



World Class LED Display Manufacturer

Specialize in LED market since 2007

Let Sunrise light up your business!



Shenzhen Sunrise Opto- Electronic Technology Co.Ltd



TEL: 0755-28492699

Phone: +86 13632675800

Email: sales@sunrisechn.com.cn

Adress: 9-1 Building,Gongxiaoshe Industrial Zone

Pinghu Town, Longgang District, Shenzhen,China,518111





Company Profile

About Us

SUNRISE LED TECH ---Your Reliable Partner

Sunrise LED Tech as one member of Qianhai Equity Exchange Center set up in 2007, has been focusing on the R&D manufacturing and complete solution in the field of LED display. It has now become one of the most important& indispensable role

In order to get non-stop development driving force Sunrise has also close cooperation with several famous universities in South China and Middle China, including technical design LED character r esearching, structure improvement, joint test lab. etc..Via continuous & multiple effort, Sunrise has obtained rich achievement such like development

Galaxy media facade, Rover Pro mobile LED truck

Besides, Sunrise can provide **MINI pixel pitch screens**
rental screens, fixed installation screens
transparent screen, XR studio, flexible screens and so on

We warmly welcome customer from all over the world to establish a long-term & win-win business relationship as well as friendship with us. We together to create a bright future

Vision:

To build a world-class brand of LED display

Mission:

Provide high value screen products and solution to customers who pursue excellent quality and service around the world

Values:

Focus on customers, continuously optimize products and services to create high premium value for customers. Rea ize self value in creating value for customers to achieve win-win cooperation.and common development. Stick to responsibility, innovation and win-win



Story:

"Over the years, we have continuously updated our products and optimized their performance. Quality is always the prior project

And we are striving to achieve cutting-edge industry standards Through various certifications from professional organizations our products have many certificates, such as CE, TUV, ROHS ISO.etc. In addition, we attach great importance to product technology research and development and have obtained over 20 patent certificates. " ---Eddie Jiang

Content



1	Mobile truck & tricycleLED screen Project cases	03 04
	Electric scooter led screen Project cases	05 06
	Trailer LED screen Project cases	07 08
2	Transparent mesh LED screen Project cases	09 10
	Transparent LED screen Project cases	11 12
3	Rental LED screen Project cases	13 14
4	Fixed installation LED screen Project cases	15 16
5	MINI pixel pitch LED screen Project cases	17 18
6	XR studio Project Cases	19 20
7	LED flexibefilm screen Project cases	21 22
	Holographic LED screen Project cases	23 24
8	LED sphere Project cases	25 26
9	Food delivery box with LED screen Project cases	27 28
10	Road light pole LED screen Project cases	29 30

Mobile truck LED screen



Project cases



- Energy saving
- Updated PCB board design
- Strong vibration resistance
- Anti-salt spray
- High brightness
- Easy front maintenance
- Wire hidden dsign
- High refresh rate

Pixel pitch	3.84mm	4.8mm	6mm	Max. power consumption	1200 w/ m ²
Module size	192*192mm			Average power consumption	≤360 w/m ²
Cabinet size	Customization supported			Brightness adjustment	Automatically or manually
Pixel density	111111dots/m ²	43402dots/m ²	27778dots/m ²	Viewing angle	120°(Horizontal)/120°(Vertical)
Pixel configuration	SMD 3 in1			Operating temperature	-20 to 60°C
Brightness	> 5500cd/m ²	> 5500cd/m ²	> 6500cd/m ²	Input voltage	AC110-120/200-240V 50/60Hz
Driving method	1/13 scan	1/10 scan	1/4 scan	Lifetime(50% Brightness)	>100000 hours
LED type	1818/1919	2525/1818	2525/1818	Protection Level	IP65





- Scooter Led display screen
- High refresh rate 5580Hz
- Better heat dissipation
- Strong waterproof
- Anti-salt spray
- Low weight design
- Good weather resistance
- High refresh rate

Type	Defender-PH3.91	Defender-PH4.81	Defender-PH6.25	Defender-PH7.8	Defender-PH10.42
Pixel pitch	3.91mm	4.81mm	6.25mm	7.8mm	10.42mm
LED lamp	1818		2727		
Pixel density	65536dots/m²	43264dots/m²	25600dots/m²	16384dots/m²	9216dots/m²
Brightness	5000-5500cd/m²		5800-6500cd/m²	5500-6000cd/m²	
Module/ Cabinet size	Customization supported				
Module pixel	128*64dots	104*52dots	80*40dots	64*32dots	48*24dots
Cabinet material	Aluminum				
Power consumption max/Ave	650/195w/m²		600/180w/m²	580/175w/m²	
Drive type	1/8 scan	1/13 scan	1/5 scan	1/4 scan	1/3 scan
Viewing angle	H: 120° W: 120°				
Operating temperature	-20C°~ + 60C°				
IP rating	IP65				
Life time	100,000hours				





- Temperature adjustment
- Dimmable
- High brightness
- HD quality
- Hydraulic liting and rotating system
- IP 65
- Easy to install
- Fast heat dissipation

Pixel pitch	3.84mm	4.8mm	6mm	Max. power consumption	1200 w/ m²
Module size	192*192mm			Average power consumption	≤360 w/m²
Cabinet size	Customization supported			Brightness adjustment	Automatically or manually
Pixel density	111111dots/m²	43402dots/m²	27778dots/m²	Viewing angle	120°(Horizontal)/120°(Vertical)
Pixel configuration	SMD 3 in1			Operating temperature	-20 to 60°C
Brightness	> 5500cd/m²	> 5500cd/m²	> 6500cd/m²	Input voltage	AC110-120/200-240V 50/60Hz
Driving method	1/13 scan	1/10 scan	1/4 scan	Lifetime(50% Brightness)	>100000 hours
LED type	1818/1919	2525/1818	2525/1818	Protection Level	IP65



Transparent mesh LED screen



Project cases



- Ultra-thin 12mm
- LED module IP67
- Ultra-light 12kgs/sqm
- Single LED bar front maintenance
- 1 second quick installation
- 50% energy saving compared to regular LED screens
- Super high brightness 8000nits
- High wind resistance

Pixel pitch	P15.625/P7.81mm	P15.625/P15.625mm	P31.25/P15.625mm	P31.25/P31.25mm	P25/P15.625mm	P25/P25mm	P50/P25mm
Module size	10*1000mm						
Cabinet size	Customization supported						
Pixel density	8192dots/m²	4096dots/m²	2048dots/m²	1024dots/m²	2560dots/m²	1600dots/m²	800dots/m²
Brightness	6000cd/m²	8500cd/m²	7500cd/m²	7000cd/m²	8000cd/m²	7500cd/m²	7000cd/m²
Driving method	1/4 scan	Static					
LED type	SMD1921/2727	DIP346/SMD3535					
Power consumption	220 w/m²	280 w/m²	175 w/m²	110 w/m²	280 w/m²	170 w/m²	90 w/m²
Transparent rate	40%		70%		60%		80%
Refresh rate	3840HZ						
Viewing angle	120°(Horizontal)/120°(Vertical)						
Operating temperature	-20 to 60℃						
Input voltage	AC110-120/200-240V 50/60Hz						
Lifetime(50% brightness)	>100000 hours						
Protection level	IP67						

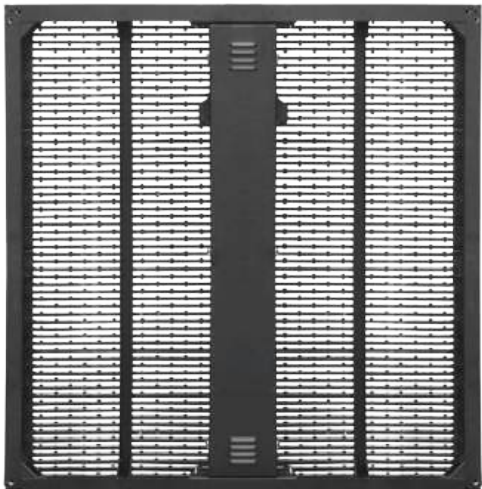




www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com

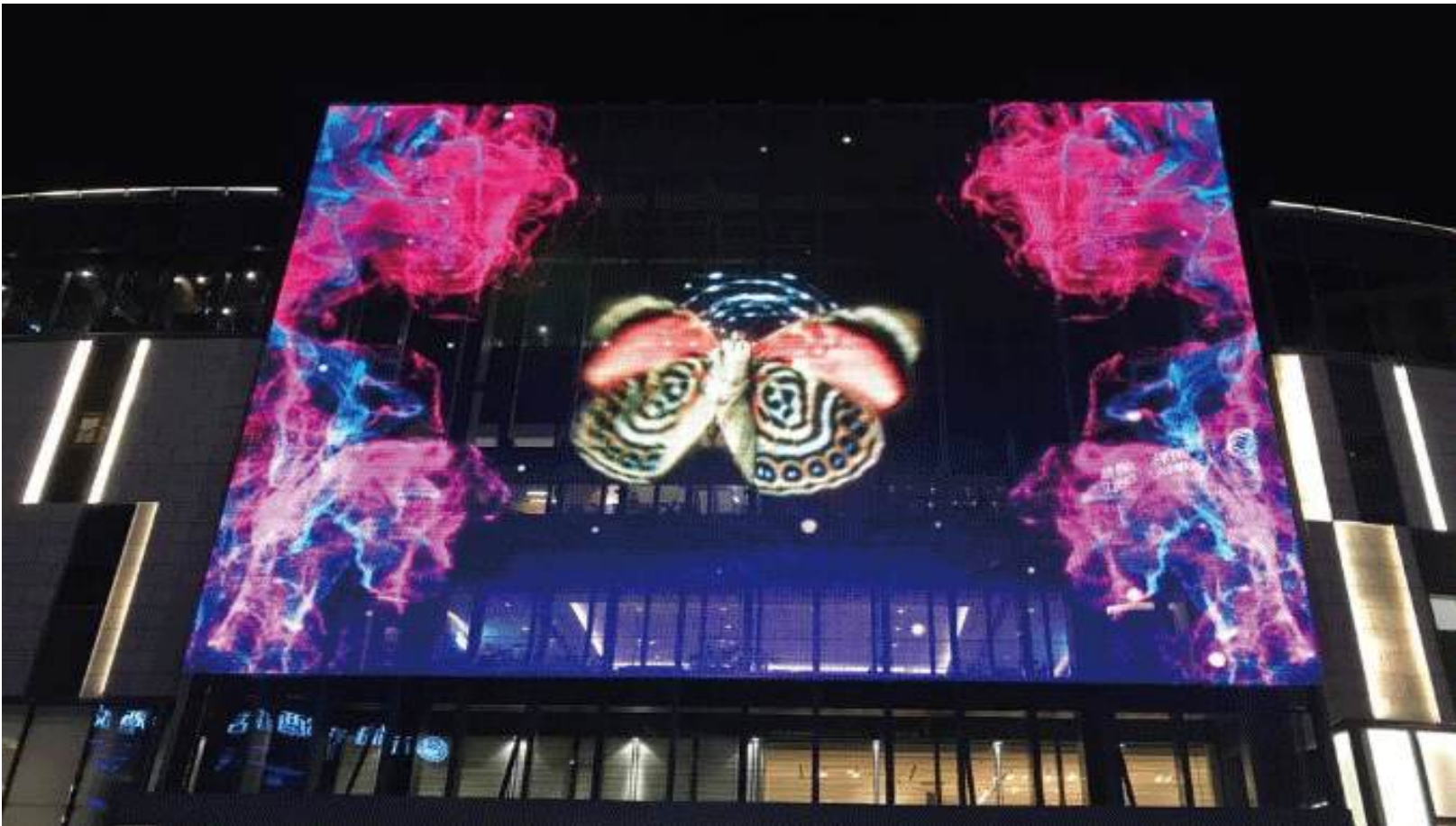


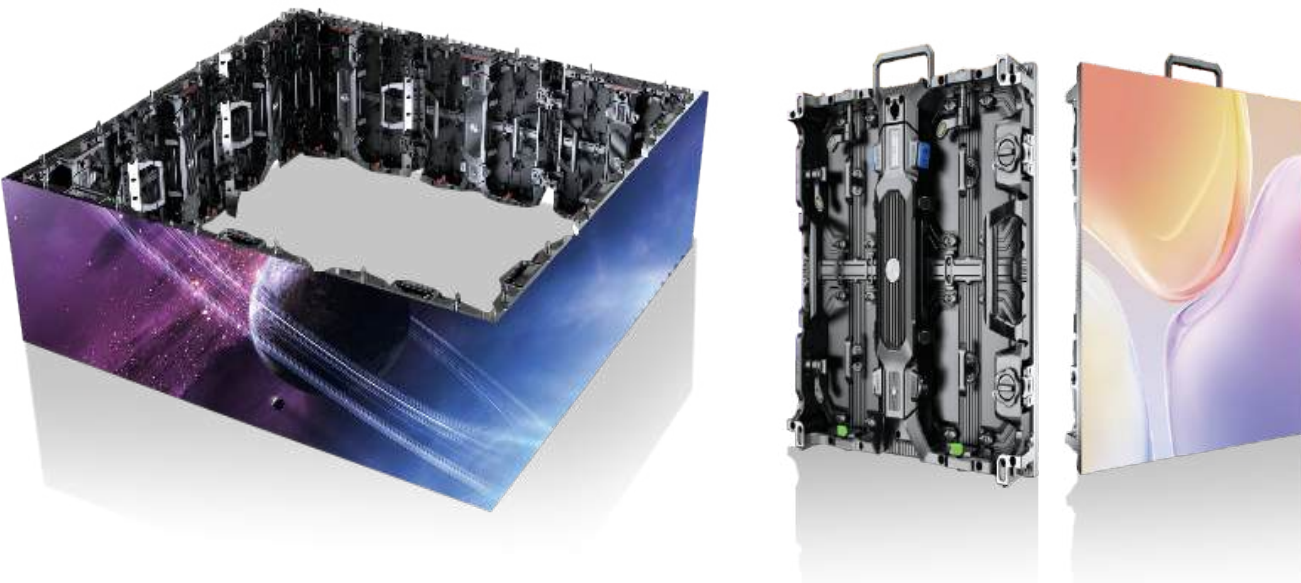
- High brightness
- Concert atmosphere creating artifacts
- 85%-93% Transparency



- New configuration
- High contrast ratio
- High refresh rate

Pixel pitch	3.91mm(H),7.82mm(V)
Brightness	6000cd/m²
Panels normal dimensions	1000*1000mm
Panel material	Aluminum
Module size	500*125mm
LED type	SMD1921
Scan mode	1/7S
Pixel density	32768dots/m²
Transparency rate	75%
Refresh rate	3840hz
Net weight	5.7KG
Max/average power consumption	600/200W/m²
Cabinet thickness	7cm
Viewing angle	H:140° V: 140°
Operating temperature	-40C°~ + 60C°
IP rating	IP65
Life time	100,000hours





- Easy to assemble & disassemble
- Durable and sturdy cabinets
- High flatness, almost no splicing gap
- With curved lock to support curved surface
- Supports 90 ° rotation angle
- 4000:1 high contrast

	Indoor Type				Outdoor Type		
Pixel pitch	1.95mm	2.604mm	2.98mm	3.91mm	2.98mm	3.91mm	4.81mm
Module size	250*250mm						
Cabinet size	Customization supported						
Pixel density	262144dots/m²	147475dots/m²	112896dots/m²	65410dots/m²	112896dots/m²	65410dots/m²	43222dots/m²
Pixel configuration	SMD 3 in1						
Brightness	> 1200cd/m²			> 1500cd/m²	> 5500cd/m²		
Driving method	1/32 scan		1/28 scan	1/16 scan	1/21 scan	1/16 scan	1/13 scan
LED type	1515			2121	1415	1921	
Max./Average power consumption	800 w/m² 300 w/m²						
Refresh rate	3840Hz; 5580Hz; 7680Hz						
Viewing angle	120°(Horizontal)/120°(Vertical)						
Operating temperature	-20 to 60℃						
Input voltage	AC110-120/200-240V 50/60Hz						
Lifetime(50% Brightness)	>100000 hours						
Protection level	IP43				IP65		



www.sunriseleddisplay.com

www.sunriseleddisplay.com

www.sunriseleddisplay.com

www.sunriseleddisplay.com

www.sunriseleddisplay.com

www.sunriseleddisplay.com

www.sunriseleddisplay.com

www.sunriseleddisplay.com

www.sunriseleddisplay.com

www.sunriseleddisplay.com



- Light weight cabinet
 - Front maintenance supported
 - Built in fan for timely heat dissipation
- Quick lock alignment hole positions
 - IP65, suitable for outside
 - Hidden wiring, simple and beautiful

	Indoor Type				Outdoor Type						
Pixel pitch	2mm	2.5mm	3mm	4mm	2.5mm	3mm	4mm	5mm	6mm	8mm	10mm
Module size	320*160mm		192*192mm	320*160mm		192*192mm	320*160mm		192*192mm	320*160mm	
Cabinet size	Customization supported										
Pixel density	250000dots/m²	160000dots/m²	111111dots/m²	62500dots/m²	160000dots/m²	111111dots/m²	62500dots/m²	40000dots/m²	27777dots/m²	15625dots/m²	10000dots/m²
Brightness	600-900cd/m²				5000-5500cd/m²		5500-6000cd/m²		6000cd/m²	5500-6000cd/m²	
Driving method	1/40scan	1/32scan	1/16scan	1/20scan	1/16scan		1/10scan	1/8scan	1/4scan	1/5scan	1/2scan
LED type	1515		2121		1415		1921	2727	2525	3535	
Max./Average power consumption	800 /280 w/m²			600 /180 w/m²	1000 /350 w/m²	800 /280 w/m²	1400/490 w/m²		1200 /420 w/m²	950 /330 w/m²	
Refresh rate	≥3840Hz;										
Viewing angle	120°(Horizontal)/120°(Vertical)										
Operating temperature	-20 to 60℃										
Input voltage	AC110-120/200-240V 50/60Hz										
Life time	>100000 hours										
Protection Level	IP43				IP65						



Mini pixel pitch LED screen



www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com



- 4:3 & 16:9 ratio good visual effect
- Smaller pixel, 4K & 8k effect
- High refresh rate
- Low surface temperature
- Front maintenance with electronic tool
- Seamless splicing

	Mini Series				Smart Series					
Pixel pitch	0.9mm	1.25mm	1.56mm	1.87mm	1.25mm	1.53mm	1.66mm	1.86mm	2mm	2.5mm
Module size	300*168.75mm				320*160mm					
Cabinet size	Customization supported									
Pixel density	113777dots/m²	64000dots/m²	40960dots/m²	28444dots/m²	64000dots/m²	42262dots/m²	36000dots/m²	28900dots/m²	25000dots/m²	16000dots/m²
Brightness	800-1000cd/m²				800-1000cd/m²		800-1000cd/m²		800-1000cd/m²	800-1000cd/m²
Driving method	1/60scan		1/54scan	1/45scan	1/64scan	1/52scan	1/48scan	1/48scan	1/40scan	1/32scan
LED type	IMD-09	SMD1010	SMD1212	SMD1515	SMD1010	SMD1212		SMD1515		
Max./Average power consumption	800 w/m² 280 w/m²									
Refresh Rate	3840Hz;5580Hz;7680Hz									
Viewing angle	120°(Horizontal)/120°(Vertical)									
Operating temperature	-20 to 60℃									
Input voltage	AC110-120/200-240V 50/60Hz									
Lifetime	>100000 hours									
Protection level	IP43									

project cases



www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com



- 7680Hz high refresh rate support HDR
- 18bit+ grey level
- Large viewing angle



- 1500cd/sqm high brightness
- Curved optional
- Seamless and natually surface

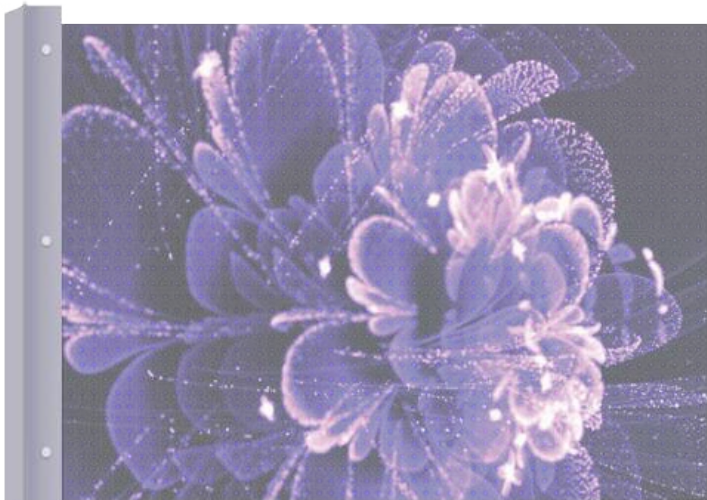
Pixel pitch	1.95mm	2.6mm
Module size	250*250mm	
Cabinet size	Customization supported	
Pixel density	262144dots/m²	147475dots/m²
Brightness	1200cd/m²	
Driving method	1/32scan	
LED type	1515	
Grey rate	18bits	
Refresh rate	7680Hz	
Curved adjustment	Optional	
Viewing angle	120°(Horizontal)/120°(Vertical)	
Operating temperature	-20c° to 60C°	
Input voltage	AC110-120/200-240V 50/60Hz	
Lifetime	>100000 hours	
Protection level	IP43	



LED flexibe film screen



Project cases



- Low weight sample 0.8kg
- High transparency ≥93 %
- High brightness
- Arbitrary cutting
- Breakpoint continuation
- Easy Installation

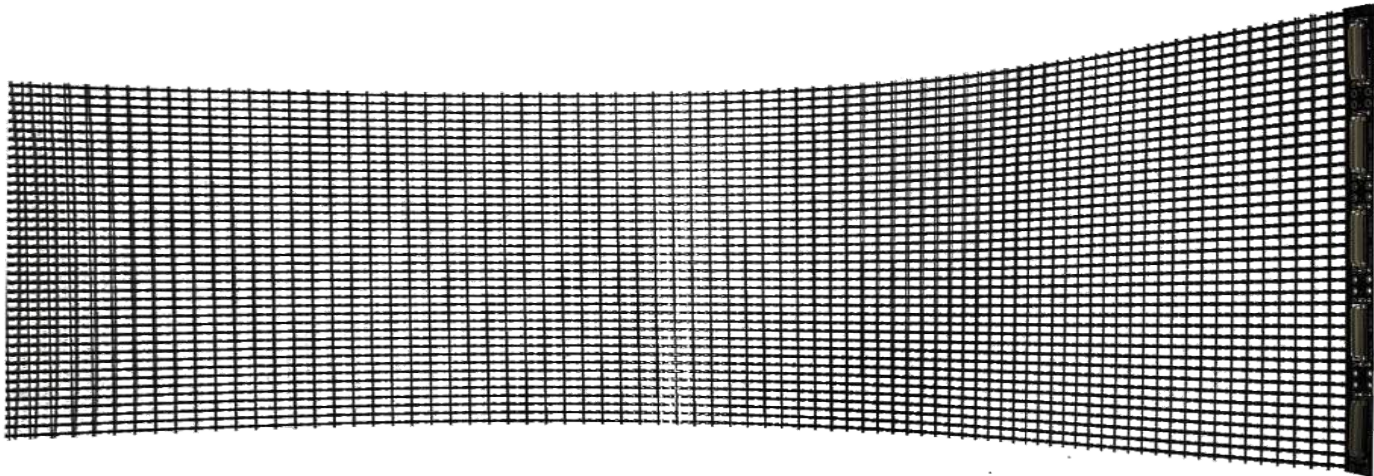
Product specification	P4	P6	P8	P10	P15.6	P20
Pixel pitch (x*y)	4mm*4mm	6mm*6mm	8mm*8mm	10mm*10mm	15.6mm*15.6mm	20mm*20mm
Pixel	62500dots/m²	27556dots/m²	15625dots/m²	10000dots/m²	4109dots/m²	2500dots/m²
LED specification (light drive in one)	SMD1010	SMD2121				SMD2122
Pixel composition	1R1G1B				1R1G2B	
Permeability	≥85%		≥90%			≥95%
Box wiring mode (clean back)	Internal wiring					
Weight	≤ 3.5KG/m²				≤ 3.5KG/m²	
White balance brightness	≥4000cd/m²					
Peak power consumption	400w/m²					
Average power consumption	About 200 w/m² (depending on the video source)					
Refresh frequency	≥3840Hz					
Color temperature	3200K-8500K					
Frame change frequency	≥60Hz					
Viewing angle	H-H140 degrees V-V140 degrees					
Input signal	DVI VGA, composite video					
Protection grade	IP30					
Working temperature	-20C°~50C°					
Theoretical service life	100000 hours					



Holographic LED screen



www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com



- High Transparency
- Super light weight
- Easy to install
- Flexible
- Thin
- Various installation methods

Pixel Pitch	P3.5mm	P3.91mm	P5mm	P6.25mm (hot)	P7.8mm	P10mm	P15.625mm	P20mm
Visual transparency	80%		83%	85%	88%	90%	92%	93%
Pixel density	81225dots /m ²	65536dots/m ²	40000dots /m ²	25600dots/m ²	16384dots/m ²	10000dots/m ²	4096dots/m ²	4096dots/m ²
LED lamp	1515	1515	2020	2020	2020	2020	2020	2020
Cabinet size	Customization supported							
Weight	3Kg /m ²	3Kg /m ²	3Kg /m ²	3Kg /m ²	3Kg /m ²	3Kg /m ²	3Kg /m ²	3Kg /m ²
Brightness	≥ 4000 cd/m ²							≥ 3000 cd/m ²
Scan mode	Single point single control, static drive							
LED lifespan	≥ 100,000.00 hours							
Maximum power consumption	800w /m ²							
Average power consumption	200w /m ²							
LED controller	Synchronous/Asynchronous							
Input current	AC100~240V 50/60 Hz							
Module working current	DC 4.2V ± 0.2V							

Project cases





www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com



- Light weight
- Seamless stitching
- High quality lamp beads
- Leamless stitching
- High definition
- Customized

Pixel Pitch	P2	P2.5	P3	P4	P5	P6
Pixel Density	640000/m²	422500 /m²	289050/m²	250000/m²	160000/m²	111111 /m²
LED Package	SMD1010	SMD1212	SMD1212	SMD1515	SMD1515	SMD2020
Driving Method	Customized					
Module Size	Customized					
Place of Origin	China					
Brightness	800-5000cd/m²					
Refresh Rate	≥3840Hz:					
Humidity	10%~90%					
Maintenance	Front/Back service					
Ingress Protection	Indoor Front:IP35,Back:IP35Outdoor Front:IP65,Back:IP54					
Life-Span	100000 Hours					
Working Voltage	Input AC 10ov-240V,50Hz/60Hz,Output: DC 5v					
Temperature Range	Working :-25C~60°C, Storage:-35C-80c					





www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com



- Customizable
- Easy installation
- GPS



- Brightnessadjustable
- Controlled remotely
- Lightweight

Screen Model	P2.5	P3	P4
Pixel	2.5mm	3mm	4mm
Resolution	128x128dots	112X128dots	80X80dots
Screen size	320X320mm	384x384mm	320x20mm
Box size	500x500x500mm		
Brightness	5000cd/m²	5000cd/m²	
Refresh rate	3840 Hz	3840 Hz	
Weight	16KG	16KG	





www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com www.sunriseleddisplay.com



- High data security
 - Smart cooling
 - IP65 Waterproof
- Energy saving
 - Weather fastness
 - Dright adjustment

	Outdoor Type						
Pixel pitch	2.5mm	3mm	4mm	5mm	6mm	8mm	10mm
Module size	320*160mm	192*192mm	320*160mm		192*192mm	320*160mm	
Cabinet size	Customization supported						
Pixel density	160000dots/m²	111111dots/m²	62500dots/m²	40000dots/m²	27777dots/m²	15625dots/m²	10000dots/m²
Brightness	5000-5500cd/m²		5500-6000cd/m²		6000cd/m²	5500-6000cd/m²	
Driving method	1/16scan		1/10scan	1/8scan	1/4scan	1/5scan	1/2scan
LED type	1415		1921	2727	2525	3535	
Max./Average power consumption	1200 /350 w/m²		1000/280 w/m²			900/260 w/m²	
Refresh rate	≥3840Hz;						
Viewing angle	120°(Horizontal)/120°(Vertical)						
Operating temperature	-20 to 60℃						
Input voltage	AC110-120/200-240V 50/60Hz						
Life time	>100000 hours						
Protection Level	IP65						

