70''Wallpaper Screen



- 8mm ultra-thin design
- Easy-to-install & Energy-saving
- Excellent signal transmission performance
- Seamless splicing

Features

8mm ultra-thin design
Perfect package

8mm ultra-thin design for various application scenarios.



Flexible installation
Efficiency increased by 80%

Large-sized standardized cabinets, installation efficiency increased by 80%



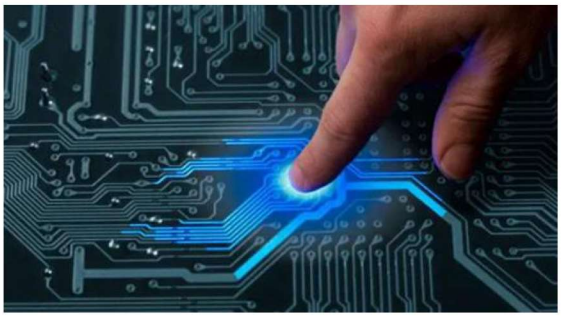
Excellent flatness Integrated screen

Suppport splicing the screen, freely customize the screen size.



Dual signal transmission to be stable

Both LVDS and FPC improve signal transmission speed and anti-interference ability, ensuring the stability.



Low voltage design to be safe

DC-DC low voltage, no risk of electric shock , safer installation process.



Technical Parameters

Model	P1.25	P1.5
Screen	Wall installation, total product thickness ⩽8mm	
Cabinet Size (mm)	1730 (H) * 720 (W)	
Module Size (mm)	240 * 180	
Module Resolution (dots)	192 * 144	160 * 120
Cabinet Size (mm)	1730*720	
Cabinet Resolution (dots)	1296 * 576	1058 * 480
Brightness (nit)	⩾650	
Contrast	⩾8000:1	
Viewing Angle (°)	⩾178	
Refresh Frequency (Hz)	⩾3840Hz	
Support Bit	Support 16Bit	
Control System	Compatible with Nova, Colorlight, and Kaistar	
Lamp	1010	1212
Input AC	100V-240V; 50Hz wide voltage design	
Output Voltage DC	4.2V/40A, output 200W * 3pcs/box	
5V Voltage Output	2mm² copper foil, HUB connection	
Temperature	-10-40°C	
Humidity	10%-80%	

Application scenarios

Entertainment rooms, luxury home decoration, small & medium-sized control rooms, conference rooms





RENTAL SCREEN



- 500*500 & 500*1000mm to be chosen
- Die-casting cabinet
- Easy to install, easy to carry
- Indoor & Outdoor

Features

Easy to install

Easilyinstall & uninstall, improving usage efficiency.



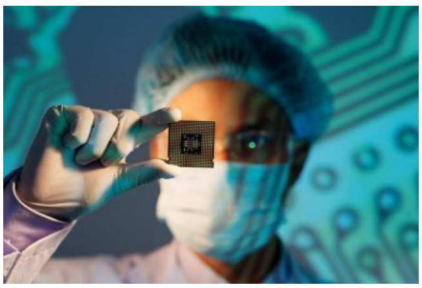
High protection

With excellent protection capabilities, suitable for outdoor and various harsh environments.



High stability

Strict quality testing ensures the stable performance in complex environments.



Wide viewing angle

Provides a wide-angle viewing experience, ensuring clear images no matter what angle you view from.



High contrast

Present more vivid image effects and enhance the visual experience.



High reliability

Ensure stable performance for long-term operation and meet the needs of various scenarios.



Technical Parameters

Model	SAM-P2970	SAM-P3900	SAM-P4800
Pixel Pitch	2.97mm	3.9mm	4.8mm
Pixel Structure	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD
Pixel Density	113367 pixels/m^2	65536 pixels/m^2	43264 pixels/m^2
Module Resolution	84(W)*84(H)	64(W)*64(H)	52(W)*52(H)
Module Size(mm)	250(W)*250(H)	250(W)*250(H)	250(W)*250(H)
Optical Parameter			
Single Point Brightness, Chroma Correction		Support	
White Balance Brightness		⩾4500cd/m^2	
Color Temperature		2000K-12500K	
Horizontal Viewing Angle		⩾140Deg.	
Vertical Viewing Angle		⩾120Deg.	
Visible Distance(m)		⩾9	
Brightness Uniformity		⩾97%	
Contrast Ratio		⩾5000:1	
Process Performance			
Signal processing bits		16bits*3	
Gray scale		12-14Bit	
Control Distance		Cable:100 m,Optical Fiber:10km	
Drive Mode		Constant current source driver	
Frame Rate		⩾60HZ	
Refresh Rate		⩾1920-3840HZ	
Way to Control		Synchronize	
Brightness Adjustment Range		0-100Stepless Adjustmen	
Usage Parameter			
Continuous Operation Time		⩾72 hours	
Expected LED Lifetime(max)	100000 hours	50000 hours	50000 hours
IP Rating		IP65	
Operating Temperature		-20°C to 50°C	
Operating Humidity		10%RH~80%RH, No condensation	
Storage Temperature		-20°C to 60°C	
Electrical Parameter			
Operating Voltage		DC4.5-5V	
Power Requirements		AC:220×(1±10%)V、50×(1±5%)Hz	
Maximum power consumption		800W/m^2	
Average power consumption		360W/m^2	

Application scenarios

Outdoor Activities,Concert,Rental scenario.

RENTAL SCREEN



- 500*500 & 500*1000mm to be chosen
- Die-casting cabinet
- Easy to install, easy to carry
- Indoor & Outdoor

Features

Easy to install

Easilyinstall & uninstall, improving usage efficiency.



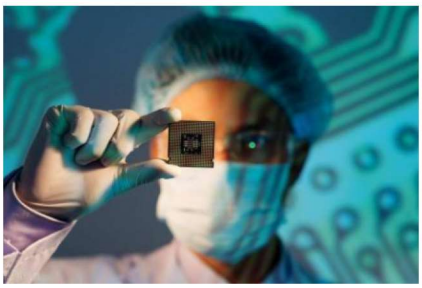
High protection

With excellent protection capabilities, suitable for outdoor and various harsh environments.



High stability

Strict quality testing ensures the stable performance in complex environments.



Wide viewing angle

Provides a wide-angle viewing experience, ensuring clear images no matter what angle you view from.



High contrast

Present more vivid image effects and enhance the visual experience.



High reliability

Ensure stable performance for long-term operation and meet the needs of various scenarios.



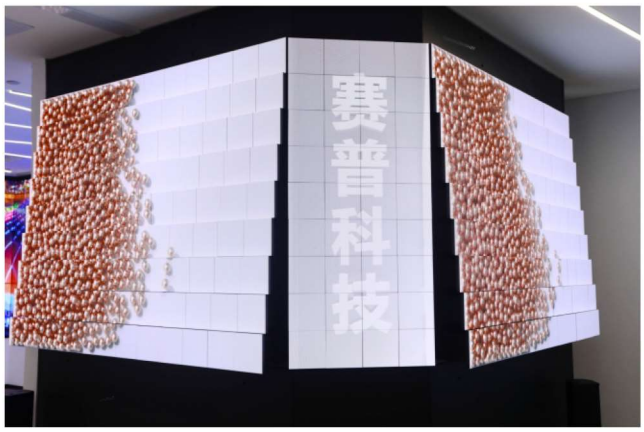
Technical Parameters

Model	SAM-P260
Pixel Pitch (mm)	2.604
Pixel Structure	3 IN 1 SMD
Pixel Density (dots/m ^{2})	147474
Module Resolution	96*96
Module Size(mm)	250(W) * 250 (H)
Optical Parameter	
Single Point Brightness, Chroma Correction	Support
White Balance Brightness	⩾5000cd/m^2
Color Temperature	2000K-12500KAdjustable
Horizontal Viewing Angle	160Deg.
Vertical Viewing Angle	140Deg.
Visible Distance	5+m
Brightness Uniformity	⩾97%
Contrast Ratio	⩾5000:1
Process Performance	
Signal processing bits	16bits*3
Gray scale	12-16Bit
Control Distance	Cable:100 m,Optical Fiber:10km
Drive Mode	constant current source driver
Frame Rate	⩾60HZ
Refresh Rate	1920-3840HZ
Way to Control	Synchronize
Brightness Adjustment Range	0-100Stepless Adjustmen
Usage Parameter	
Continuous Operation Time	⩾72 hours
Expected LED Lifetime(max)	>100000 hours
IP Rating	IP65
Operating Temperature	-20°C to 50°C
Operating Humidity	10%RH~80%RH, No condensation
Storage Temperature	-20°C to 60°C
Electrical Parameter	
Operating Voltage	DC4.5-5V
Power Requirements	AC:220×(1±10%)V、50×(1±5%)Hz
Maximum power consumption	800W/m^2
Average power consumption	350W/m^2

Application scenarios

Outdoor Activities,Concert,Rental scenario.

3D motion screen

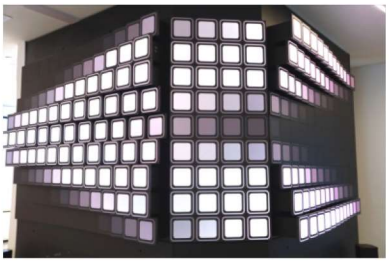


- 3D three-dimensional effect
- Ultra-thin design
- Supremely small gap
- Multiple noise reduction design
- Modular design
- Industrial grade linear guide

Characteristic

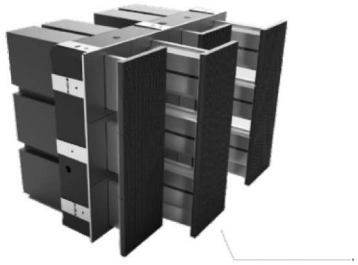
3D dynamic stereoscopic picture, immersive visual experience

Excellent 3D display function presents three-dimensional images, dynamic pictures are smart and feel lifelike while the static picture is complete and clear, the combination brings rich visual experience.



Modules can move freely to create unlimited possibilities

Through the precise combination of thousands of modules, the perfect coordination of picture and mechanical movement is accurately achieved. High technical precision guarantees every expansion and movement.



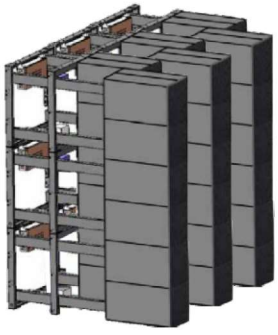
32cm ultra-thin design, free installation on site

The 32cm ultra-thin design reduces the space occupied on the back, provides more installation freedom, facilitates flexible installation in various venues.



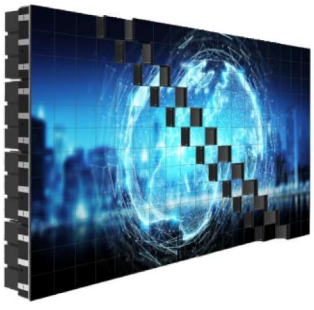
Easy assembly experience and worry-free maintenance

Each unit module is designed independently and is highly flexible, making the assembly and disassembly process more efficient and convenient.



Customized film sources to meet individual needs

In-depth understanding of customer needs, tailor-made content, attention to details and creativity to make a unique visual experience.



Industrial-grade accessories, precise operation, long service life

Ultra-thin design reduces the space occupied on the back, provides more installation freedom in various venues.



Technical Parameters

	Model	SAM-128S	SAM-160S	SAM-320S	SAM-500S
stretch module	Module size(W×H)(mm)	128×128	160×160	320×160	495×245
		0.5(0.3-0.7)	1(0.5~1.5)	1.5(1~2)	5(3.5~6.5)
	Visual gap(mm)	0(led moves outward0.25)	0.7(led moves outward0.15)	1.5	0(led moves outward2.5)
		128×128(0.0164m)	160×160(0.0256m)	320×160(0.102m)	495×495(0.025m)
	Telescopic unit resolution (Px)(W×H)	72×72	30×80	160×160	48×48
	Package size(W×H)(mm)	514×257(4×2)	644×483(4×3)	643×643(2×2)	1000×1000(2×2)
	Package thickness(mm)	380	320	380	1430
	Maximum telescopic stroke (mm)	300	200	300	600
	Maximum telescopic speed (mm/s)	400	300	300	800
	Fastest full expansion and contraction time (s)	<0.7	<0.7	<1.0	<1.5
	Number of telescopic units per square meter	61	39	9.8	4
	Equipment weight per square meter (Kg)	160	112	77	172
	Distribution power per square meter (W)	2030	1741	1284	1745
	Power supply requirements	⩽3KW uses 220V single power supply; ⩾ 3KW uses 380V three-phase five-wire power supply.			380V
	Screen brightness (cd/㎡)	⩾700	⩾700	⩾700	=7000
	Working temperature (°C)	0~40°C (no freezing)			10~60°C
	environment operating humidity (RH)	not rainproof, <70%RH (no condensation)			Rain proof, ⩽95%RH(dew)
	Other work environment requirements	Indoor (no direct sunlight), no corrosive gas, no flammable gas, no oil mist and dust			Outdoors (can be exposed to direct sunlight), no corrosive gases, no flammable gases, no oil mist and dust
	Heat dissipation structure	Open self-cooling (auxiliary fan cooling)			Semi-enclosed self-cooling (auxiliary fan cooling)

Application scenarios

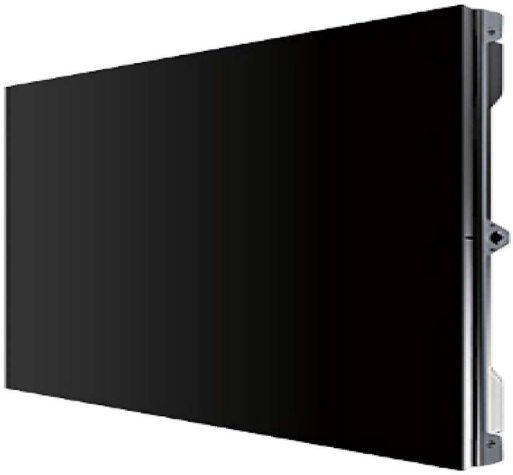








Black Crystal-Full Flip COB



- "Brilliant" international patented technology
- HDR3.0 national certification standard
- Micro spacing: 0.78/0.93/1.25/1.56

Product Features

"Brilliant" patented technology

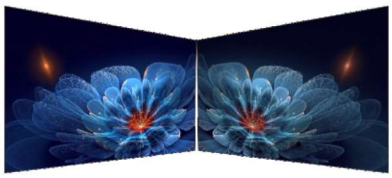
Pure Black" coating formula and manufacturing process create ultra-high static contrast, making images clearer and brighter.



Black Crystal SMD-LED

HDR3.0 national certification standard

The first domestic manufacturer to pass the HDR3.0, more colorful in details to similar products.



HDR ON HDR OFF

Ultra high reliability

The defective pixel rate is 5 parts per million, almost eliminating maintenance troubles for life and minimizing operating costs.



Black Crystal SMD-LED

Excellent protection

Protection class IP66 (shock-proof, crash-proof, moisture-proof, water-proof, dust-proof, anti-static, anti-oxidation) is safer and more reliable.



High efficiency and environmental protection

The use of full flip packaging technology, lower heat transfer efficiency, faster heat dissipation, power consumption is reduced by 20%, more energy saving.



Free arbitrary splicing

Support 1080P, 2K, 4K, 8K... Resolution display, free and arbitrary splicing.



Technical Parameters

600mm cabinet				
Model	SAM-COB0.7	SAM-COB0.9	SAM-COB1.2	SAM-COB1.5
Pixel	0.78mm	0.93mm	1.25mm	1.56mm
Pixel configuration	Full flipRGBLED(COB)	Full flipRGBLED(COB)	Full flip RGBLED(COB)	Full flip RGBLED(COB)
Pixel density	1643655 pixel/m^2	1137777 pixel/m^2	640000 pixel/m^2	409600 pixel/m^2
Cabinet size (W*H) mm	600*337.5	600*337.5	600*337.5	600*337.5
Cabinet resolution (W*H)	768*432	640*360	480*270	384 × 216
Weight	6.8±0.1kg	6.8±0.1kg	6.5±0.1kg	6.3±0.1kg
Brightness	0-800cd/㎡ Stepless adjustment	0-800cd/㎡ Stepless adjustment	0-800cd/㎡ Stepless adjustment	0-800cd/㎡ Stepless adjustment
Color depth	36bit (RGB)	36bit (RGB)	36bit (RGB)	36bit (RGB)
Contrast	100000:1	100000:1	100000:1	100000:1
Refresh frequency	3840Hz	3840Hz	3840Hz	3840Hz
Horizontal viewing angle/ Vertical viewing angle	⩾178°	⩾178°	⩾178°	⩾178°
Brightness uniformity	⩾98%	⩾98%	⩾98%	⩾98%
Cabinet flatness	⩽0.05mm	⩽0.05mm	⩽0.05mm	⩽0.05mm
Color temperature	3200-9300K adjustable	3200-9300K adjustable	3200-9300K adjustable	3200-9300K adjustable
Maintenance method	Front maintenance	Front maintenance	Front maintenance	Front maintenance
Operating temperature	-20°C-55°C	-20°C-55°C	-20°C-55°C	-20°C-55°C
Working humidity	10%-85%RH	10%-85%RH	10%-85%RH	10%-85%RH
HDR certification standard	HDR3.0	HDR3.0	HDR3.0	HDR3.0

Applicable scenarios

Monitoring command center, dispatch center, studio hall, shopping mall, high-end conference room, etc.






Carpet Screen

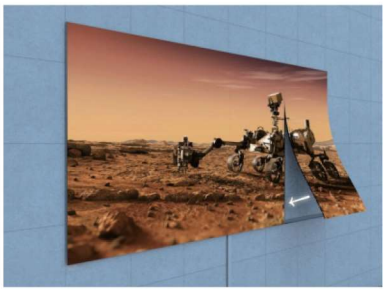


- Easy to install, looks like carpet
- To replace traditional floor screens
- W/O PC masks and splicing gaps
- Better display effects & flatness

Features

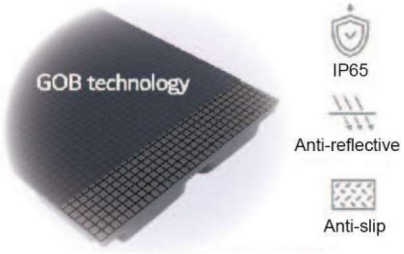
W/O splicing gaps and screw points

Seamless visual experience, enhance aesthetics, and avoid visual interference caused by traditional splicing



GOB technology

K10 anti-collision & IP65 waterproof ensure that the screen is anti-slip & anti-reflective, improving safety & durability



W/O Supporting structure

Without Support-free structure & bracket design, easy to install, and the load-bearing capacity is up to 2.5 tons



Ultra-light & ultra-thin

Just15 kg/㎡ weight & 10mm thick, easy to install & transport quickly. 10 sqm just 0.65 cbm of storage space



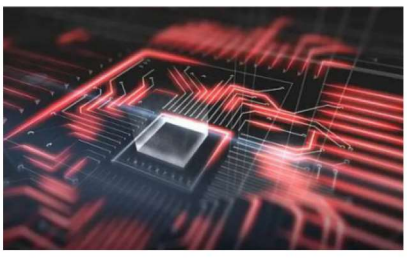
Precision aluminum components

Precision stretching process ensures high precision and excellent heat dissipation performance, extending product service life



Low-voltage design to be safe

24V low-voltage DC power supply to improve system safety

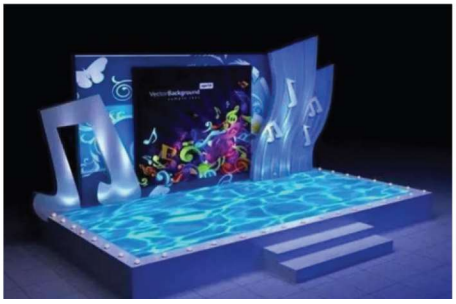


Technical Parameters

model	GOB-M1.25	GOB-M1.56	GOB-M1.953	GOB-M2.604	GOB-M3.91
Lamp	SMD1010	SMD1010	SMD1010	SMD1515	SMD2121
Pixel Pitch (mm)	1.25	1.56	1.953	2.604	3.91
Module Size (mm)	250(H) * 62.5(W)				
Module Resolution (dots)	200*50	160*40	128*32	96*24	64X16
color depth	12-16bit				
color	4.096-65.536				
Refresh rate (Hz)	⩾3.840				
Scanning method	1/50	1/40	1/32	1/24	1/16
brightness	>600cd/m²			>800cd/m²	
Visible distance (meter)	⩾12	⩾1.5	⩾1.9	⩾2.6	⩾3.9
Screen weight (kg/m)	120				
Viewing angle	110				
Input voltage(V)	DC24V				
Maximum power consumption	510W/sqm				
average power consumption	174W/sqm				
temperature	-20°C/+50°C(working) -40°C/+60°C(storage)				
Waterproof level	IP63/IP21				
humidity	10%-60%(working)				
Lifespan(hours)	100.000				
Maintenance method	Before and after maintenance				
led	Nationsalstar/Kinglight/LEDTech				
IC	ICN2076				
control system	Built-in Nova A5Splus receiving card/Colorite				

Application scenarios

Entertainment performances, exhibition halls, shopping malls, etc.







Transparent Film Screen



- High Transparency 90%
- Ultra-thin 2mm
- Ultra-light

Features

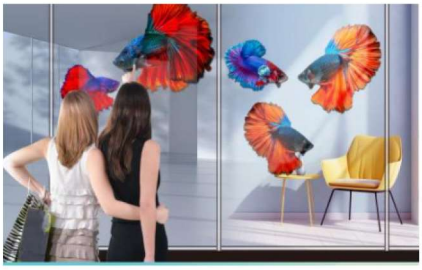
Ultra-thin design

2mm ultra-thin design for various application scenarios.



High transparency

Transparency up to 90%, almost invisible, maintaining visual transparency.



Ultra-light design

The weight per square meter is only 0.50kg, which is easy to install and move.



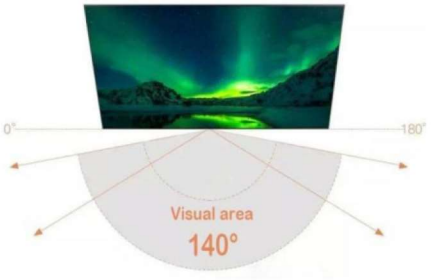
Elasticity & flexibility

Be bent and cut to meet different shapes and design needs.



Wide viewing angle up to 140°

The viewing angle is up to 140 degrees, and there is no viewing angle limit, no color cast, perfect image.



Technical Parameters

model	P4	P5	P6	P8	P10	P20
Module size(mm)	1000*240	1000*240	1000*240	1000*240	1000*240	1000*240
Module Pixels	250*60	200*48	166*40	125*30	100*24	50*12
Pixel/m^2	250*250	200*200	166*166	125*125	100*100	50*50
LED light source	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Brightness	1500CD/㎡	1500CD/㎡	1500CD/㎡	2500CD/㎡	3000CD/㎡	1200CD/㎡
Permeability	90%	90%	93%	93%	93%	95%
Refresh rate	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz
Peak power consumption	720W	720W	720W	720W	720W	720W
Average powe consumption	260W	260W	260W	260W	260W	260W
Workingenvironment	Humidity 10-75% Temperature -0-55	Humidity 10-75% Temperature -0-55	Humidity 10-75% Temperature -0-55	Humidity 10-75% Temperature -0-55	Humidity 10-75% Temperature -0-55	Humidity 10-75% Temperature -0-55
Service life	100000H	100000H	100000H	100000H	100000H	100000H
Cabinet size	static	static	static	static	static	static
Box screen	16bit	16bit	16bit	16bit	16bit	16bit
Cabinet size	Nova/Colorlight	Nova/Colorlight	Nova/Colorlight	Nova/Colorlight	Nova/Colorlight	Nova/Colorlight
Box screen	AC110-240V50/60HZ	AC110-240V50/60HZ	AC110-240V50/60HZ	AC110-240V50/60HZ	AC110-240V50/60HZ	AC110-240V50/60HZ
Cabinet size	160	160	160	160	160	160

Application scenarios

Application Scenarios: Advertising display, corporate exhibition hall, lighting decoration etc.

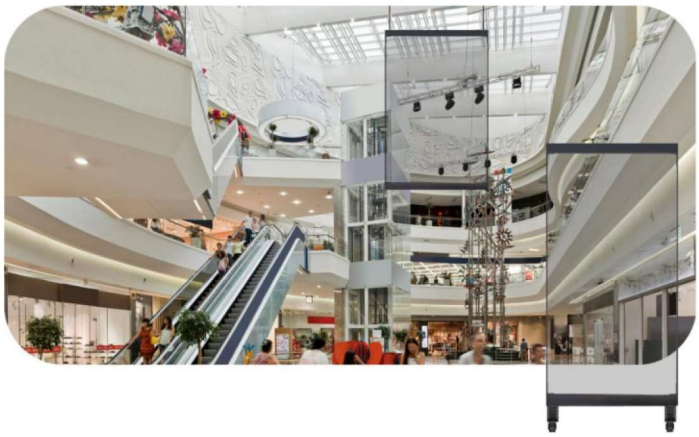








Holographic Transparent Screen



- Transparency up to 90%
- Ultra-thin design 1.8mm
- Ultra-light only 0.5kg/pc
- Flexible & Bendable

Features

Extremely transparent invisibility

Extremely transparent & invisible, frameless & skeletonless with transparency up to 90%

Light and flexible as you want

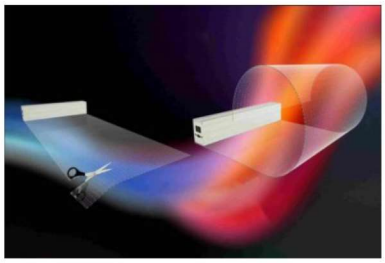
The screen is light, thin, transparent, soft and curved, be convenient to install.

Free cutting & unlimited creativity

Can bend & cut, suitable for curved glass/irregular screens.







3D holographic experience

To achieve intelligent display & interaction by integrating naked-eye 3D, AR/VR,AI, IOT etc.

Low-carbon and environmental design

Low-carbon & environmetal design by the common cathode drive LED light source, keep ultra-low temperature below 30°C





Technical Parameters

Model	SAM-LP300	SAM-LP300A	SAM-LP300B	SAM-LP300C
Pixel Pitch (mm)	3.91 (horizontal)/ 3.91(vertical)			
Pixel Density (dots/m^2)	65536			
Visual Transparency	>80%			
Module Size (mm)	2000*2200	1000*2200	2000*2200	1000*2200
Overall Screen Size (mm)	2000*2200*55	1000*2200*55	2000*2200*500	1000*2200*500
LED type	2121(lamp and IC 2 in 1)			
Weight(kg)	31.84	15.92	41.84	25.92
Resolution(dots)	512*512	256*512	512*512	256*512
LED Control System	Synchronous/Out of sync			
Brightness(cd/ m^2)	White balance brightness>3000cd/ m^2 ; automatic adjustment and manual adjustment based on ambient brightness.			
Visual Angle	160 ° horizontally, 140 °vertically			
Display Thickness(mm)	1.8			
FTP	√			
Average Lifetime(hours)	2.1 million			
Grayscale	⩾16(bit)			
White Color Temperature	5500K-15000K(adjustable)			
Drive mode	Static			
Attenuation	Less than 0.05% for 2 years			
MTBF(hours)	⩾10000			
Mxaximum power consumption(W/m^2)	1200			
Average power consumption(W/m^2)	450			
power supply requirements	200V~240V±10%;AC50HZ,Three-phase five-wire			
Working temperature	0°C~+60°C			
Working humidity	20%~85%, No condensation			
Storage temperature	-20°C~+65°C			
Storage humidity	10%~85%, No condensation			
Installation	Wall mounted,glass mounted,hoisted,stacked, customizable		/	
Packing and shipping	Carton/wooden box/flight case			

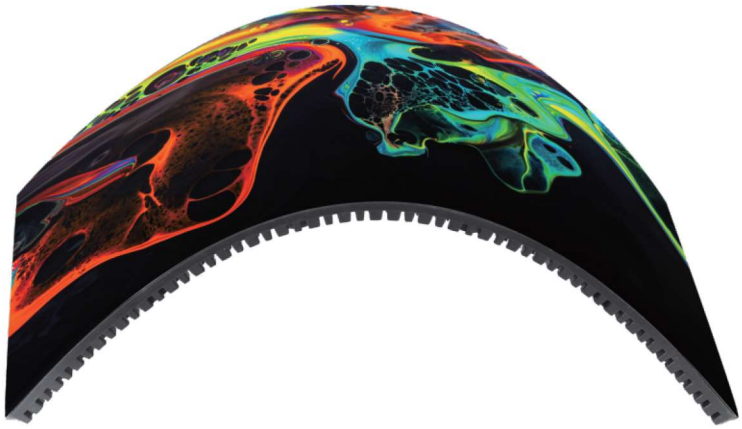
Application scenarios

Corporate promotion, retail, media, trade fairs, showrooms, concerts, events, architectural design, airports etc.



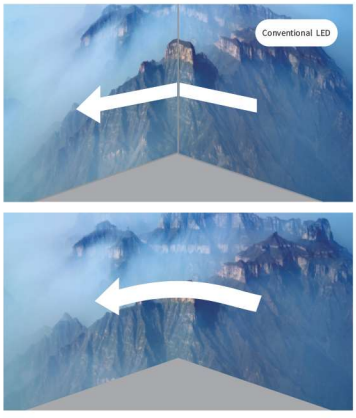



SAM-LED flexible soft module



- Ultra-thin module design
- High degree of freedom
- High ductility
- High flexibility
- High contrast
- High-definition

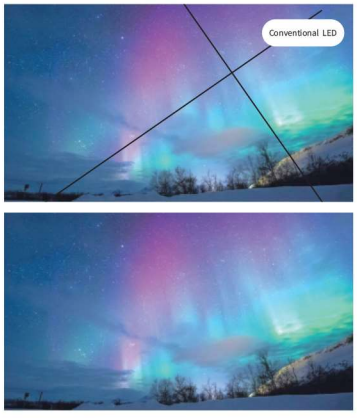
Characteristic



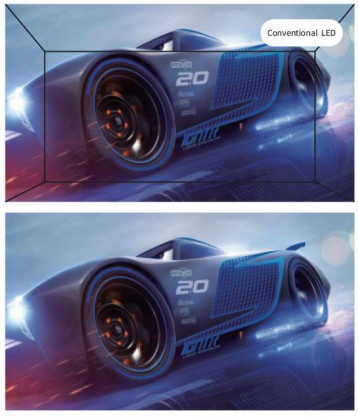
Effective solution to LED immersive display of right angle patchwork problem.



The screen is flat. Seamless connection, Seamless connection, no edges, no creases.

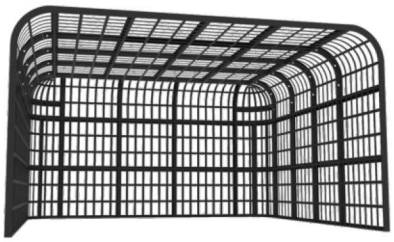


360°HD panoramic view, immersive visual experience.



Equipped with VR interactive virtual reality system, perfectly integrating real senses and virtual world.

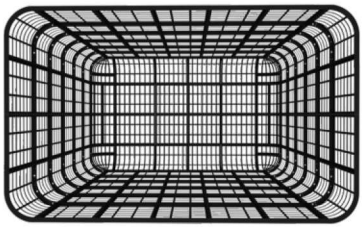
Application solution



Four-sided awning



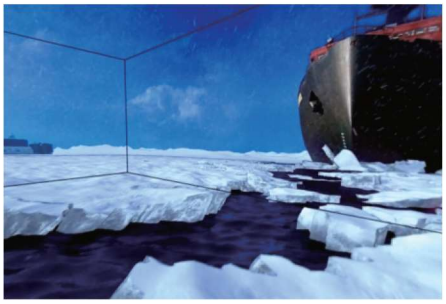
Four-sided curtain



Five-sided







Technical Parameters

Model	SAM-PC1.25	SAM-PC1.56	SAM-PC1.86	SAM-PC2.0	SAM-PC2.5	SAM-PC2.5
Pixel configuration	1R1G1B(Full color)					
Lamp package specifications	SMD1010	SMD1212	SMD1515	SMD1515	SMD1515	SMD1515
Pixel density (points/㎡)	640000	406406	288906	250000	160000	105625
Module size(mm)	320×160×8.6(Length × height × thickness)					
Module resolution	256×128	204×102	172×86	160×80	128×64	104×52
Scanning mode	64	51	43	40	32	26
Refresh frequency(Hz)	3840	3840	3840	3840	3840	3840
Frame change frequency(Hz)	64					
Grayscale(bit)	16	16	16	16	16	16
Assembled diameter (mm)	1222	815	611	611	407	407
curvature	⩾165°	⩾158°	⩾150°	⩾150°	⩾135°	⩾135°
Module bottom shell material	Silicone soft shell					
Module weight (g/ pcs)	330	340	340	340	290	290
Flatness(mm)	⩽0.3	⩽0.3	⩽0.5	⩽0.5	⩽0.5	⩽0.5
Installation/ maintenance method	Front or rear installation/maintenance					
brightness(cd/㎡)	600-650	700-750	700-750	700-750	700-750	700-750
Color temperature(K)	10000-12000 adjustable					
Horizontal viewing angle	140°	150°	150°	150°	150°	150°
Vertical viewing angle	120°	120°	120°	120°	120°	120°
Contrast	≥6000:1	≥5000:1	≥6000:1	≥6000:1	≥6000:1	≥6000:1
Maximum power consumption of module (W/pcs)	30	22	23	21	21	21
Peak power consumption (W/㎡)	600	430	450	410	410	410
Average power consumption (W/㎡)	170	123	128	118	118	118

Applicable scene







