
Colors	281T			
Gray scale	16bit			
Refresh rate	>1920Hz			
Display lifetime at 50% brightness	100,000h			
Display lifetime at full white	50,000h			
Input voltage	AC90-240V			
Operating voltage	DC 5V			
Operating ambient temperature	-20~50°C			
Operating ambient humidity	10%~90%			
Cabinet material	Iron			
Cabinet weight	50kg/sqm			
Ingress protection level	IP65/IP54			



# ADVERTISING OUTDOOR DIP SERIES

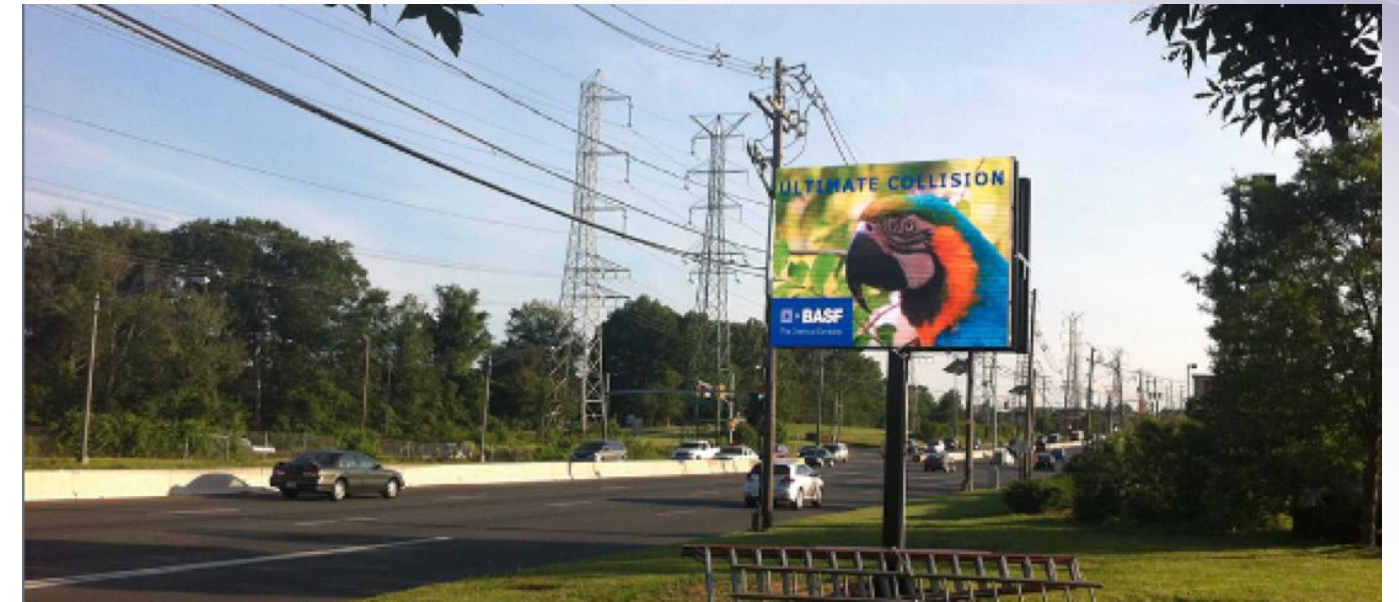


## PRODUCT FEATURES

- Customized design, stable quality
- High performance, cost effective
- Long lifespan up to 100,000 hours
- Low power consumption, energy saving
- Easy to maintenance and control
- Low operation cost
- Short leading time for fast delivery

## APPLICATION

Building | Stadium | Train station | Shopping mall  
 Highway | School | Airport



Model	Advertising Outdoor DIP Series		
Pixel Pitch	10mm	16mm	20mm
Pixel Density	10,000pixel/m <sup>2</sup>	3,906pixel/m <sup>2</sup>	2,500pixel/m <sup>2</sup>
Module Dimension	320×160mm	256×256mm	320×160mm
Module Resolution	32×16dots	16×16dots	16×8dots
Cabinet Dimension	960×960×160mm	1,024×1,024×160mm	960×960×160mm
Cabinet Resolution	96×96dots	64×64dots	48×48dots
Cabinet Area	0.9216m <sup>2</sup>	1.049m <sup>2</sup>	0.9216m <sup>2</sup>
Cabinet Weight	48kg	56kg	48kg
Brightness	8,500nit	11,000nit	7,500nit
Refresh Rate	≥3,840HZ	≥3,840HZ	≥3,840HZ
Max.consumption	550W/m <sup>2</sup>	600W/m <sup>2</sup>	400W/m <sup>2</sup>
Ave.consumption	165W/m <sup>2</sup>	180W/m <sup>2</sup>	120W/m <sup>2</sup>
Drive Method	1/4 scan	Static	Static
Best View Distance	10-100m	16-160m	20-200m
Viewing Angle	140°/70°		
Grey Scale	16bit		
Colors	281T		
Contrast Ratio	3,000:1		
Color Temperature	6500K		
Operating Temperature	-20°C~50°C		
Operating Humidity	10%~90%		
Cabinet Material	Iron		
Ingress Protection Level	Front: IP65 Rear: IP54		
Input Voltage	AC90-240V		
Life Span	≥100,000 H		





# ADVERTISING OUTDOOR DIP SERIES

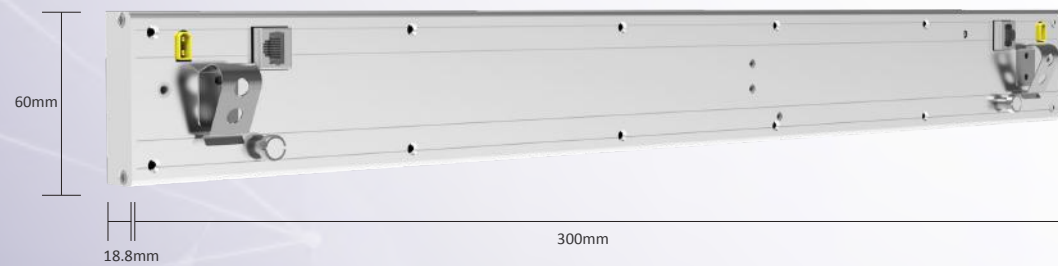
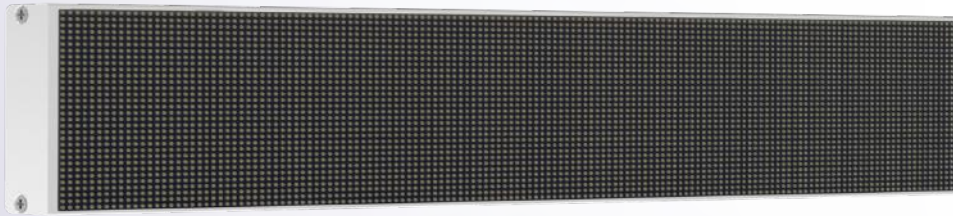
## APPLICATION

- |                  |  |               |  |             |  |          |
|------------------|--|---------------|--|-------------|--|----------|
| Building         |  | Shopping mall |  | Gas station |  | Stadium  |
| Public community |  | Road side     |  | Highway     |  | Landmark |





# COB SHELF SERIES



## PRODUCT FEATURES

- P1.8mm HD COB technology
- Surface touchable, stronger than regular LED
- Anti-moisture, condensating wiped directly
- Anti-dust, easier for cleaning
- 16 bit, high grey scale
- Aluminum frame, light and durable
- Easily and fast installation with magnet and clip design
- Automatically brightness adjust
- Wireless wifi transmission for contents update
- USB connection available for content update

## APPLICATION

Convenient Store | Showroom | Shopping mall



Model	COB Shelf Series	
Pixel Pitch	1.875mm	
Pixel Configuration	COB 3in1	
Resolution Ratio	320×32	160×32
Unit Size	600mm×60mm×18mm	300mm×60mm×18mm
Unit Weight	0.68kg	0.35kg
Max. Power Consumption	20W/module	10W/module
Ave. Power Consumption	8W/module	4W/module
Pixel Density	284,089dots / m <sup>2</sup>	
Brightness Adjustment	256 Level	
Brightness	600nit	
Refresh Rate	≥2,000 Hz	
Grey Scale	16bit	
Contrast Ratio	3,000:1	
Viewing Angle	160°/160°	
Input Voltage	AC100V-240V	
Working Voltage	DC 5V	
Operating Temperature	-10~40°C	
Operating Humidity	10%~90%	
Chassis Material	Aluminum	
Control system	Synchronous	



# FLEXIBLE SERIES



## PRODUCT FEATURES

- Flexible and soft, can be any shape,easy install.
- Silicon mask,good flatness, no color difference.
- Attractive shape, simple to use and come with audio and video system,fantastic showing.
- Perfect signal transfer,support various signal, such as AV, DP, VGA,DVI,HDMI,SDI,etc, high fidelity image playing.
- High refresh rate, support hanging,permanent install and so on.
- A good choice for stage decoration,360degree shooting angle, avoid shooting flashing.



Model	Flexible Series		
	3mm	4mm	5mm
Pixel Pitch	3mm	4mm	5mm
Pixel Density	111,111pixel/m <sup>2</sup>	62,500pixel/m <sup>2</sup>	40,000pixel/m <sup>2</sup>
Pixel Configuration	SMD2020	SMD2020	SMD2020
Brightness	≥1,200cd/m <sup>2</sup>	1,000~1,200cd/m <sup>2</sup>	1,100~1,300cd/m <sup>2</sup>
Refresh Rate	≥3,840HZ	≥1,920Hz	≥1,920Hz
Viewing Angle	(H)160°, (V)160°	(H)140°, (V)140°	(H)140°, (V)140°
Best View Distance	3-100m	4-100m	5-100m
Operation Voltage	AC220V±10%/50Hz	AC220V/50Hz or AC110V/60Hz	AC220V/50Hz or AC110V/60Hz
Max.consumption	900W/m <sup>2</sup>	750W/m <sup>2</sup>	480W/m <sup>2</sup>
Ave.consumption	300W/m <sup>2</sup>	250W/m <sup>2</sup>	160W/m <sup>2</sup>
Module Size	192mm×96mm	256mm×128mm	320mm×160mm
Drive Method	1/16 scan		
Operation Temperature	-20°C~50°C		
Operation Humidity	10%~60%		
MTBF	>10,000h		
Life Span	≥100,000h		





**APPLICATION**

- |          |  |               |  |            |  |           |
|----------|--|---------------|--|------------|--|-----------|
| Building |  | Shopping mall |  | Exhibition |  | Museum    |
| Stadium  |  | Stage         |  | 4s shop    |  | Show room |



# ADVERTISING SOLUTIONS

Whether you're a university, gas station, government, retail shop, hotels or anything in-between, we have the perfect advertising solution for your organization's needs:



## LED SIGNS

LED signs is the perfect solution for shopping mall, highway, building, landmark and etc.



## LED PRICE SIGN

LED price sign is a good choice of showing numbers, it can be put in gas station, highway and so on.



## LIGHT BOX

Light box is widely applied in the shopping mall, road side, convenient store, airport, gas station and so on.



## BILLBOARDS

Billboards are the best choice for highway, shopping mall, building and etc.

