

BAKO 巴科





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深圳市巴科光电科技股份有限公司
SHENZHEN BAKO OPTOELECTRONICS CO.,LTD.

总部：深圳市光明区玉塘街道田寮社区瑞丰光电大厦10楼
Headquarter: Floor 10, Refond Optoelectronics Building, Yutang Sub-district,
Guangming District, Shenzhen, China

苏州制造中心：江苏省苏州市张家港市杨舍镇新东路2号
Factory: East of Xinfeng Road 2, Yangshe Town, Zhangjiagang City, Suzhou, Jiangsu Province

 www.bakoled.cn (CN)
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Creating a New Vision for HD

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深圳市巴科光电科技股份有限公司
SHENZHEN BAKO OPTOELECTRONICS CO., LTD.

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公司简介

Company Profile

深圳市巴科光电科技股份有限公司成立于2008年11月，是一家集LED光电显示产品研发、生产、销售及解决方案于一体的高新技术企业。公司专注于高清显示，高端租赁，创意商显三大业务板块，核心产品包括LED小间距、高端舞台租赁、户外LED广告屏、会议一体机等产品。

2020年4月，公司在苏州市张家港设立了全资子公司“苏州巴科光电科技有限公司”，厂房占地面积约19000平方米，拥有高精端的自动化设备专业生产流水线。

巴科光电产品已通过国家专利认证和ISO、9001:2015、CCC、CE、UL、FCC、ETL、BIS、ROHS等授权证书。产品畅销国内30多个省市，并远销海外100多个国家和地区。

公司将持续打造产业特色，创新经营模式，为成为“新时代可视化一体LED解决方案的引领者”而不懈奋斗。



制造中心：苏州工厂 Suzhou Factory

Shenzhen BAKO Optoelectronics Co., Ltd. was established in November 2008. It is a high-tech enterprise integrating R&D, production, sales and solutions of LED display products. The company focuses on three major business segments: HD display, high-end rental, and creative commercial display. The core products include LED small pitch, high-end stage rental, outdoor LED advertising screen, conference all-in-one display and other products.

In April 2020, the company established a wholly-owned subsidiary "Suzhou BAKO Optoelectronics Technology Co., Ltd." in Suzhou City. The plant covers an area of about 19,000 square meters and has a professional production line of high-end automation equipment.

BAKO products have passed national patent certifications such as ISO9001:2015, CCC, CE, UL, FCC, ETL, BIS, ROHS, and other authorization certificates. The products sell well in more than 30 provinces and cities in China, and are exported to more than 100 countries and regions.

We will continue to create industrial characteristics, innovate business models, and make unremitting efforts to become "the leader of visual integrated LED solutions in the new era".



总部：深圳巴科 Shenzhen Headquarter

发展历程

Development Process



公司荣誉

Company Honors

巴科光电自成立以来，先后获得 国家级高新技术企业、十佳企业、优秀企业、企业信用评价AAA级信用企业、优秀供应商、专精特新中小企业等称号。

LED显示屏产品获得“行业推荐精品”，荣获“德国红点设计大奖”、“iF设计奖”、“创新技术产品”、“十佳LED户外广告及场馆应用屏品牌”等奖项。获得10项软件著作权证书、74项实用新型专利、8项外观设计专利和15项发明专利，6项商标注册证。公司已经通过ISO9001:2015质量管理体系认证、ISO14001:2015环境管理体系认证。LED产品取得了CCC、CE、FCC、ETL、BIS、ROHS等权威认证。

Since its establishment, BAKO has successively won the titles of "National High-tech Enterprise", "Top Ten Enterprise", "Excellent Enterprise", "Enterprise Credit Evaluation AAA level Credit Enterprise", "Excellent Supplier", "the specialized and sophisticated SMEs" and so on.

BAKO's LED display products have won the "industry recommended quality". It has been awarded the "German Red Dot Design Award", "iF Design Award", "Innovative Technology Product", "Top Ten Brands of LED Outdoor Advertising and venue Application Screen" and so on. We have won 10 software copyright certificates, 74 utility model patents, 8 design patents, 15 invention patents, and 6 trademark registration certificates. We have passed ISO9001:2015 Quality management system certification and ISO14001:2015 Environmental management system certification.

Our products have obtained CCC, CE, FCC, ETL, BIS, ROHS, and other authoritative certificates.



钻石四代租赁屏

DIAMOND SERIES V4.0 for stage



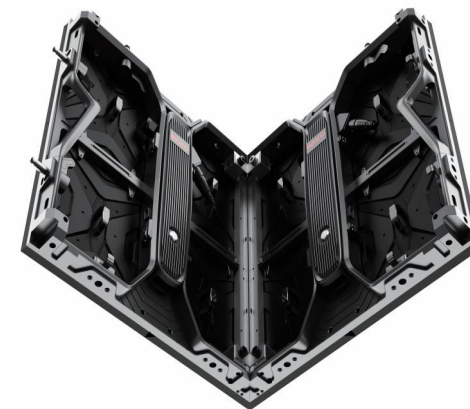
箱体尺寸/Cabinet size: 500x1000mm, 500x500mm

超高清
Ultra HD超轻超薄
Ultra-thin
and Low weight快速安装
Fast
Installation智能散热
Intelligent
heat dissipation无缝拼接
Seamless
connection

- 1、Flash矫正功能，自动存储矫正数据。
- 2、支持90°直角，无缝衔接，完美呈现视觉效果。
- 3、全新结构设计,前后维护方式，满足吊装、叠装要求，可用于户内、户外。
- 4、500*500mm和500*1000mm标准化箱体设计，可兼容P1.95, P2.6, P2.97, P3.91和P4.81，满足客户对不同点间距的需求。
- 5、支持电流均溢功能。

- Support flash function.
- Support 90° seamless connection to realize perfect visual effects.
- Support front and rear maintenance.
- Standard cabinet 500*500mm and 500*1000mm can be compatible with P1.95, P2.6, P2.97, P3.91 and P4.81 to meet customers' different requirements.
- Support the current-sharing function.

可实现90°拼接
90° connection is available



可实现内弧外弧拼接
Curved installation is available



无缝拼接, 500*500&500*1000
尺寸箱体可混合拼接使用

Seamless installation.
500*500 & 500*1000mm cabinets
can match each other.

产品参数/Technical parameters

参数 Parameters	户内 Indoor				户外 Outdoor		
	P1.95	P2.6	P2.97	P3.91	P2.97	P3.91	P4.81
点间距 Pixel pitch	P1.95	P2.6	P2.97	P3.91	P2.97	P3.91	P4.81
像素密度 Pixel density(m ²)	262144	147456	112896	65536	112896	65536	43264
扫描 Scanning	1/32	1/24	1/21	1/16	1/21	1/16	1/13
维护 Service	前/后维护front/rear service				后维护rear service		
亮度 Brightness	800~1200 nit				4500~5500 nit		
模组尺寸 Module size	250x250 mm				250x250 mm		
箱体材质 Cabinet type	压铸铝die-casting aluminum				压铸铝die-casting aluminum		
箱体尺寸 Cabinet size	500x500mm/500x1000mm				500x500mm/500x1000mm		
箱体重量 Cabinet weight	6.8/13 KG				7.1/13.5 KG		
刷新率 Refresh rate(Hz)	3840 HZ				3840 HZ		
最大功耗 Max power consump	680 W/m ²				680 W/m ²		
平均功耗 Ave power consump	200 W/m ²				240 W/m ²		

“参数仅供参考，实际请以实物为准”
The parameters are for reference only. Please refer to the actual products.

精选案例/Selected cases



越南某电视台 Vietnam television station



土耳其某电视台 Television station in Turkey

精选案例/Selected cases



中国 China

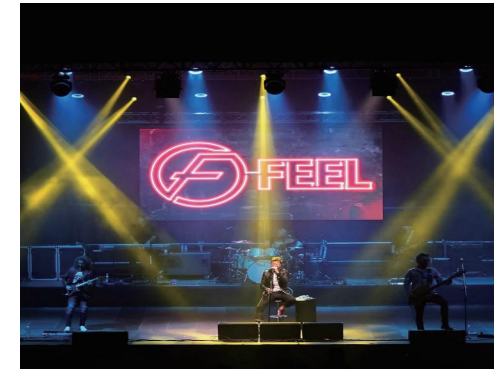


中国 China

精选案例/Selected cases



俄罗斯 Russia



波兰 Poland



俄罗斯 Russia



英国 Britain



越南 Vietnam



美国 America

碳纤维高端系列

Carbon Series



箱体尺寸/Cabinet size: 500x500mm, 1000x500mm

- 1、轻:1000*500箱体重量仅8.4KG
- 2、薄:箱体厚度仅60mm
- 3、碳纤维和压铸的完美结合
- 4、便捷后维护

- Super Light weight: only 8.4KG for 1000*500 Carbon cabinet
- Thin: thickness for cabinet+ module only 60mm
- The Perfect Combination of Carbon and Die Casting aluminum
- Convenient rear maintenance

产品参数/Technical parameters

点间距 Pixel pitch	箱体分辨率 Cabinet resolution	灯珠规格 Lamp beads	扫描 Scanning	亮度 Brightness	像素密度 Pixel density	箱体尺寸 Cabinet size	功耗 Power consump
P2.6	192*192dot 384*192dot	SMD1515	1/24	600~800nit	147456	500*500mm 1000*500m m	最大Max, 平均Ave 680W/m ² 260W/m ²
P3.91	128*128dot 256*128dot	SMD2020	1/16	600~900nit	65536		

XR虚拟拍摄系列

XR Virtual Studio Series



箱体尺寸/cabinet size: 500x500mm

现场直播
Live
Shooting广告拍摄
Advertising
shooting影视制作
Video
Production线上发布会
Online news conference演播室
Studio

高刷高亮, 宽色域, 广视角, 场景逼真, 拍摄高效

High refresh rate & brightness

Wide color gamut & view angle

Realistic scene, and efficient shooting

产品参数/Technical parameters

点间距 Pixel pitch	刷新 Refresh rate	LED 型号 LED type	扫描 Scanning	亮度 brightness	像素密度 Pixel density	箱体尺寸 Cabinet size	箱体材质 Cabinet type
P2.6	7680 Hz	SMD1515	1/16	1800nit	147456	500*500mm	压铸铝 Die-Cast Al

太空船V2.0系列

SPACESHIP SERIES V2.0

户外全球领先创新产品

Innovative product for OOH application



箱体尺寸/cabinet size: 960x960mm

- 1、模组全压铸铝设计，更坚固，散热更好；
- 2、兼容户外固装屏和球场屏的设计要求，满足不同场所的使用要求；
- 3、前后维护均可；
- 4、无惧恶劣环境，可防水、耐高温、防盐雾等；
- 5、可用于户外广告牌、裸眼3D等。

- Die-casting module frame design allows the screen to work at high temperature.
- The design can be used for outdoor advertising LED display and perimeter sports stadium LED screen.
- It can be both front service and rear service.
- No fear of harsh environments, waterproof, high temperature resistant, salt spray resistant, etc.
- It can be used for outdoor billboards, naked eye 3D, etc.

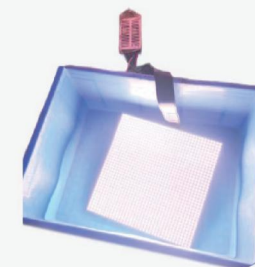
remove module from front



支持前后维护

Both front & rear services are available

waterproof test



fully sealed power/data cable



模块防护等级为IP68，可浸入水中

Module is IP68 protection and it can be immersed into water.

推荐箱体尺寸
recommended cabinet size

960*960mm

1280*960mm

900*900mm

1200*900mm

产品参数/Technical parameters

参数 Parameters	户外Outdoor					
点间距 Pixel pitch	P1.86	P4	P5	P6.67	P8	P10
灯珠 Lamp	SMD1111	SMD1515	SMD1921	SMD2727	SMD3535	SMD3535
像素密度 Pixel density(m ²)	289444	62500	40000	22500	15625	10000
维护 Service	rear	front/rear	front/rear	front/rear	front/rear	front/rear
亮度 Brightness(nit)	4000	4500~5000	6000~6500	6000~6500	6000~6500	6500~7000
模组尺寸 Module size	320*320 mm					
模组材质 Module type	压铸铝 die-casting aluminum					
箱体尺寸 Cabinet size	960*960mm					
箱体重量 Cabinet weight	37 KG					
保护等级 Degree of protection	IP65/IP54					
最大功耗 Max power consump	800W/m ²					
平均功耗 Ave power consump	270W/m ²					

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精选案例/Selected cases



马来西亚国际商业大厦
Malaysia International Commercial Building (1500平方米)



北京故宫博物院
the palace museum

精选案例/Selected cases



中国大运会 FISU World University Games



爱沙尼亚 Estonia



墨西哥体育场 Mexico Stadium



葡萄牙 Portugal



中国 China

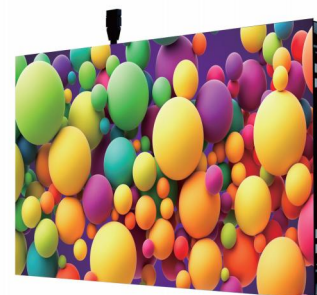


阿根廷 Argentina

小飞侠 V2.0系列

Flying Drone V2.0 Series

超高清小间距LED显示屏
UHD Small pitch LED Display



箱体尺寸/Cabinet size: 600x337.5mm



超高清
Ultra HD



超轻超薄
Ultra-thin
and Low weight



快速安装
Fast
Installation



智能散热
Intelligent
heat dissipation



无缝拼接
Seamless
connection

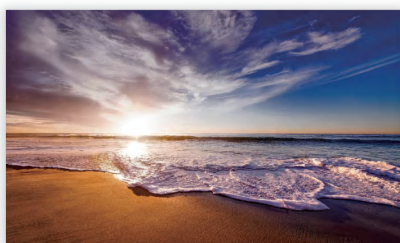
- 1、前安装/前维护设计；
- 2、超轻超薄，外观时尚简单；
- 3、画质清晰，高亮度和对比度，色彩饱和度好；
- 4、电源信号双备份设计，重要场所大屏幕必备，不必担心黑屏、花屏；
- 5、广泛应用于演播中心、视频会议、交通指挥、数据可视化、电影剧院。

- Full front installation and maintenance design.
- Ultra-light and ultra-thin, fashion and simple appearance.
- High brightness and contrast, good color saturation.
- No worry about black screen because of power and data backup function.
- It is widely used in studio center, video conference, traffic command, data visualization, and theater.

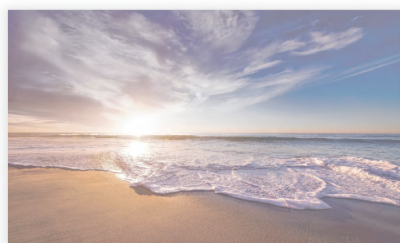
前维护前安装
Front maintenance and front installation



支持HDR, 可让颜色更逼真
HDR technology makes colors more vivid

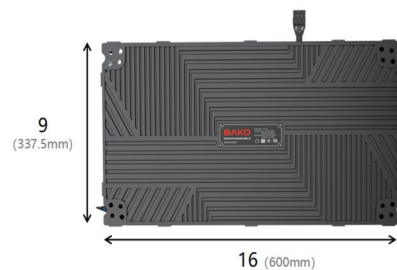
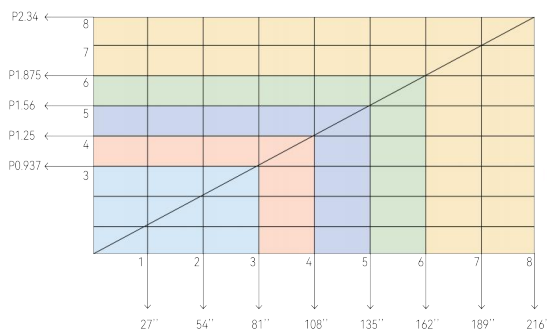


HDR



SDR

16:9黄金比例
可点对点拼接成2K/4K/8K高清大屏
The golden ratio 16:9 can make 2K, 4K, and 8K resolution.



产品参数/Technical parameters

参数 Parameters	户内 Indoor				
点间距 Pixel pitch	P0.937	P1.25	P1.56	P1.87	P2.5
灯珠 Lamp	IMD 4 in 1	SMD1010	SMD1212	SMD1415	SMD2020
像素密度(m ²) Pixel density	1137778	640000	409600	284444	160000
维护 Service	前维护Front service				
亮度 Brightness	500~800 nit				
模组尺寸 Module size	300×168.75mm		150*337.5mm		
箱体材质 Cabinet type	压铸铝die-casting aluminum		压铸铝die-casting aluminum		
箱体尺寸 Cabinet size	600×337.5mm				
箱体重量 Cabinet weight	6KG				
刷新率 Refresh rate(Hz)	≥3840				
视角 View angle (H/V)	160°/140°				
最大功耗 Max power consump	450w/m ²				
平均功耗 Ave power consump	150w/m ²				

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精选案例/Selected cases



中国北京 2022年冬奥会
Beijing 2022 Winter Olympics

精选案例/Selected cases



会议室 conference room



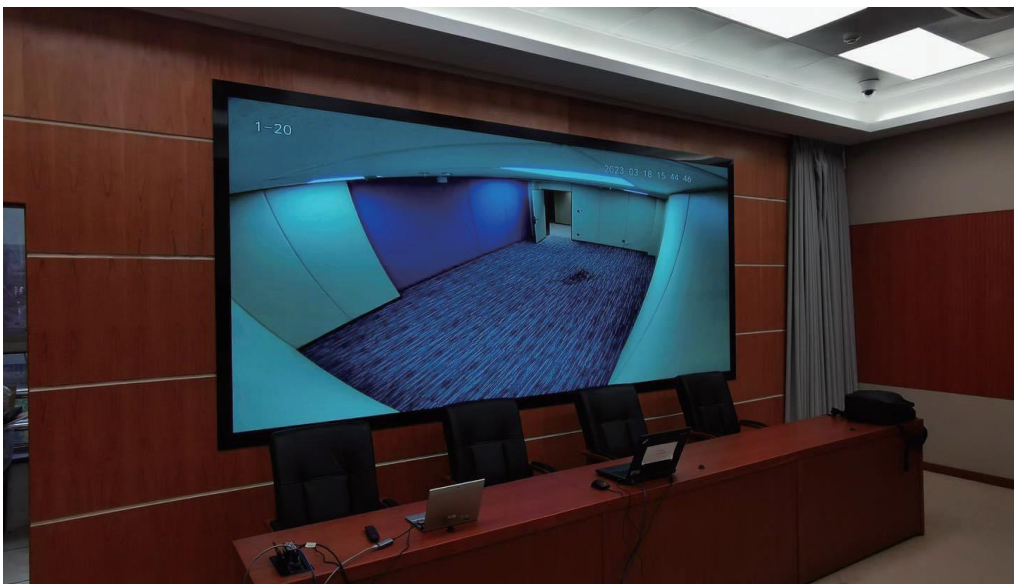
会议室 conference room



会议室 conference room



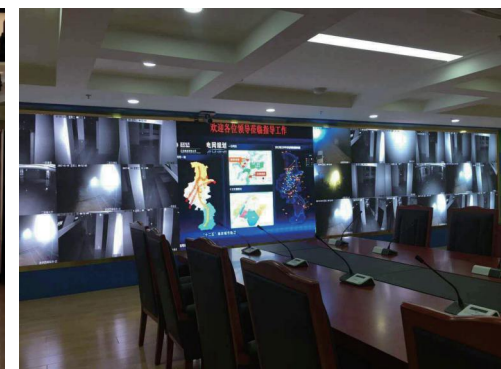
展览室 exhibition room



中国 China



学校 School



监控室 Monitoring Room

高端户内固装系列

High-end indoor fixed series

小间距LED显示屏
Small pitch LED display



箱体尺寸/Cabinet size: 480x480mm



超高清
Ultra HD



超轻超薄
Ultra-thin
and Low weight



快速安装
Fast
Installation



智能散热
Intelligent
heat dissipation



无缝拼接
Seamless
connection

- 1、超轻超薄的箱体设计
- 2、箱体四角防磕设计,降低屏体磕灯掉灯等损伤
- 3、前后维护均可实现,易拼装易拆卸,操作简单快捷
- 4、经CNC精加工,精度达到+/-0.05mm,实现无缝拼接
- 5、优质选材,性能稳定,画面细腻逼真,显示效果卓越

- Ultra-light and ultra-thin cabinet design.
- Designed with four protective corners to protect cabinets better .
- Both front and rear maintenance are available.
- CNC technology makes sure of seamless connection.
- Perfect showing effect.

产品参数/Technical parameters

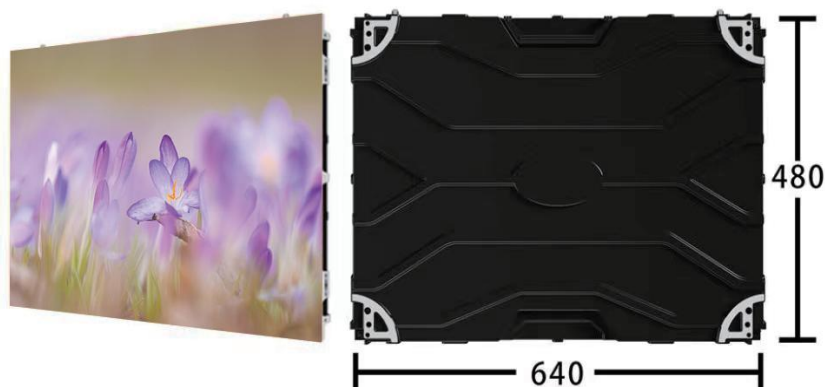
参数 Parameters	户内Indoor					
点间距 Pixel pitch	P1.25	P1.58	P1.67	P1.875	P2.5	P3
像素密度 Pixel density(m ²)	640000	401110	360000	284444	160000	111111
模组分辨率(dot) Module resolution	192x192	152x152	144x144	128x128	96x96	80x80
模组尺寸 Module size	240x240mm					
箱体材质 Cabinet type	压铸铝die-casting aluminum					
箱体尺寸 Cabinet size	480x480mm					
箱体重量 Cabinet weight	7KG					
亮度 Brightness	600-1000 nit					
刷新频率 Refresh rate	3840 Hz					
LED 样式 LED Type	SMD					
最大功耗 Max power consump	690 W/m ²					
平均功耗 Ave power consump	230 W/m ²					

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UHD Pro 系列

超高清小间距LED显示屏



箱体尺寸/Cabinet size:640x480mm

超高清
Ultra HD超轻超薄
Ultra-thin
and Low weight快速安装
Fast
Installation智能散热
Intelligent
heat dissipation无缝拼接
Seamless
connection

- 1、全前维护设计, 结构简单易安装
- 2、卓越的防护性:防磕、防潮、防尘
- 3、超高对比度为您演绎精美绝伦的高画质影像
- 4、广泛应用于城市广场、商业步行街、机场、会议室等

- Full front maintenance design, simple structure and easy installation.
- Excellent Protective Performance: Anti-collision, anti-vibration, moisture-proof, water-proof, anti-static, and it's safe to use in any environment.
- Ultra-high contrast ratio gives the perfect HD pictures and images.
- It is widely used in city square, commercial pedestrian street, airport, conference room ,etc.

产品参数/Technical parameters

参数 Parameters	户内 Indoor					
点间距 Pixel pitch	P1.25	P1.53	P1.86	P2	P2.5	P3.07
像素密度 Pixel density(m ²)	640000	422500	288906	250000	160000	105625
箱体分辨率 Cabinet resolution	512*384	416*312	344*258	320*240	256*192	208*156
模组尺寸 Module size	320*160mm		320x160mm			
箱体材质 Cabinet type	压铸铝die-casting aluminum					
箱体尺寸 Cabinet size	640x480mm					
箱体重量 Cabinet weight	8KG					
亮度 Brightness	600-800 nit					
刷新率 Refresh rate	≥3840 Hz					
最大功耗 Max power consump	450W/m ²					
平均功耗 Ave power consump	150W/m ²					

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新一代小间距LED电视系列

Small Pitch LED TV

2k, 4k超高清LED电视带给你
全新的沉浸式的家庭影院试听享受



屏体尺寸/LED TV size: 108", 135", 162"

- ° P1.25-108", P1.56- 135" , P1.87-162"均为标准FHD:1920x1080点分辨率电视机
- ° 箱体可任意拼装成108"135"162"等各种尺寸的电视会议一体机
- ° 低亮高灰度, 广色域, 高对比度, 呈现精美细腻的视频画面
- ° 一体集成设计, 热拔模组, 方便维护, 一键开机, 无线投屏, 快捷使用
- ° P1.25-108", P1.56- 135" , P1.87-162" is the standard Full HD 1920*1080 Pixel LED TV.
- ° Any size like 81"108" and 135"large TV can be spliced into with cabinets.
- ° Low brightness with high grey scale makes stunning video.

产品参数/Technical parameters

参数 Parameters	户内 Indoor									
	P0.93			P1.25		P1.56		P1.87		
点间距 Pixel pitch	P0.93			P1.25		P1.56		P1.87		
屏幕大小 screen size	108"	135"	162"	108"	135"	108"	135"	108"	135"	
显示尺寸 Display Size(m)	2.4*1.35	3*1.688	3.6*2.052	2.4*1.35	3.0*1.688	2.4*1.359	3.0*1.688	2.4*1.35	3*1.688	
显示分辨率 Resolution (dot)	2560*1440	3200*1800	3840*2160	1920*1080	2400*1350	1536*864	1920*1080	1280*720	1600*900	
模组尺寸 Module size	300*168.75mm									
箱体尺寸 Cabinet size(mm)	600*337.5mm									
扫描方式 Scanning method	1/48			1/60		1/54		1/30		
LED类型 LED Type	四合一灯 4 in 1					SMD				
亮度 Brightness	500 nit					600 nit				
刷新频率 Refresh rate	3840HZ									
最大功耗 Max power consump	450w/m ²									
平均功耗 Ave power consump	150w/m ²									

“参数仅供参考, 实际请以实物为准”

The parameters are for reference only. Please refer to the actual products.

软模组系列

Soft module series



产品参数/Technical parameters

参数 Parameters	户内Indoor					
点间距 Pixel pitch	P1.25	P1.53	P1.86	P2	P3.07	P2.5
像素密度 Pixel density(m ²)	640000	422500	288906	250000	105625	160000
模组分辨率(dot) Module resolution	256*128	208*104	172*86	160*80	104*52	128*64
灯珠规格 Lamp	SMD1010	SMD1212	SMD1415	SMD1415	SMD2020	SMD2020
扫描 Scanning	1/64	1/52	1/43	1/40	1/26	1/32
亮度 Brightness	400 nit	600 nit				
刷新频率 Refresh rate	2880 Hz	2880Hz	3840Hz	3840Hz	2880Hz	2880Hz
模组尺寸 Module size	320*160mm					

产品参数/Technical parameters

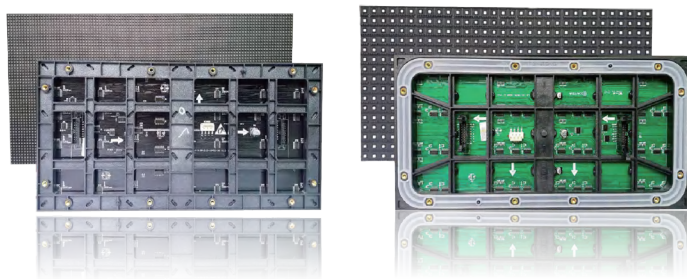
参数 Parameters	户内 Indoor			
点间距 Pixel pitch	P2.5	P3	P2	P4
像素密度(m ²) Pixel density	160000	111111	250000	62500
模组分辨率(dot) Module resolution	96*48	64*64	128*64	64*32
灯珠规格 Lamp	SMD2020	SMD2020	SMD1415	SMD2020
扫描 Scanning	1/24	1/32	1/32	1/16
亮度 Brightness	600~800 nit			
刷新频率 Refresh rate	2880 Hz	3840 Hz	2880 Hz	3840 Hz
模组尺寸 Module size	240*120mm	192*192mm	256*128mm	256*128mm

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户内&户外模组批发

Indoor & Outdoor module wholesale



产品参数/Technical parameters

参数 Parameters	户外 Outdoor					
点间距 Pixel pitch	P2.5	P3.07 Pro	P4 Pro	P5 Pro	P8 Pro	P10 Pro
模组平整度 Module flatness	0.2	0.2	0.2	0.2	0.2	0.2
模组分辨率(dot) Module resolution	128*64	104*52	80*40	64*32	40*20	32*16
灯珠规格 Lamp	SMD1415	SMD1415	SMD1921	SMD1921	SMD3535	SMD3535
扫描 Scanning	1/16	1/13	1/10	1/8	1/5	1/2
亮度 brightness	≥5000	≥5500 nit				
像素密度 Pixel density(m ²)	160000	105625	62500	40000	15625	10000
模组尺寸 Module size	320*160mm					
色温 Color temperature	6500-10000 K可调 (adjustable)					
视角 View angle(h/v)	160°/140°					

产品参数/Technical parameters

参数 Parameters	户内 Indoor						
点间距 Pixel pitch	P1.25	P1.53	P1.86	P2	P2.5	P3.07	P4
模组平整度 Module flatness	0.2	0.2	0.2	0.2	0.2	0.2	0.2
模组分辨率(dot) Module resolution	256*128	208*104	172*86	160*80	128*64	104*52	80*40
灯珠 Lamp	SMD1010	SMD1212	SMD1415	SMD1415	SMD2020	SMD2020	SMD2020
扫描 Scanning	1/64	1/52	1/43	1/40	1/32	1/26	1/10
亮度 brightness	600~800 nit						
像素密度 Pixel density(m ²)	640000	422500	288906	250000	160000	105625	62500
模组尺寸 Module size	320*160 mm						
色温 Color temperature	6500-10000 K可调 (adjustable)						
视角 View angle(h/v)	160°/140°						

“参数仅供参考，实际请以实物为准”

The parameters are for reference only. Please refer to the actual products.

精选案例/Selected cases



户外广告 Outdoor advertising



购物中心 Shopping centre



展览室 Exhibition room



公司广告 Company advertising