

Step Into the Future With Sonic LED Displays.



Our Products

Outdoor and Indoor LED Display, Creative Display
(Flexible Module), DM Series and Transparent Screen.

Sonic Technologies

www.sonic.eg

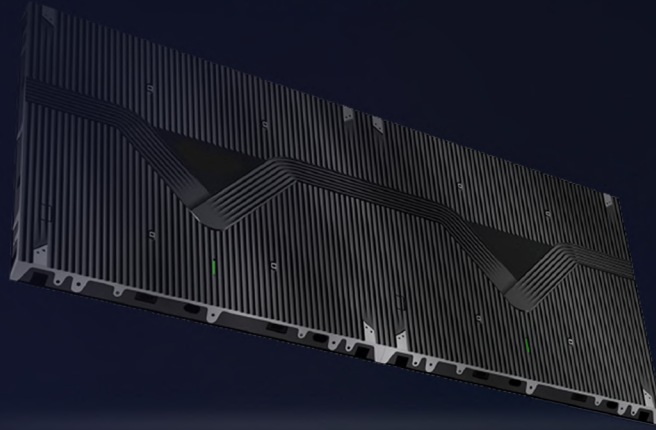
Full range compatible design

The cabinet is compatible with SMD, IMD or COB modules, and the different pixel pitch modules can be directly replaced and upgraded.

SMD

IMD

COB



Large size, slim design, endless possibilities

The structure and materials of the cabinet are specially weight-reduced to achieve an ultra-light weight of 11 kg per cabinet, bringing great convenience for transport and installation.

Thickness **39** mm


Weight **11** KG




Multiple technology solutions, creating infinite possibilities

Three innovative LED solutions satisfy diverse needs and enhance the viewing experience in semi-outdoor spaces..

SMD


 800nits Brightness

 16:9 Aspect ratio


 sRGB Colour gamut

Flip Chip SMD (high-bright)


 4000nits Brightness

 40% Energy Saving


 sRGB Colour gamut

 5X brighter than standard SMD

COB

 800nits Brightness

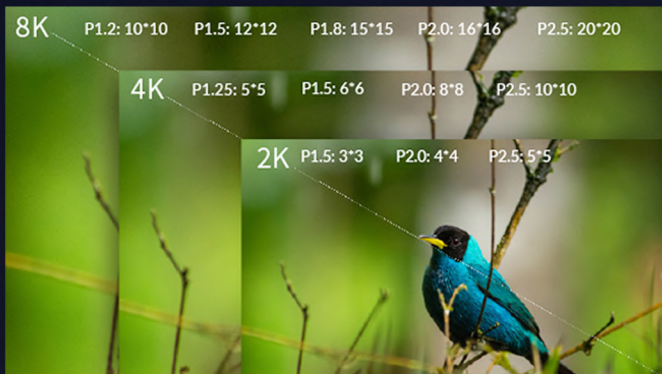
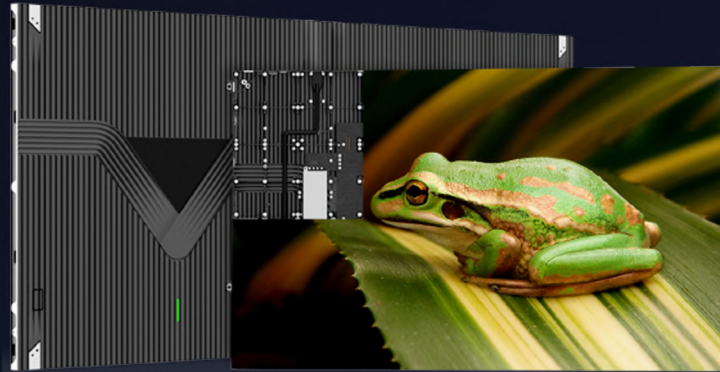
 40% Energy Saving

 DCI-P3 Colour gamut

 1,000,000:1 Contrast Ratio

Common cathode design for low power consumption

A common cathode design allows the series to reduce thermal energy conversion, lower screen temperature, and achieve 40% energy savings while extending screen service life.



Standardized ratios for easy display of UHD/FUHD images

Combining the international standard 16:9 aspect ratio with the large-size panel design, the standard resolution of HD, UHD, or FHD can be easily achieved with just a few panels.

Customised connector, six-way adjustment

Adopting customised connectors to connect the cabinet to the module, the module can be adjusted in six directions, giving the screen superb flatness and making the visual effect guaranteed.



Outdoor full color Q series E version



Good display effect



PCB flame retardant grade V0

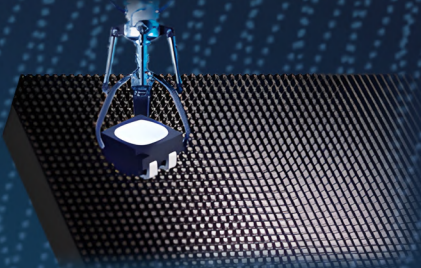


Reinforcement rib design

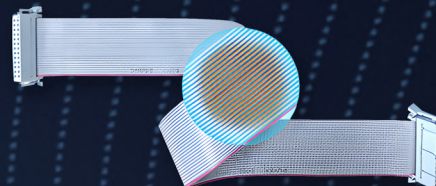


Stable performance

Powerful giant color standard lamp, stable performance and long service life



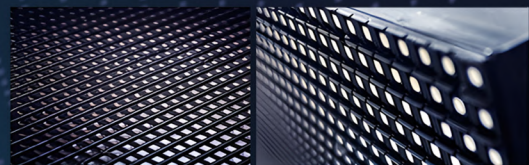
High-quality pure copper power cord and tinned copper cable, reliable quality and not easy to damage



320*160mm standard unit board size, product upgrade is more convenient



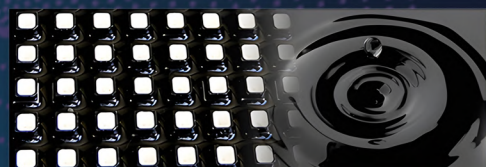
Independent research and development and production of masks, efficient dust protection, uniform ink color



The bottom shell is designed with vertical and horizontal reinforcement ribs, which is stable and reliable



High performance outdoor protective silicone, strong weather resistance, suitable for various harsh environments



Indoor full color Q series Pro version



Dual energy-saving PWM-SS driver chip



Advanced gray level



4200Hz refresh rate



Smart power saving

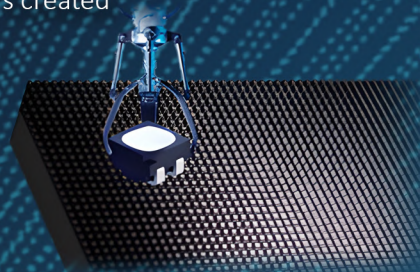
Using PWM-SS dual energy-saving driver IC, 4.2V power supply saves power, dynamic screen, intelligent energy saving

4200Hz ultra-high refresh rate, higher-definition photos and more comfortable viewing experience



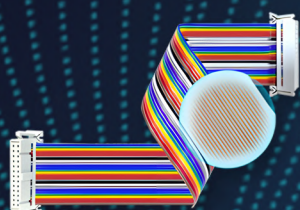
High grayscale and wide color gamut, the picture display is realistic and delicate, without color cast, restoring the original color

Strictly screen each lamp, the band and batch are unified to high standards, the display is uniform, and high quality is created



High-quality pure copper power cord, tinned copper colored cable, reliable quality, not easy to damage

320*160mm standard unit board size, product upgrade is more convenient



Outdoor LED Display

Q SERIES (PRO/E)

Q-pro adopts PWM-SS dual energy-saving driver IC,4K refresh rate.4.5V low voltage power supply, screen on standby dynamically, being energy-saving.

The masks are developed and produced independently by Sonic which have efficient dust-proof, good color uniformity.

The kit is designed of vertical and horizontal stiffeners which is more stable.

Using high-quality silicone, waterproof, moisture-proof, fast heat dissipation High-quality lamp, high contrast ratio, high stability.

High quality and indefectible accessories.



Usually used in Outdoor advertising media, government and enterprise projects, culture tourism, sports stadiums, commercial real estate and shopping stores.

SPECIFICATIONS

Items	Q-Pro Series (Outdoor)								Q-E Series (Outdoor)							
	Q2.5	Q3.0	Q4	Q5	Q6	Q6.6	Q8	Q10	Q2.5	Q3.0	Q4	Q5	Q6	Q6.6	Q8	Q10
Pixel Pitch(mm)	2.5	3.0	4	5	6	6.6	8	10	2.5	3.0	4	5	6	6.6	8	10
Scan	1/16	1/13	1/10	1/8	1/8	1/6	1/5	1/2	1/16	1/13	1/10	1/8	1/8	1/6	1/5	1/2
Module Size(mm)	320*160				192*192		320*160		320*160				192*192		320*160	
Module Resolution (Dots)	128*64	104*52	80*40	64*32	32*32	48*24	40*20	32*16	128*64	104*52	80*40	64*32	32*32	48*24	40*20	32*16
Pixel Density (Dots/m ²)	160000	105625	62500	40000	27777	22500	15625	10000	160000	105625	62500	40000	27777	22500	15625	10000
Energy Consumption Level	Grade 1								Grade 1							
Supply Voltage(v)	≥4.5								≥4.5							
Brightness(cd/m ²)	4500-6000								4500-5000							
Color Temperature(k)	6500~18000 Adjustable								6500~18000 Adjustable							
Contrast	≥5000 : 1								≥5000 : 1							
Driving IC	Energy-Saving High Refresh Rate PWM-SS								Energy-Saving Driving IC							
Gray Level (Bit)	13~14 Adjustable								12~13 Adjustable							
Refresh Rate (Hz)	≥4200								≥1920							
Maximum Power Consumption (W/m ²)	≤648	≤786	≤909	≤836	≤946	≤892	≤866	≤857	≤648	≤786	≤909	≤836	≤946	≤892	≤866	≤857
Average Power Consumption (W/m ²)	≤216	≤262	≤303	≤279	≤315	≤297	≤289	≤286	≤216	≤262	≤303	≤279	≤315	≤297	≤289	≤286
Warranty	1 Year															
Life-Span	≥100000 Hours															

Outdoor LED Display

S HIGH-END SERIES

Reliable, stable and having quality guarantee with gold wire lamp.

Adopting PWM/PWM-SS driver IC. 4K refresh rate. No water ripple when taking photo. Supporting 4.5v low voltage, screen on standby dynamically, being energy-saving IC transistors have wide spacing, pass large current, good voltage resistance, mature processing and more stable performance.

Viewing angle 140°, perfect viewing experience from multi-directions.

The masks are developed and produced independently by Sonic which have efficient dust-proof, good color uniformity Vertical and horizontal stiffener design, stable and reliable.

Using high-quality silicone, waterproof, moisture-proof, fast heat dissipation, excellent resistance, long lifespan.

It adopts perfect drainage holes and reinforcement rib design for construction engineering mechanics, thick bottom shell, and easy to make large screen.



Usually used in outdoor advertising media, government and enterprise engineering, cultural tourism, sports venues, commercial real estate and other fields.

SPECIFICATIONS

Items	S Series (Outdoor)							
	S2	S2.5	S3.0	S4	S5	S6.6	S8	S10
Pixel Pitch(mm)	2	2.5	3.0	4	5	6.6	8	10
Scan	1/20	1/16	1/13	1/10	1/8	1/6	1/5	1/2
Module Size(mm)	320*160							
Module Resolution (Dots)	160*80	128*64	104*52	80*40	64*32	48*24	40*20	32*16
Pixel Density (Dots/m ²)	250000	160000	105625	62500	40000	22500	15625	10000
Energy Consumption Level	Grade 1							
Supply Voltage(v)	≥4.5							
Brightness(cd/m ²)	5500-6000		5500-7000					
Color Temperature(k)	6500~18000 Adjustable							
Contrast	≥5000 : 1							
Driving IC	Energy-Saving High Refresh Rate PWM-SS							
Gray Scale(Bit)	≥14 Adjustable							
Refresh Rate(Hz)	≥4200							
Maximum Power Consumption (W/m ²)	≤918	≤648	≤786	≤909	≤836	≤946	≤866	≤857
Average Power Consumption (W/m ²)	≤306	≤216	≤262	≤303	≤279	≤316	≤289	≤286
Warranty	1 Year							
Life-Span	≥100000 Hours							

Indoor LED Display

QM CABINET SERIES

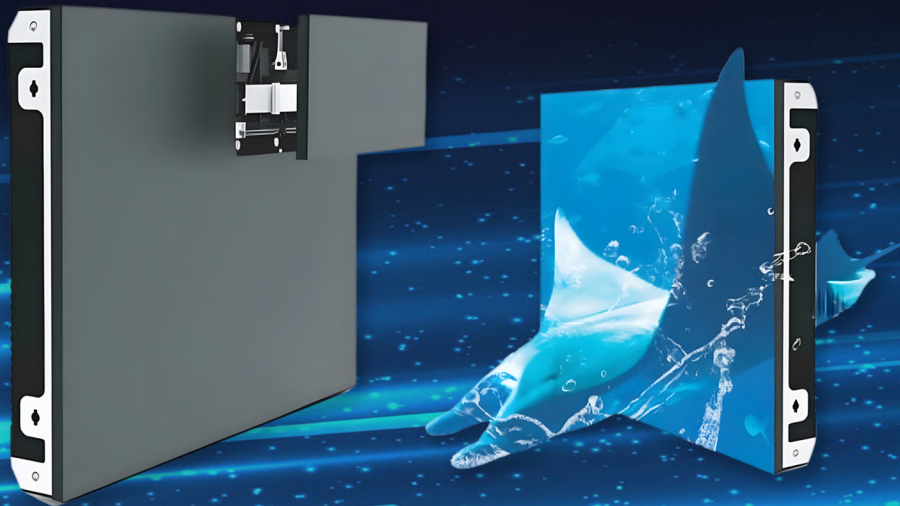
Complete front service without prepared extra space for repair. Saving 70% installation space.

Supporting customerized control system card and back-up power supply.

Cabinet and module are designed separately to achieve the independent assemble.

Achieving seamless and screen flat like mirror.

Without changing the cabinet and structure, only replace the module, the upgrade process is easy to achieve.



Usually used in indoor hall, conference hall, school, airport, exhibition hall, TV station, monitoring center and command center.

SPECIFICATIONS

Items	QM-Pro-08	QM-Pro-0	QM-Pro-1					QM-Pro-2					QM-E						
Match Pixel Pitch Module Size(mm)	0.8	1	1.2	1.3	1.5	1.6	1.5	1.8	2	2.5	3.0	4	1.5	1.6	1.8	2	2.5	3.0	4
Scan	1/45	1/40	1/32	1/29	1/26	1/32	1/52	1/43	1/40	1/32	1/26	1/20	1/52	1/32	1/43	1/40	1/32	1/26	1/20
Module (W*H)	2*3																		
Cabinet Size(mm)	640*480																		
Cabinet Frame Material	Aluminum Alloy																		
Cabinet Weight(kg)	5	5	5	5					3.2 (Frame Only)										
Cabinet Flatness(mm/m²)	<0.15																		
Adapter Board Configuration	Hub320 Interface/ Green Adapter Board	Hub320 Interface/ Green Adapter Board	Hub320 Interface/ Green Adapter Board					Hub75 Interface / Blue Adapter Board					/						
Using Environment	Indoor																		

Indoor LED Display

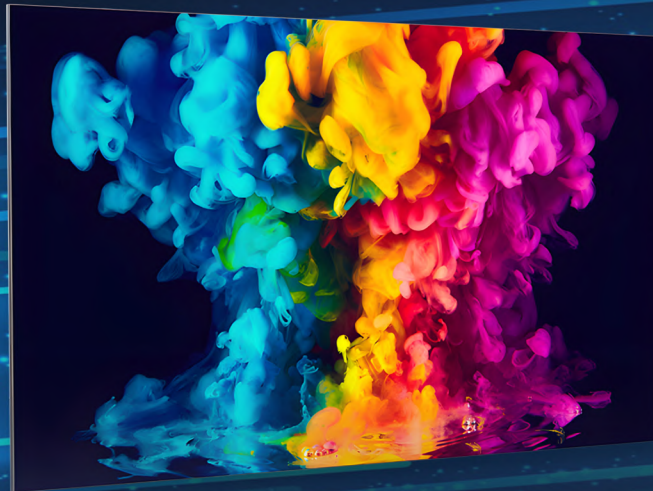
Q SERIES(H/E)

Q-H series adopts PWM energy-saving high refresh driver IC. High definition image with clear and delicate view impression.

Q-E series adopts deghosting updated ic ,removing Ghost line and cross reflection,high quality display.

IC transistors have wide spacing, large overcurrent, good voltage resistance, mature processing and more stable performance Complete product models with320*160 mm standard universal size.

Matching with MG cabinet and supporting free DIY, separate installation and full front maintenance.



Usually used in prominent positions in indoor halls, TV studios, Exhibition halls, Cinema, Government Departments, Conference rooms, Entertainment places, Schools, Hospitals, performing arts centers and other fields.

SPECIFICATIONS

Items	Q-H Series (Indoor)			Q-E Series (Indoor)			
	Q1.8	Q2	Q2.5	Q2.5	Q3	Q3.0	Q4
Pixel Pitch(mm)	1.8	2	2.5	2.5	3	3.07	4
Scan	1/43	1/40	1/64	1/32	1/32	1/26	1/20
Module Size(mm)				320*160	192*192	320*160	
Module Resolution (Dots)	172*86	160*80	128*64	128*64	64*64	104*52	80*40
Pixel Density (Dots/m ²)	288906	250000	160000	160000	111111	105625	62500
Energy Consumption Level	Grade 1			Grade 1			
Supply Voltage(v)	≥4.5			≥4.5			
Brightness(cd/m ²)	500-600			500-600			
Color Temperature(k)	6500~18000 Adjustable			6500~18000 Adjustable			
Contrast	≥5000 : 1			≥5000 : 1			
Driving IC	Energy-Saving Driving IC			Energy-Saving Driving IC			
Gray Scale (Bit)	12~13 Adjustable			12~13 Adjustable			
Refresh Rate (Hz)	≥3840			≥1920			
Maximum Power Consumption(W/m ²)	≤439	≤439	≤457	≤457	≤525	≤413	≤465
Average Power Consumption(W/m ²)	≤147	≤147	≤153	≤153	≤175	≤138	≤155
Warranty	1 Year						
Life-Span	≥100000 Hours						

Indoor LED Display

Q SERIES(PRO)

Q-Pro adopts PWM-SS dual energy-saving driver IC ,4K refresh rate, photo no water ripple support 4.2V low voltage start ,more energy saving.

Support 4.5V low voltage, being energy-saving.

IC transistors have wide spacing, large overcurrent, good voltage resistance, mature processing and more stable performance.

Complete product model,standard universal size of 320*160mm.

IC transistors have wide spacing, large overcurrent, good voltage resistance, mature processing and more stable performance.

Complete product model,standard universal size of 320*160mm.



Usually used in information centers ,demonstration centers and command centers,indoor halls,TV studio,exhibition halls,Cinema,government departments,conference rooms,entertainment venues ,schools,hospitals,performing arts centers.

SPECIFICATIONS

Items	Q-Pro Series (Indoor)											
	Q0.8	Q1	Q1.2	Q1.3	Q1.5	Q1.6	Q1.8	Q2	Q2.5	Q3	Q3.0	Q4
Pixel Pitch(mm)	0.8	1	1.2	1.3	1.5	1.6	1.8	2	2.5	3	3.0	4
Scan	1/45	1/40	1/64	1/29	1/52	1/32	1/43	1/40	1/32	1/32	1/26	1/20
Module Size(mm)	320*160									192*192	320*160	
Module Resolution (Dots)	360*180	320*160	256*128	232*116	208*104	192*96	172*86	160*80	128*64	64*64	104*52	80*40
Pixel Density (Dots/m ²)	1265625	1000000	640000	525625	422500	360000	288906	250000	160000	111111	105625	62500
Energy Consumption Level	Grade 1											
Supply Voltage(v)	≥4.5											
Brightness(cd/m ²)	600-700(After Calibration)		600-700									
Color Temperature(k)	6500~18000 Adjustable											
Contrast	≥5000 : 1											
Driving IC	Energy-Saving High Refresh Rate PWM-SS											
Gray Scale (Bit)	13~14 Adjustable											
Refresh Rate (Hz)	≥4200											
Maximum Power Consumption(W/m ²)	≤703	≤791	≤580	≤580	≤580	≤580	≤439	≤439	≤457	≤525	≤413	≤465
Average Power Consumption(W/m ²)	≤235	≤264	≤194	≤194	≤194	≤194	≤147	≤147	≤153	≤175	≤138	≤155
Warranty	1 Year											
Life-Span	≥100000 Hours											

Indoor LED Display

S HIGH- END SERIES

Reliable, stable and quality guaranteed with gold wire lamp.
 Adopting PWM-SS dual energy-saving driving IC, 4K refresh rate and no water ripple when taking photo.
 Supporting 4.5V low voltage, screen on standby dynamically, being energy-saving.
 IC transistors have wide spacing, large overcurrent, good voltage resistance, mature processing and more stable performance.
 Complete product models with 320*160 mm standard universal size.
 Matching with MG cabinet and supporting free DIY, separate installation and full front maintenance.
 Viewing angle 140° to realize perfect viewing experience from multi-directions.



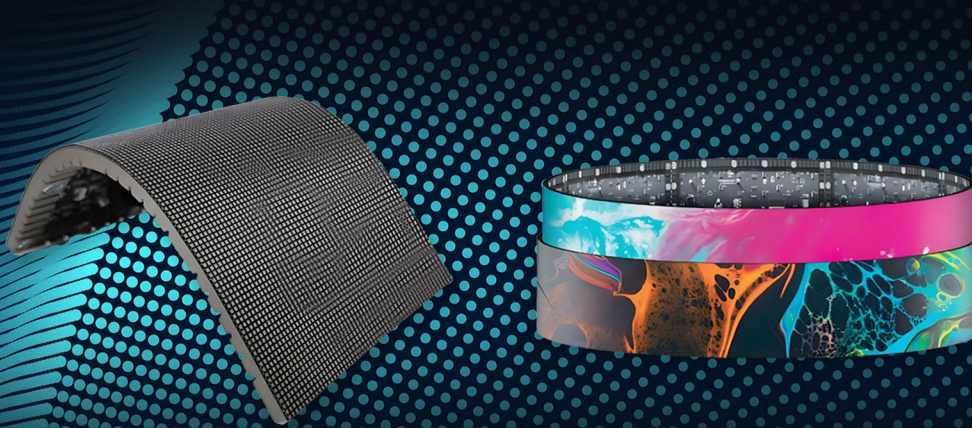
Usually used in indoor halls, TV studios, exhibition halls, Cinema, Government departments, conference rooms, entertainment venues, schools, hospitals, performing arts centers.

SPECIFICATIONS

Items	S Series (Indoor)											
	S0.8	S1	S1.2	S1.3	S1.5	S1.6	S1.8	S2	S2.5	S3	S3.0	S4
Pixel Pitch(mm)	0.8	1	1.2	1.3	1.5	1.6	1.8	2	2.5	3	3.0	4
Scan	1/45	1/40	1/32	1/29	1/26	1/32	1/43	1/40	1/32	1/32	1/26	1/20
Module Size(mm)	320*160									192*192	320*160	
Module Resolution (Dots)	360*180	320*160	256*128	232*116	208*104	192*96	172*86	160*80	128*64	64*64	104*52	80*40
Pixel Density (Dots/m ²)	1265625	1000000	640000	525625	422500	360000	288906	250000	160000	111111	105625	62500
Energy Consumption Level	Grade 1											
Supply Voltage(v)	≥4.5											
Brightness(cd/m ²)	600-700(After Calibration)		700-800									
Color Temperature(k)	Adjustable Range From 6500 to 18000											
Contrast	≥5000 : 1											
Driving IC	PWM-SS Energy-Saving Driving IC											
Gray Scale (Bit)	≥14											
Refresh Rate (Hz)	≥4200											
Maximum Power consumption(W/m ²)	≤703	≤791	≤580	≤580	≤580	≤580	≤439	≤439	≤457	≤525	≤413	≤465
Average Power Consumption(W/m ²)	≤235	≤264	≤194	≤194	≤194	≤194	≤147	≤147	≤153	≤175	≤138	≤155
Warranty	1 Year											
Life-Span	≥100000 Hours											

FLEXIBLE MODULE SERIES

Flexible module to achieve a new vision level, let the enjoyment go beyond flat display.
 Four LED modules can be formed a cylindrical screen.
 Screen is thin and light, beautiful and elegant, and the thickness of the unit board is only 7.5mm, saving lots of installation space. Deep V-shaped silicone bottom shell Design makes LED modules softer and supports large-angle display.
 Attached strong magnetic magnets, easy to stick, reliable adsorption, support fine-tuning to ensure balance.
 High-quality 3M glue bonding, no degumming, no warping of PCB, more secure to use. Easily create cylindrical screens, streamer screens, and wave screens, making the screen more creative and versatile.



Usually used in scenic spots, shopping malls, planning halls, science and technology museums, art galleries, museums and creative centers.

SPECIFICATIONS

Items	Flexible Module H-R(Indoor)				Flexible Module Pro-R(Indoor)			
	Q1.5H-R	Q1.8H-R	Q2.0H-R	Q2.5H-R	Q1.5Pro-R	Q1.8Pro-R	Q2.0Pro-R	Q2.5Pro-R
Pixel Pitch(mm)	1.5	1.8	2.0	2.5	1.5	1.8	2.0	2.5
Scan	1/52	1/43	1/40	1/64	1/52	1/43	1/40	1/64
Module Size(mm)	320*160							
Module Resolution(Dots)	208*104	172*86	160*80	128*64	208*104	172*86	160*80	128*64
Pixel Density(Dots/m ²)	422500	288906	250000	160000	422500	288906	250000	160000
Energy Consumption Level	Grade 1							
Supply Voltage(v)	≥4.5							
Brightness(cd/m ²)	450-500				500-600			
Color Temperature(k)	6500~18000 Adjustable							
Contrast	≥5000 : 1							
Driving IC	PWM Energy-Saving Driving IC							
Gray Scale(Bit)	12~13 Adjustable				13~14 Adjustable			
Refresh Rate(Hz)	3840	3840	3840	3840	4200	4200	4200	4200
Maximum Power Consumption(W/m ²)	≤580	≤439	≤439	≤457	≤580	≤439	≤439	≤457
Average Power Consumption(W/m ²)	≤193	≤146	≤146	≤153	≤193	≤146	≤146	≤153
Warranty	1 Year							
Life-Span	≥100000 Hours							

DM SERIES

High versatility, multiple assembly methods, support for variety of cabinet assembly.
Universal signal interface, power interface.

Pro series adopt PWM-SS dual energy-saving driver IC, 4K refresh rate, without moire phenomenon when photograph. 4.5 V low voltage power supply, dynamic screen locked state, more energy saving.

E series adopt CS- PWM chip to meet basic usage requirements.



Usually used in information centers, presentation centers and command centers, indoor halls, TV studios, exhibition halls, Cinema, government departments, conference rooms, entertainment venues, schools, hospitals, performing arts centers and other places.

SPECIFICATIONS

DM SERIES

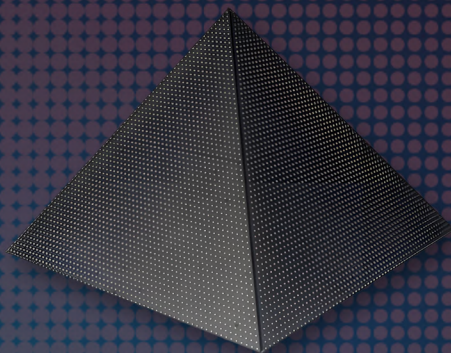
Items	DM Series (Indoor)			DM Series (Outdoor)	
	P3.9-E	P2.6-Pro	P3.9-Pro	P3.9-Pro	P4.8-Pro
Pixel Pitch(mm)	3.9	2.6	3.9	3.9	4.8
Scan	1/16	1/24	1/16	1/16	1/13
Module Size(mm)	250*250			250*250	
Module Resolution (Dots)	64*64	96*96	64*64	64*64	52*52
Pixel Density (Dots/m ²)	65536	147456	65536	65536	43264
Energy Consumption Level	Grade 1			Grade 1	
Supply Voltage(v)	≥4.5			≥4.5	
Brightness(cd/m ²)	500-600	600-700		4000-5000	
Color Temperature(k)	6500~18000 Adjustable			6500~18000 Adjustable	
Contrast	≥5000 : 1			≥5000 : 1	
Driving IC	Energy-Saving IC	Energy-Saving High Refresh Rate PWM-SS		Energy-Saving High Refresh Rate PWM-SS	
Gray Level (Bit)	12~13 Adjustable	≥13 Adjustable		≥13 Adjustable	
Refresh Rate (Hz)	≥1920	≥3840		≥3840	
Maximum Power Consumption(W/m ²)	≤675	≤675	≤675	≤720	≤720
Average Power Consumption(W/m ²)	≤225	≤225	≤225	≤240	≤240
Warranty	1 Year				
Life-Span	≥100000 Hours				

Triangle LED Display

The triangular LED display breaks the regular shape of the traditional LED display. It can not only be assembled into a triangle, but also combined with diamonds, gems, stars, angles and other conventional or irregular geometric LED creative screens according to customer needs. The display combined with the triangular LED display has a stronger visual impact, which is more eye-catching for publicity and more unique for decoration.



Product Features



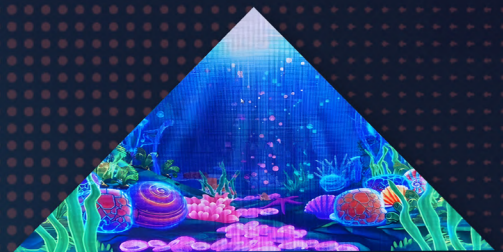
Unlimited Triangle LED Module

The triangle led panel is able to create lots of irregular shapes, such as triangle, hexagon, diamond, pyramid, round and other polygonal screens. It's really great to design unlimited and creative led displays which is more attractive for potential audiences.

Seamless Installation

Triangle led display can be seamless connection and installation for a perfect visual performance.

It can ensure a smooth surface and flatness for a better visual experience.



Seamless stitching

The display has high contrast, good flatness and small splicing gap.



High Contrast

Our Triangle LED Module eliminates the mosaic phenomenon, offering outstanding color uniformity and high contrast. Combined with its luminous brightness, the Triangle LED Module guarantees vivid and vibrant images that will captivate your audience.

Creative customization

According to the needs, splicing into rhombus, triangle and other polygonal display screens can be used for indoor wall and floor decoration, and the size can be customized according to customer requirements.





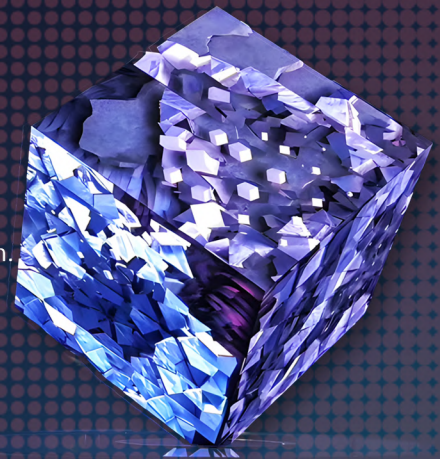
High Refresh Rate

All models triangle led screen can be 3840hz high refresh rate which is flicker-free for camera shooting. This excellent performance ensures that all contents is presented for the best. Make it unforgettable visual experience for all audiences.



Stable and Reliable

The Triangle LED screen is made by distributed scanning and modular design techniques for exceptional reliability and stability. This means it's very stable and reliable to perform consistently and presents the highest quality videos without worrying about technical issues.



Outdoor LED Cube Display

Xtronics LED also offers led cube for outdoor applications with front service solution. It also can be 4, 5 or 6 sides. Outdoor led cube display is high bright & waterproof too. Pitches is available from 3.91mm to 10mm and custom sizes.

SPECIFICATIONS

Model	P2.5	P3	P4
Pixel Pitch	2.5mm	3mm	4mm
LED Type	SMD2121	SMD2121	SMD2121
Pixel Density	160,000 Pixels/m ²	111,111 Pixels/m ²	62,500 Pixels/m ²
Cabinet Size	320×320×58mm	576×576×58mm	300×300×58mm
Cabinet Material	Iron	Iron	Iron
Cabinet Weight	8kg	12kg	4.5kg
Brightness	800nits	1000nits	1000nits
Viewing Angle	H: 160°; V: 160°	H: 160°; V: 160°	H: 160°; V: 160°
Input Voltage	AC100-240V	AC100-240V	AC100-240V
Max. Power	550W/m ²	550W/m ²	550W/m ²
Ave. Power	200W/m ²	200W/m ²	200W/m ²
Working Temperature	-20°C ~ +50°C	-20°C ~ +50°C	-20°C ~ +50°C
Working Humidity	10%—90%RH	10%—90%RH	10%—90%RH
Environment	Indoor	Indoor	Indoor

Sphere LED Display

Sphere LED screen, also called led video ball, is a kind of creative led display which could be seen from 360 degree. Spherical led screen is perfect for creative design and solution, which is for museum, shopping mall, conference room, events, exhibitions etc.

Sphere led video display is custom made size & solution. It is more attractive and eye-catching with sphere led display panel.



Product Features



Seamless Splicing

Our Led video ball adopts trapezoidal circuit design. Perfect for good flatness and seamless splicing with our sphere led screen. It's high refresh rate and color uniformity for excellent visual performance with our led video ball

Uniform Tapping

Sphere LED screen supports uniform tapping technology. The visual performance is not distorted with such sphere led display technology. It can keep the most vivid picture and video quality for our led video ball



Easy Control & User-friendly Software

Synchronous & asynchronous mode
Live broadcasting & autoplay without PC
WiFi & USB control; Plug & Play solution via USB disk
HDMI is available for controller and video processor
Spherical led display screen can work 24/7 hours

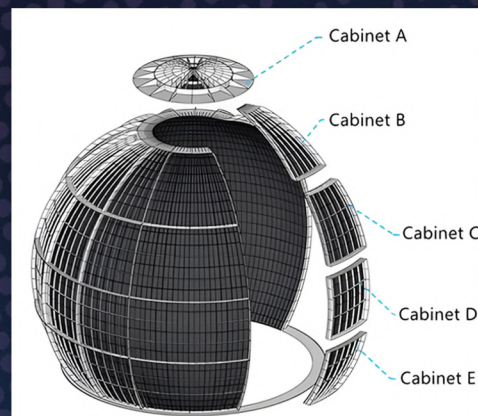
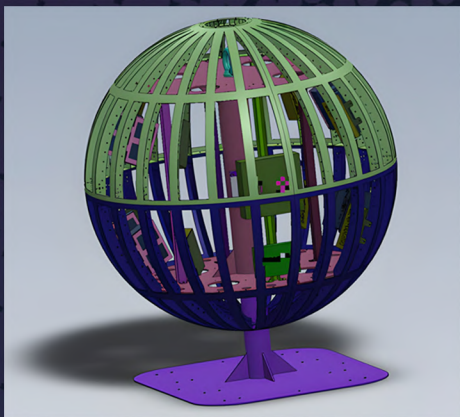
Outdoor Spherical LED Display

For outdoor applications. It's totally waterproof for IP68 protections and high bright. Pitches is from 5mm, 6mm to 10mm



Steel Structure of the Sphere Display Screen

The design and manufacture process of the steel structure of the LED spherical display screen also has high requirements. If the structure is not precise enough, it will affect the surface fixation of the module, the flatness of the splicing and whether there are obvious seams. These will eventually affect the display effect. Larger diameter LED spherical displays are shipped in several parts, and then reassembled on site. If the structural design is reasonable, it will reduce the difficulty of installing large-sized spherical displays, saving time and manpower.



SPECIFICATIONS

Model	P2	P2.5	P2.5	P3	P3
Pixel Pitch	2mm	2.5mm	2.5mm	3mm	3mm
LED Type	SMD1515	SMD2121	SMD2121	SMD2121	SMD2121
Pixel Type	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Diameter	1.2m	1.2m	2m	0.76m	2.5m
Brightness	850nits	1000nits	1000nits	1200nits	1200nits
Total Pixel	1,002,314 Pixel	638,700 Pixel	1,968,348 Pixel	202,000 Pixel	1,637,850 Pixel
Total Area	4.52 m ²	4.52 m ²	12.56 m ²	1.82 m ²	19.63 m ²
Scan	1/27	1/27	1/27	1/27	1/27
Weight	100kg	100kg	400kg	80kg	400kg
Refresh Rate	≥1920Hz	≥1920Hz	≥1920Hz	≥1920Hz	≥1920Hz
Input Voltage	AC100-240V	AC100-240V	AC100-240V	AC100-240V	AC100-240V
Grey Level	16 Bit	16 Bit	16 Bit	16 Bit	16 Bit
Lifespan	100,000 hs	100,000 hs	100,000 hs	100,000 hs	100,000 hs
Operating Temperature	-30 °C ~ +70 °C	-30 °C ~ +70 °C	-30 °C ~ +70 °C	-30 °C ~ +70 °C	-30 °C ~ +70 °C
Operating humidity	10%~75%	10%~75%	10%~75%	10%~75%	10%~75%
Environment	Indoor	Indoor	Indoor	Indoor	Indoor

TRANSPARENT SCREEN SERIES

Transparent LED screen, also known as a transparent display or see-through display, is a cutting-edge technology that combines the benefits of traditional LED screens with transparency. Unlike conventional displays that obstruct the view behind them, transparent LED screens allow light and images to pass through, creating an immersive and visually stunning experience.



Usually used in Museum Exhibits, Corporate Lobbies, Airports and Transportation Hubs, Trade Shows and Exhibitions, Advertising and Marketing, Product Displays and Smart Homes and Offices.

SPECIFICATIONS

Items	Transparent Screen Series (Indoor)				Transparent Screen Series (Outdoor)		
	JS3.9	JS7.8	JS10.4	JS15.6	CT3.9	CT7.8	CT10.4
Pixel Pitch(mm)	3.9*7.8	7.8*7.8	10.4*10.4	15.6*15.6	3.96*7.81	7.81	10.4
Scan	1/4	1/4	1/2	Static	1/4	1/4	1/2
Pixel Density (Dots/m ²)	32768	16384	9216	4096	32256	16384	9216
Module Resolution (Dots)	16384	8192	4608	2048	4032	2048	1152
Brightness(cd/m ²)	5500	6500			4500		
Transparency	>70%		>80%	>90%	>45%		>60%
Angle Of View	160°				140		
Gray Scale (Bit)	16				14		
Scanning Method	4		2	Static	7	4	3
Refresh Rate (hz)	3840				3840		
Change Frame Frequency (Hz)	60				60		
Maintenance Method	Back Maintenance				Front And Back Maintenance		
Heat (w)	70	65			80		
Maximum Power Consumption(W/m ²)	720				800		
Degree Of Protection	IP4X				IP65		
Working Environment	-20°~45°				-30°~50°		
Weight (Kg/m ²)	14		13.5	13	16		15

QUALIFICATION CERTIFICATE



OUR PARTENERS





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