

SHENZHEN AUROLED TECHNOLOGY CO.,LTD

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SHENZHEN AUROLED TECHNOLOGY CO.,LTD

- Products catalogue -





Shenzhen AuroLED Technology Co., Ltd. (abbreviated as "AuroLED") was established in 2012. The headquarter is located in Qiaode Science and Technology Park, No. 7 Road, Guangming New District, Shenzhen. With a registered capital of 55 million yuan, it is a national high-tech enterprise. A creative LED display manufacturer integrating R&D, production, sales and service.

AuroLED has developed rapidly since its establishment, and now its production and operation area is nearly 15,000 square meters. It has a complete industrial chain from COB device packaging to providing overall intelligent solutions, and its scale is second to none in this industry. AuroLED has purchased several top-ranking production and testing equipments in the industry and strictly controls the quality. Each product has successively passed the CCC national compulsory product certification and CE\FCC\RoHS certification, and obtained more than 40 invention patents. Computer software copyrights, utility model patents and design patents.

AuroLED specializes in innovative display screens such as LED transparent screens and COB small pitches. It has a very strong research and development capability and engineering capability and can perfectly realize various design ideas of customers. Products have been widely used in the real estate industry, hotel industry, exhibition halls, conference centers, command and control centers, brand chain stores, automotive 4S stores and other areas, and has established many well-known cases throughout the country, such as the eyes of Sina, Liyang River City, Guangzhou Science City, Binzhou Science and Technology Museum, Wuhan K11 Art Shopping Center, etc.

In order to better get close to users and projects, and provide faster, better, and more professional services, our company has set up offices in Beijing, Shanghai, Zhengzhou, and Chengdu (industry-specific), and joint headquarters in Shenzhen, to achieve National layout.

It is AuroLED's mission to forge high-quality products and create high-quality life for its employees.

Innovation, value creation, gratitude and sharing are the core values of AuroLED;

AuroLED is willing to join hands with friends from all walks of life to make LED display more diversified, to change the horizon with innovative frontier technology!



AuroLED is committed to providing customers with integrated LED display solutions

CERTIFICATE OF HONOR

Qualifications and patents of AuroLED

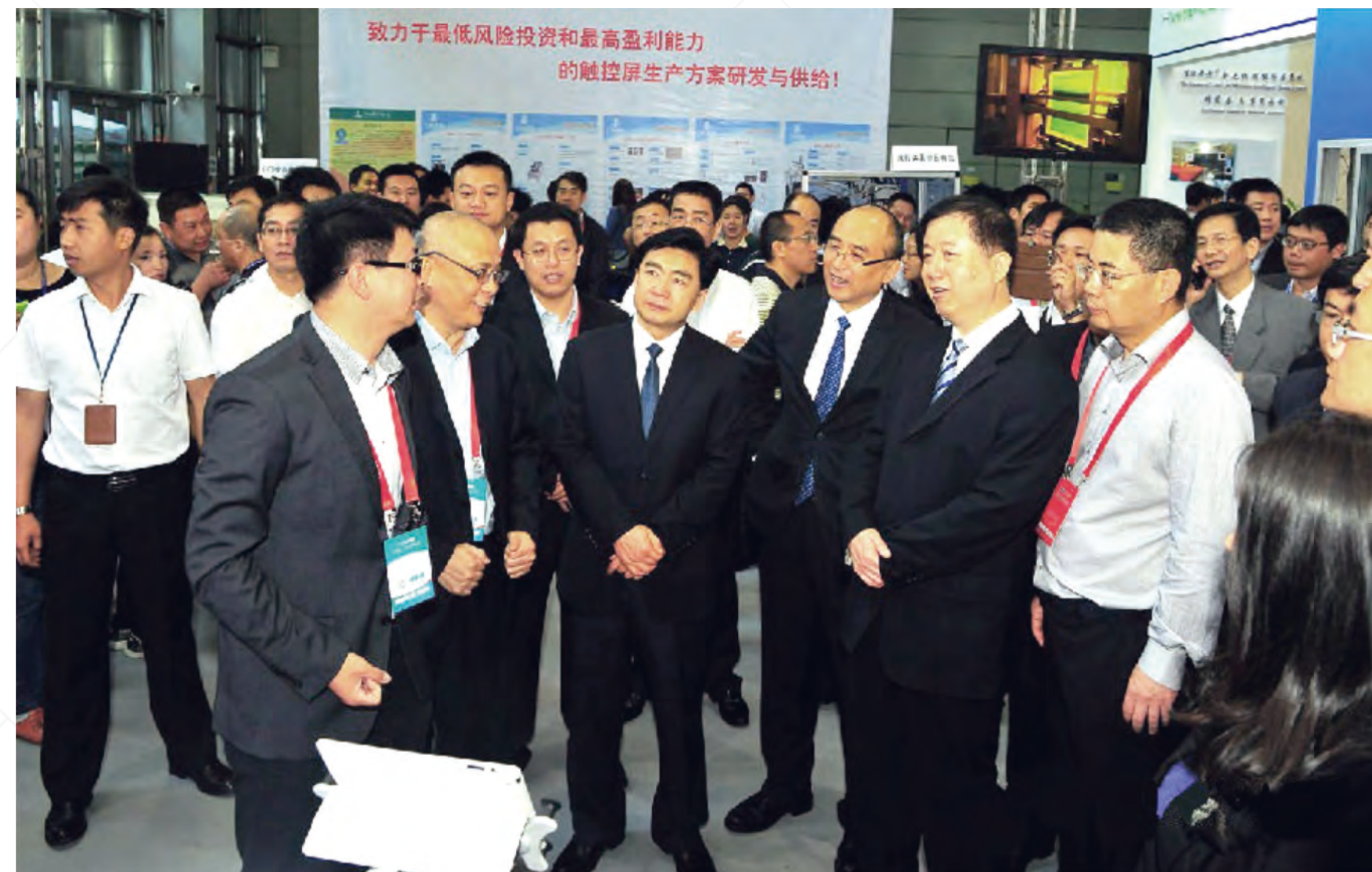
AuroLED focused on innovation and change and obtained more than 40 utility model patents, design patents and invention patents.





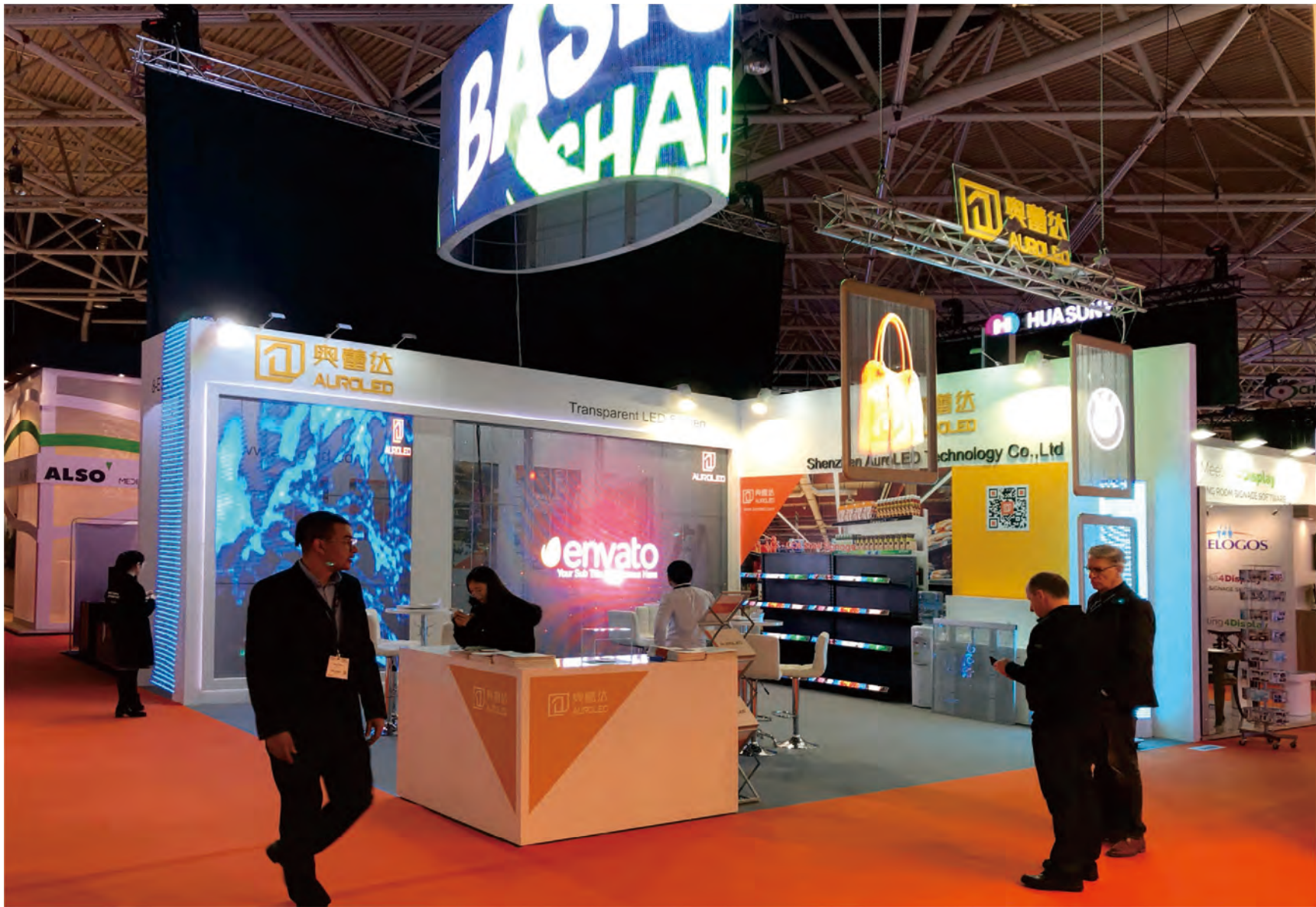
"AuroLED" won the approval of the National Vice President

In 2015, the first session of the China Innovation and Technology Achievements Exchange Conference in Guangzhou, the former Vice President Li Yuanchao and Chairman of the China Association for Science and Technology Han Qide met with AuroLED Chairman Dr. Jiang Shuncaï, in particular, affirmed AuroLED's independent innovation model.



"AuroLED" is highly concerned by the Shenzhen Municipal Committee

At the 2014 China Electronics Show (CEF) Shenzhen Tour, AuroLED's products were highly valued and confirmed by the party secretary of Shenzhen City, Wang Rong and Mayor Xu Qin.



"AuroLED" debuted at the 2018 European ISE Show



"AuroLED" debuted at the 2016 ISA exhibition in the United States



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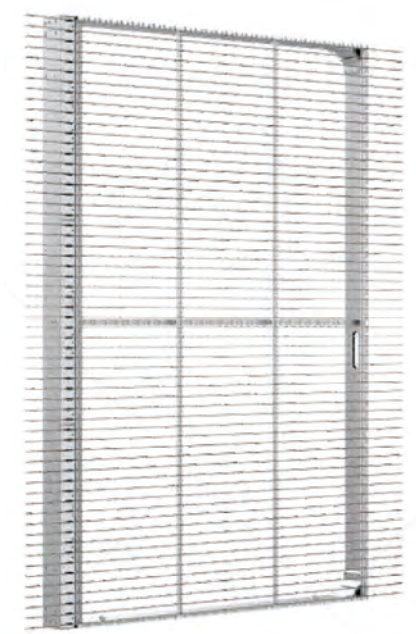
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CUSTOMIZED CABINET DISPLAY SERIES

TRANSPARENT LED DISPLAY • ATN SERIES & ATW SERIES

CUSTOMIZED CABINET DISPLAY SERIES includes **ATN SERIES(non-standard series)** & **ATW SERIES(glass wall series)**, cabinet size and display shape can be customized according to customer's requirement and designer's idea to present a magnificent display effect. It is widely applied in shopping center, star hotel, large transport center etc.

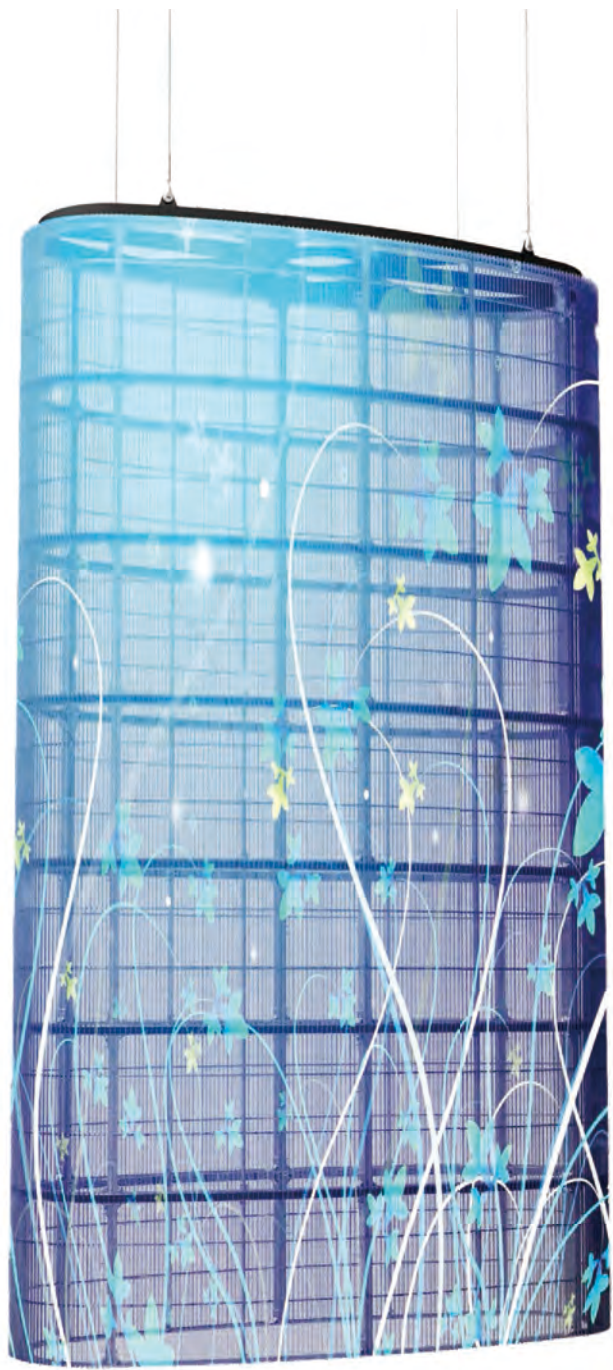
Features:

- Customized cabinet & display shape;
- High transparency; High brightness;
- Match with application environment perfectly ;
- Easy for installation and maintenance;

Application:

- shopping mall;
- show room; Museum;
- Business center.

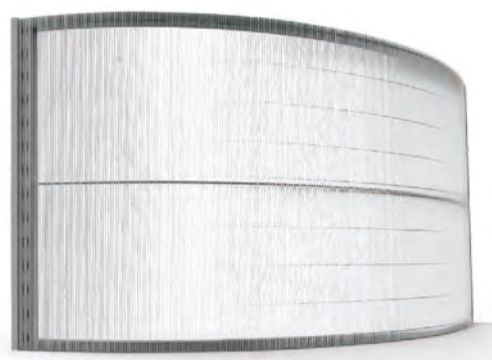




High Transparency
 ATN series is based on AuroLED side-lighting technology,
 its 60% transparency at least,
 and some types can reach 90% above.

Easy Installation & Maintenance
 Light structure design, can be hung by steel ropes;
 ATN series also support front maintenance.
 Individual strip design with hot plug.

Customized Shape
 The ATN irregular shape series display size can be customized
 according to customer's requirements
 and this product also can be made into various shapes.
 Such as cylinder, cuboids, barrel shape etc.



ATN SERIES

NON-STANDARD CABINET DISPLAY SERIES

ATW SERIES

GLASS WALL SERIES



ATW series, strip length can be customized according to glass wall's structure, to match with the building glass perfectly.
 It is widely applied in building glass, shop windows, etc

High Transparency
 ATW series is based on AuroLED side-lighting technology,
 its 70% high transparency,
 and some types can reach 90% above.

Easy Installation & Maintenance
 Light structure design, can be hung by steel ropes;
 ATN series also support front maintenance.
 Individual strip design with hot plug.

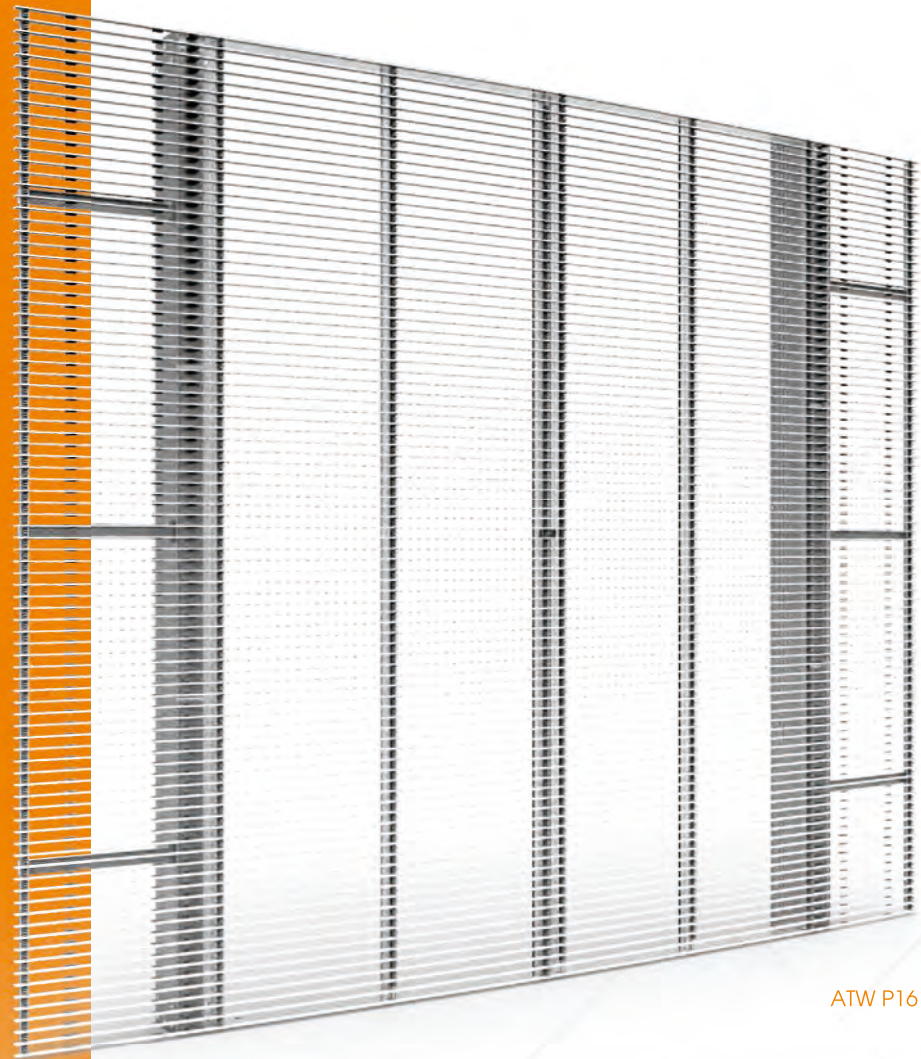
Customization
 Cabinet frame is overlapped with glass frame perfectly,
 no cabinet frame can be seen.
 cabinet size is customized according to glass wall structure.





ATN&ATW

SPECIFICATIONS



ATW P16 cabinet

Specification	ATN/W-5	ATN/W-6	ATN/W-8	ATN/W-10	ATN/W-12	ATN/W-16	ATN/W-20	ATN/W-25
Pixel Pitch	5-7mm	6-8mm	8mm	10mm	12mm	16mm	20mm	25mm
Cabinet Size	customized							
Weight(m ²)	15kg	15kg	14kg	13kg	13kg	13kg	13kg	12kg
Transparency	62%	68%	70%	76%	82%	88%	90%	92%
Brightness	6500cd	6500cd	6500cd	6500cd	6500cd	6500cd	4500cd	2500cd
Refresh Rate	≧1920Hz							
Max. Power Consumption	900w/m ²	900w/m ²	900w/m ²	900w/m ²	900w/m ²	800w/m ²	700w/m ²	500w/m ²
Ave. Power Consumption	350w/m ²	350w/m ²	350w/m ²	350w/m ²	350w/m ²	300w/m ²	200w/m ²	150w/m ²
Installation Way	Loading/Suspension/Fixed installation							
Maintenance	Front/ Rear							
Input Voltage	AC 100~240V							
Working Temperature	-10~40°C							





Binzhou Science & Technology Museum

ATN series P5-7; 73.6m²; 2016-10 Shandong, China

Binzhou Science and Technology Museum's overall building appearance is in the shape of a flying saucer. It looks like UFO is falling in the sky at an altitude, and its image level exceeds that of the Expo Performance Center. Its iconic exhibition features a special-shaped transparent LED screen as its main body. It can realize functions such as virtual interaction, video playback, smile collection, and affiliated science and technology museums and micro-channel public platforms. While achieving visual effects and popular science functions, it also creates a strong Technological atmosphere.



AuroLED created an elaborate oval LED screen for Poland's Posnania Mall. The transparent LED display is suspended in the Mall Atrium. The entire screen area is close to 100 square meters, and the transparency is 90%. The good display effect makes it possible to clearly see the contents of the screen display from all angles of the shopping center. This is by far the largest oval transparent screen in Europe.

Posnania Plaza

ATN series P16; 90m²; 2016-06, Poland





Inner Mongolia Science & Technology Museum

ATW series P20; 260m²; 2016-10 Inner Mongolia, China

AuroLED and the Inner Mongolia Science and Technology Museum jointly designed the LED transparent screen using AuroLED's own research and development of P20 transparent screen, display area of 260m², the transparent screen does not use a flat design of the entire surface display, or the use of irregular display. The shape highlights the new advertising display creativity, and the exterior design of the new museum of Inner Mongolia Science and Technology Museum will adopt the scheme of taking the rising sun as its creative idea to echo and add color to the newly completed science and technology museum.



The glass-covered bridges in the Taizhou Science and Technology Museum are mostly irregular in shape and are composed of a combination of quadrilateral regions. The area and the degree of distortion are not the same. This poses a significant obstacle to the installation of display screens. AuroLED started from the original concept of the science and technology museum, not only customized multiple display boxes for the owner, but also made special treatment of the video source and control system to achieve asymmetric distortion of the image and good effect of normal video restoration.

Taizhou Science & Technology Museum

ATW series P8; 57m²; 2018-01 Jiangsu, China

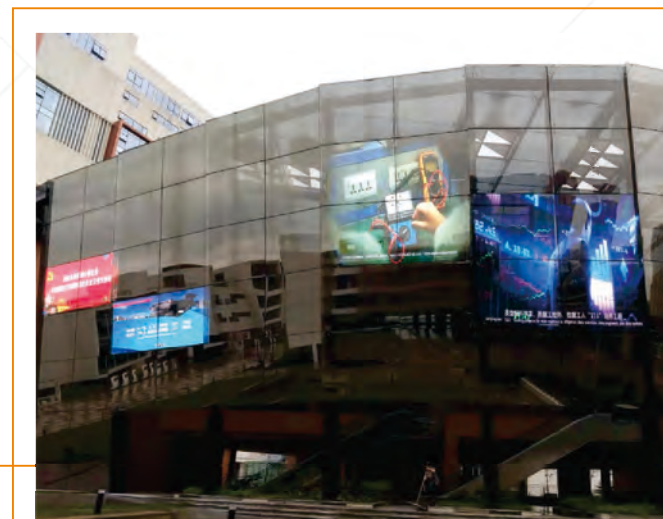




Hanhai. Puli Plaza

ATW series P10; 116m²; 2017-03 Zhengzhou. China

Ingenious charm, AuroLED transparent LED screen "Beautiful" beauty. The transparent screen has greatly enhanced the commercial value of the glass curtain wall, created a brand new building with a brightening landscape of the wall, and can play commercial business investment information throughout the day, which promotes the sales performance of real estate.

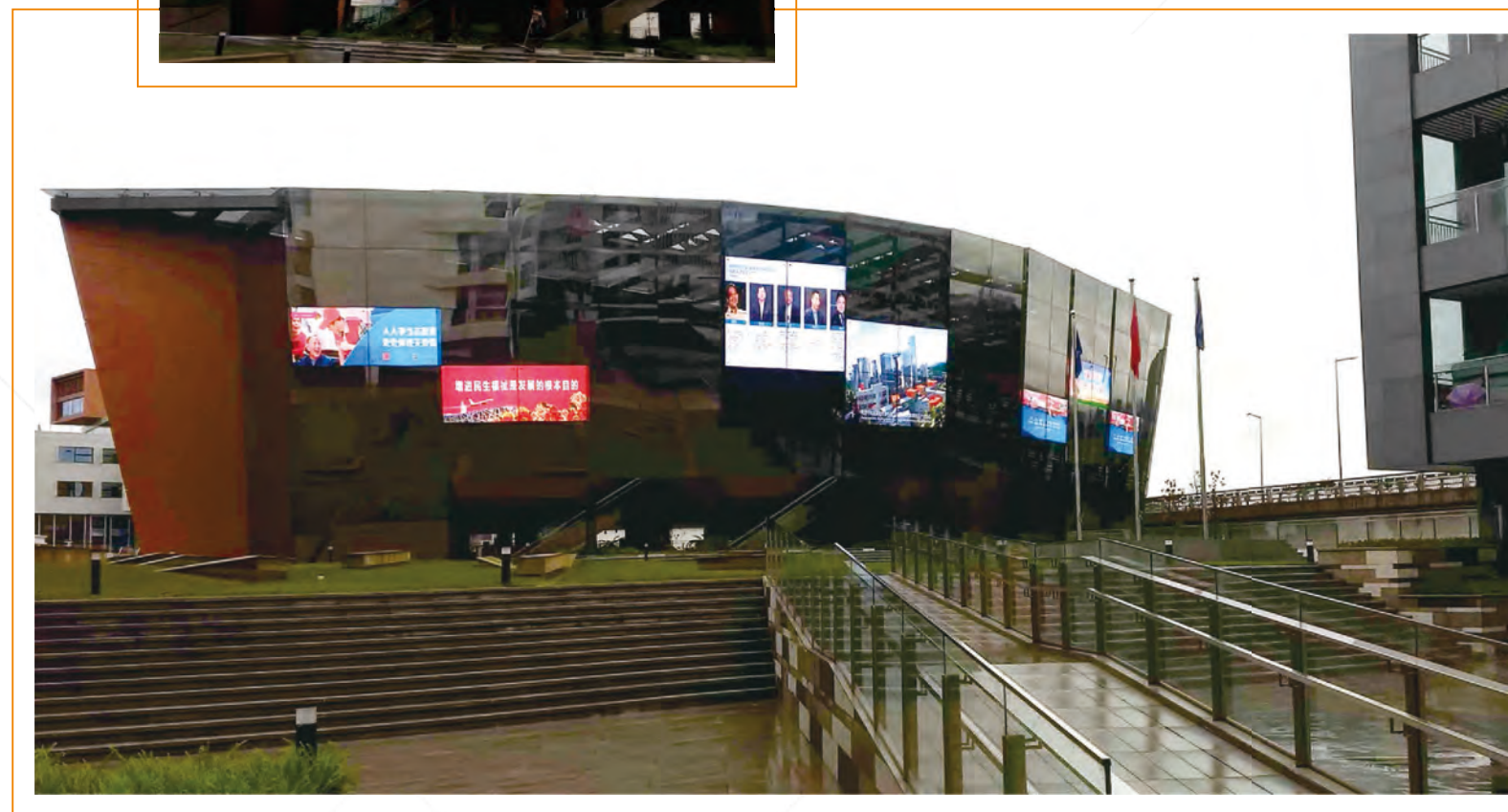


Chongqing Data Valley

ATN series P3-7; 125m²; 2017-11 Chongqing. China

Compared to the "Eye of Sina", a super-shaped, ultra-high-definition LED transparent screen has settled in Chongqing Xiantao Data Valley. With the "Big Dipper" as its design concept, the seven transparent screens are completely different in size, irregular in shape and comparable in resolution to LCD Screen!

Creative customization is only for your better display and viewing experience!





STANDARD CABINET DISPLAY SERIES

TRANSPARENT LED DISPLAY • ATS SERIES & ATF SERIES

STANDARD CABINET DISPLAY SERIES includes 2 types:

ATS (side-lighting series) & ATF (front-lighting series) can match with different project requirement.

STANDARD series with short production period and easy installation way, so can be widely applied in shopping mall, store windows, etc. High-definition display, picture quality is delicate and soft. Unique display effect, the picture is suspended above the glass wall, giving the user a perfect visual experience. High-definition, high-contrast, soft and delicate picture quality; Indoor installation, easy maintenance, Cabinet indoor installation, easy to maintain, and use convenient and efficient;

Application:

Suitable for shopping mall, exhibition hall, glass windows and other occasions.





High Transparency

Although with 3.91mm pixel pitch, ATS series can also reach 60% transparent rate, and for 10mm or higher pixel pitch can reach more than 80% transparent rate.

Easy Maintenance

ATS series support front maintenance. Individual strip design with hot plug.

Standard Cabinet

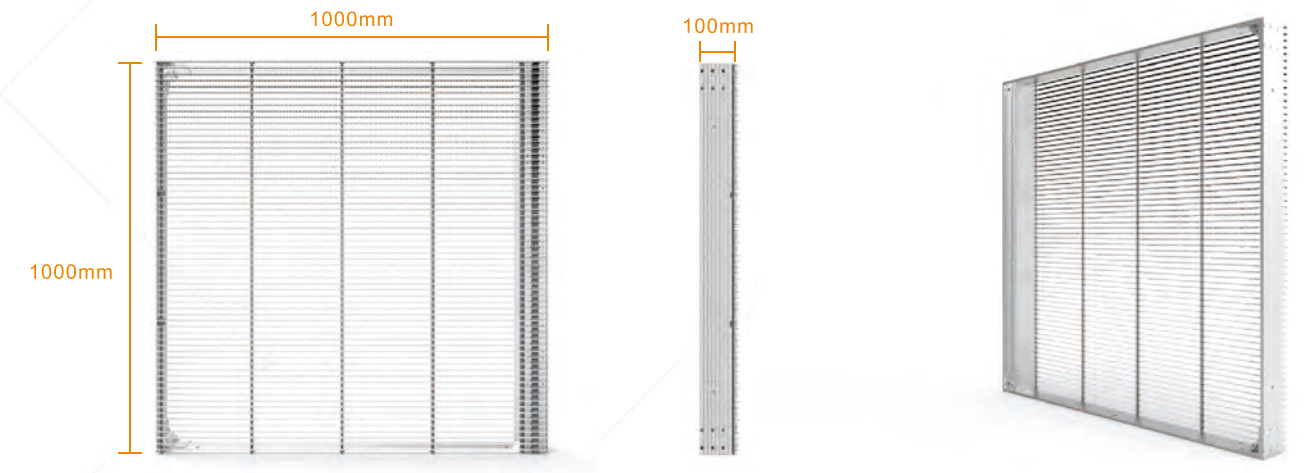
Standard design is easy for installation: 1000mm*1000mm; Short production period;



ATS SERIES

SIDE-LIGHTING SERIES

Specification	ATS-3	ATS-7	ATS-10	ATS-12
Pixel Pitch	3.9-7.81mm	7.81mm	10mm	12.5mm
Cabinet Size	1000*1000mm	1000*1000mm	1000*1000mm	1000*1000mm
Weight	15kg	15kg	15kg	13kg
Transparency	61%	66%	82%	85%
Brightness	2500cd			
Refresh Rate	≥ 1920Hz			
Max. Power Consumption	500w/m ²			
Ave. Power Consumption	150w/m ²			
Input Voltage	AC 100~240V			
Working Temperature	-10~40°C			





Front-lighting is one of AuroLED's transparent LED display products which cabinet size is 0.5m*1m. The design and application are similar to standard models, but since they are using the front-lighting LEDs instead of the mainstream of the transparent screen side-lighting LEDs, so we are classified individually.

High Transparency

Transparency is above 35%.

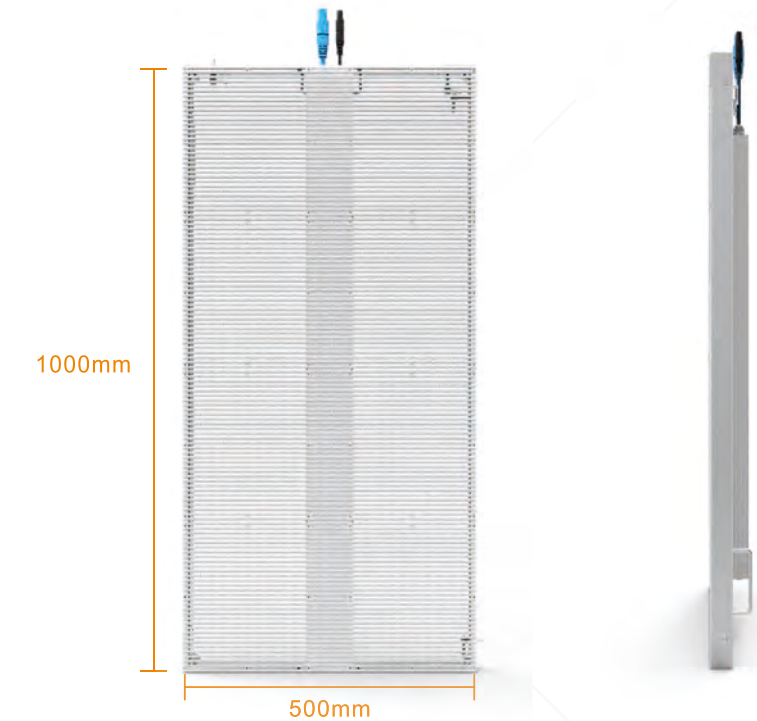
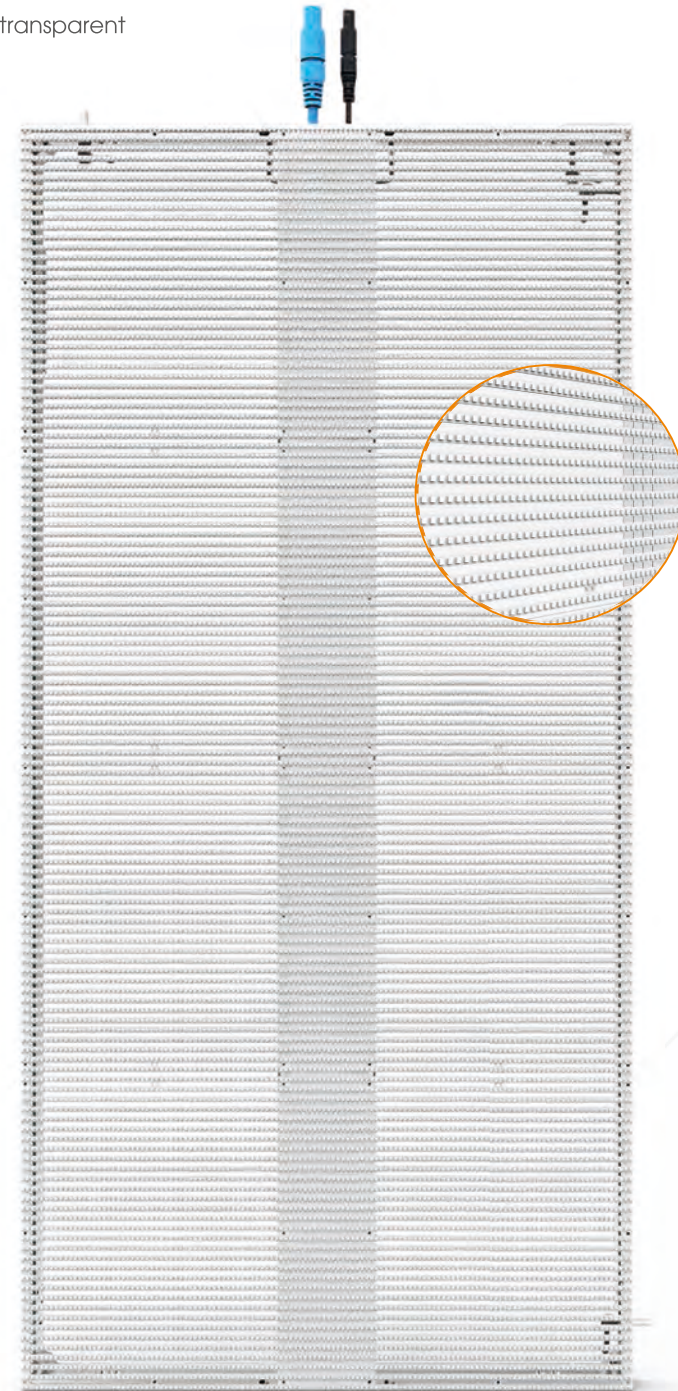
Appearance is nice, and it will not affect the indoor lighting and viewing.

Easy Maintenance

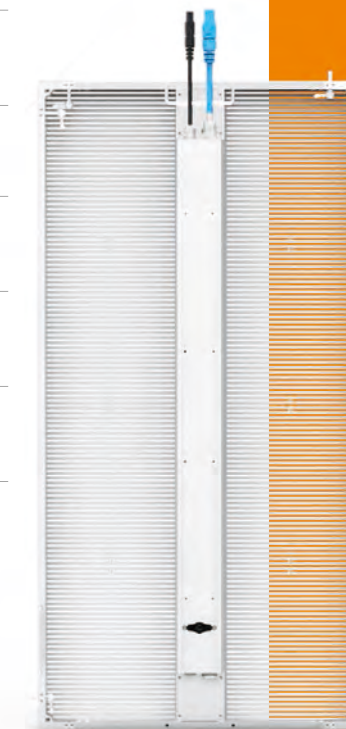
ATZ series support front maintenance. Individual strip design with hot plug.

Standard Cabinet

500*1000mm standardized cabinet design, it is easy to spliced into various sizes



Specification	ATF-3
Pixel Pitch	3.9-7.81mm
Cabinet Size	500*1000mm
Weight	8kg
Transparency	35%
Brightness	1200cd / 2500cd
Refresh Rate	≥ 1920Hz
Max. Power Consumption	600w/m ²
Ave. Power Consumption	200w/m ²
Input Voltage	AC 100-240V
Working Temperature	-10~40°C



ATF SERIES

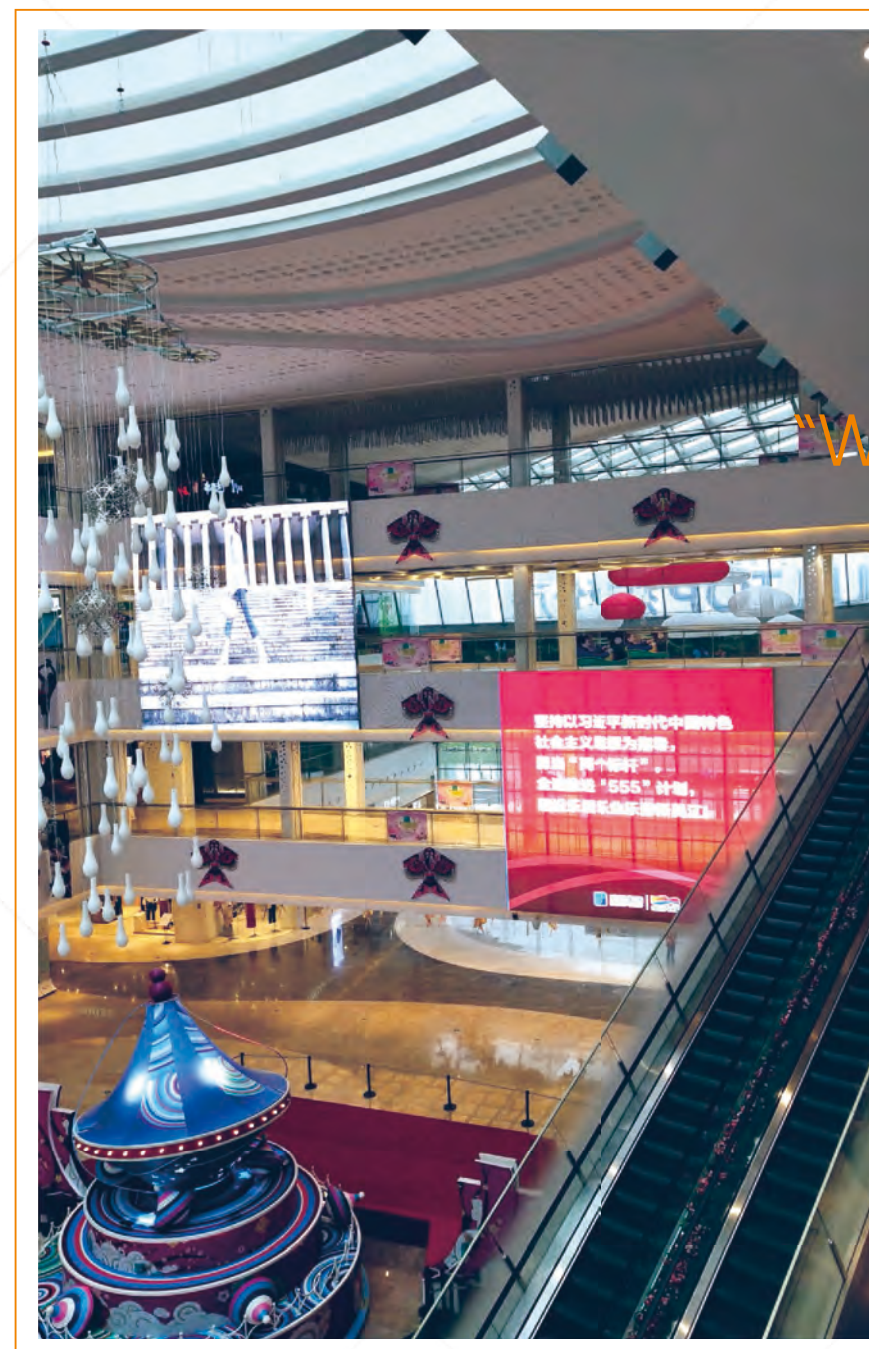
FRONT-LIGHTING SERIES





K11 Plaza ATSeries P6-8; 96m²; 2017-11 Wuhan city

K11 is the first global original brand integrating the three core elements of art, culture, and nature. Wuhan K11 Shopping Center is located in Wuhan Optics Valley Business Circle, a shopping paradise that integrates fashion, art and nature. In the atrium location of the shopping mall, AuroLED's transparent LED screen is built on the trend, and space art and fashion technology are perfectly integrated to enhance the quality of shopping centers and promote consumption growth.



“Water Show World” Plaza

ATSeries P10; 108m² in total; 2017-10 Suzhou, China

Water Show World is dedicated to creating a brand new benchmarking project in Taihu Lake New City. Its design is inspired by the water of Taihu Lake. This drop of water breaks in the pool and turns into smooth lines extending to major buildings. The illusion of water waves is reflected in the building's appearance. The interior decoration and even the private space are well represented.

AuroLED's transparent LED screen pays attention to the coordination of the three-dimensional space. With the modern LED photoelectric language, the screen, lighting and decoration are integrated to create a warm and comfortable shopping environment, detonating the fashion trend, and attracting many businesses to settle in and Consumers stop to watch.





TRANSPARENT LED POSTER

TRANSPARENT LED DISPLAY • ATP SERIES

Transparent LED poster is the new advertising solution for any shop windows. widely used in chain store/restaurant/supermarket. It can not only update contents easily and won't block lighting like printed posters but also can realize central control. It is an innovation for retail business promotion. Small integration and quick installation; USB plug- and show, WIFI control; Cluster group management; Light and thin, no affect to original decoration.

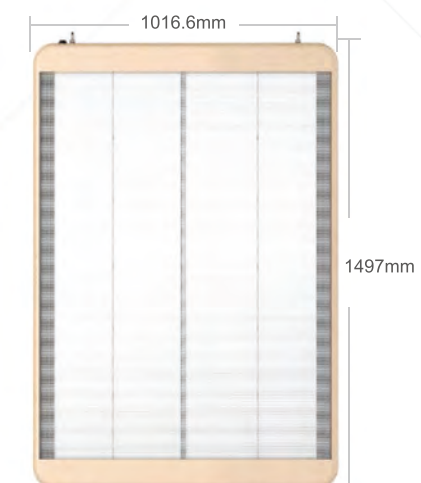
Application:

shop windows, chain store, shopping mall, supermarket





Patented side-lighting design with 4312 SMD LED;
 High Transparency reaches 62%;
 Light weight: 21kg/set;
 Slim: cabinet depth only 50mm;
 Easy maintenance: just change the individual strip.

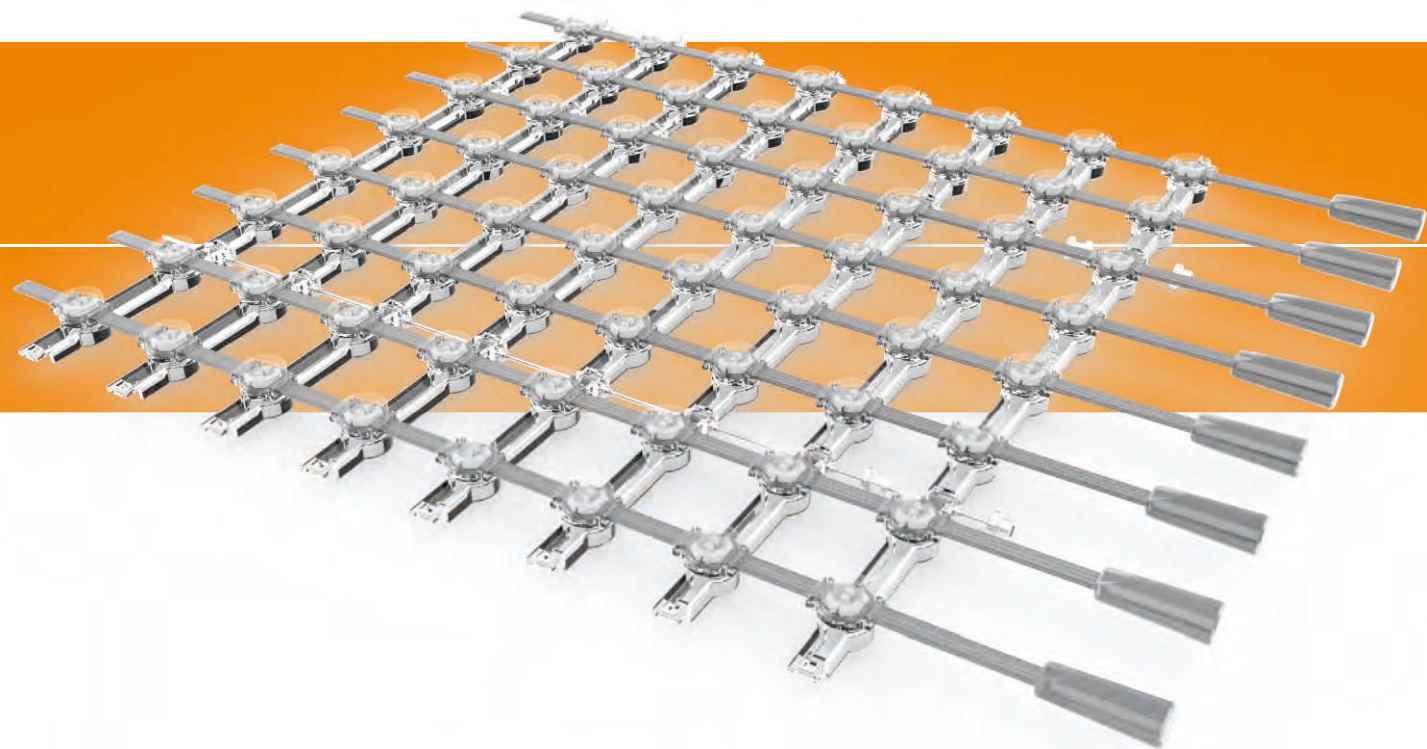


Specification	63 inch
Pixel Pitch	H5mm, V8mm
Cabinet Size	(W) 1016.6 * (H)1497 *(D) 50mm
Cabinet Color	Golden/Silver
Display Size	(W) 960 * (H)1280mm
Weight	21kg
Transparency	65%
Max. Brightness	5000 cd
Refresh Rate	≤ 1920Hz
Max. Power Consumption	1000 W/SET
Ave. Power Consumption	320 W/SET
Installation Way	Hoisting/ Site
Input Voltage	AC 100-240V
Working Temperature	-10~40°C

ATP SERIES

TRANSPARENT LED POSTER





OUTDOOR TRANSPARENT LED DISPLAY

OUTDOOR TRANSPARENT LED DISPLAY • ATOC SERIES & ATOS SERIES

AuroLED outdoor transparent display series includes 2 types:

ATOC series (COB outdoor transparent display) & ATOS series (SMD outdoor transparent display) for different project application.

ATO is a creative transparent LED display developed by our company for the outdoor application environment. The product is highly transparent, flexible, lightweight, easy to install and maintain. ATO series can be bent, folded, suspended, and freely combined into a variety of shapes to meet the needs of various types of creative lighting display. ATO with simple appearance, light translucent and windproof. The appearance is simple and generous, green energy saving and environmental protection; Highly transparency, transparent display, light translucent and ventilation;





ATO series is a soft LED curtain with features of high transparency, it's flexibility, light-weight, fast & easy for installation, high transparency and with high cost performance.

ATO is suitable to many kinds of installation, such as bend, fold etc. Even irregular surface also can build an unexpected led screen .

It is creative screen, suitable for building facade, shopping mall, performance events decoration and outdoor advertising.

Features:

Customized shape, size, soft display for any shape building

As led display & decorative lighting.

Outdoor application, waterproof level IP66

High transparency and high brightness.

Fold packing for easy transportation, installation, maintenance.

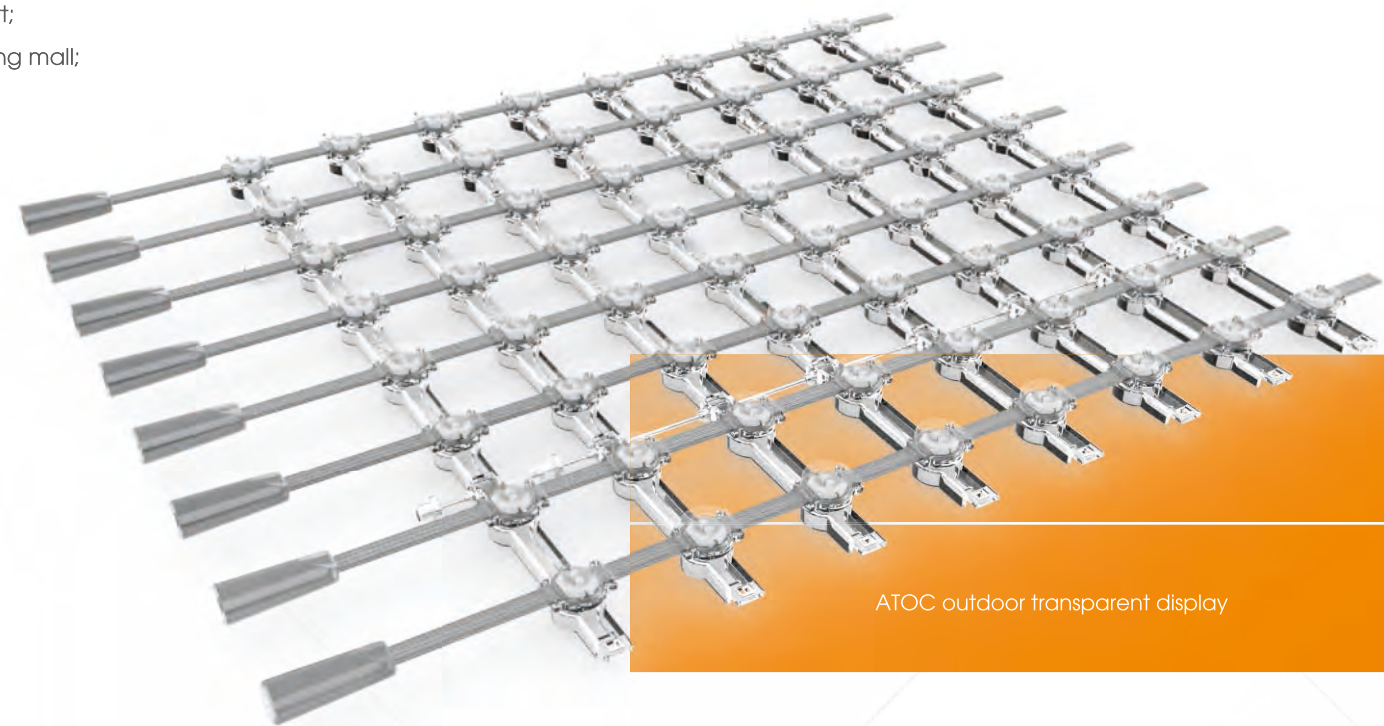
Application:

Building wall;

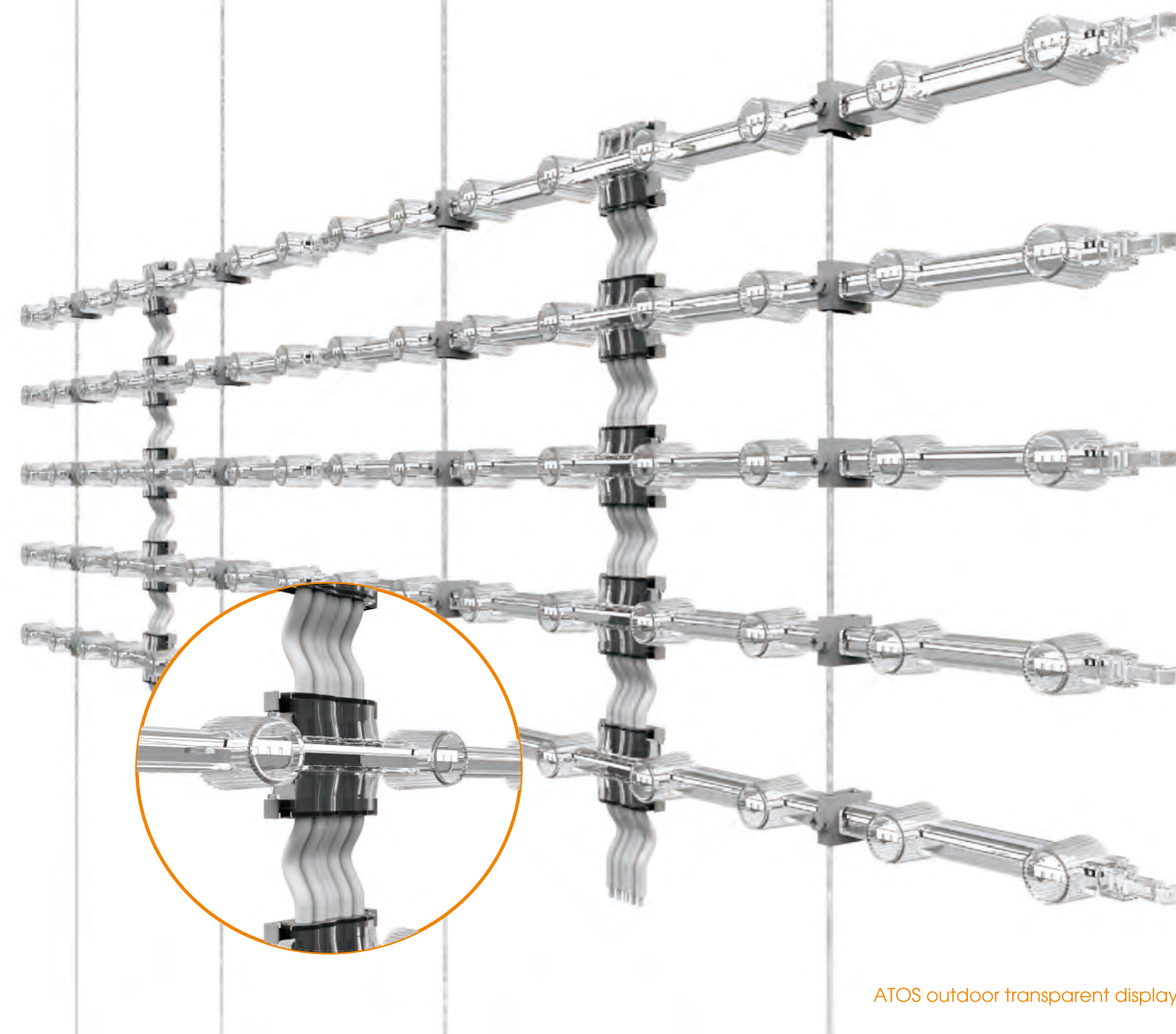
Stage;

Concert;

Shopping mall;



ATOC outdoor transparent display



ATOS outdoor transparent display

ATO SERIES

OUTDOOR TRANSPARENT LED DISPLAY SERIES



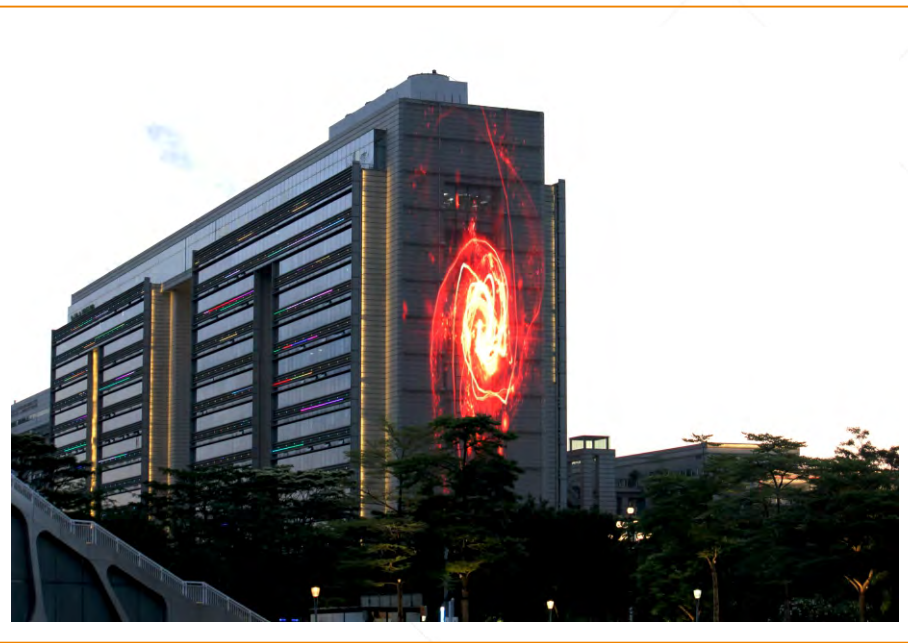
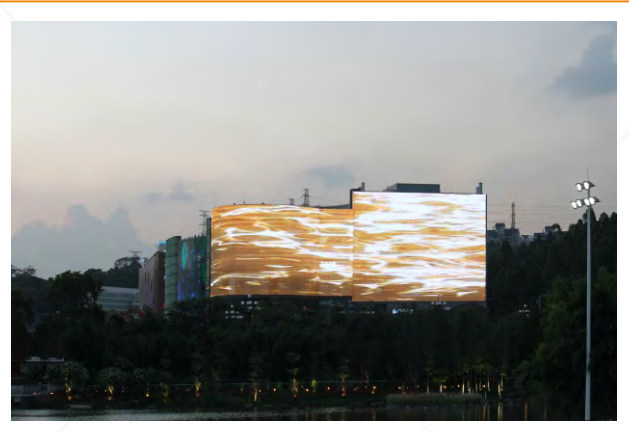


Specification	ATOS 25-35	ATOS 55	ATOC 55	ATOC 80
LED Configuration	SMD	SMD	COB 3 in 1	COB 3 in 1
Pixel Pitch	25-35mm	55mm	55mm	80mm
Max. Brightness	2000cd/m ² / 5000cd/m ²	2000cd/m ²	5000cd/m ²	2000cd/m ² / 5000cd/m ²
Weight	9kg/m ²	7kg/m ²	5kg/m ²	4kg/m ²
Max. Power Consumption	350w/m ² / 600w/m ²	250w/m ²	350w/m ²	200w/m ² / 350w/m ²
Ave. Power Consumption	100w/m ² / 250w/m ²	100w/m ²	100w/m ²	80w/m ² / 100w/m ²
Panel Size	440*10mm(strip length)		20*25*10mm	
Working Voltage	DC 24V		DC 9V	
Input Voltage	AC 100~240V			
IP Rating			IP 66	
Refresh Rate			≧1920Hz	
Working Temperature	-20~60°C			



ATO

SPECIFICATIONS



"The Dancing Of Water And Light" Show

ATO series P55,P80; 5200m²; 2018-03 Guangzhou, China

AuroLED's outdoor transparent soft screen takes part in the entire water dance light show with its transparent, light and spiritual advantages, making the entire show more majestic, perfect combination of science and technology and art, vividly represented the new Huangpu The new weather, new ideas, and new developments provide Guangzhou citizens with a new type of leisure and entertainment venues that allow them to feel the new charm of the combination of technology and humanities.





HD COB LED DISPLAY SERIES

ACF SERIES & ACS SERIES

AuroLED COB small pitch LED smart displays includes 2 types: [ACF SERIES \(COB fixed installation series\)](#) & [ACS SERIES \(COB signage display series\)](#).

Compared with SMD display screens, COB LED smart displays make up for many flaws: such as collision avoidance, moisture proof, and dust proof; therefore, COB has its unique advantages in humid, dusty, and easy to touch and other relatively harsh display environments. With the advancement of technology, COB's small gap has been extended to more and wider application areas.

AuroLED is one of the first manufacturers to mass produce COB small pitches. We are determined to create new value for our customers through innovation and help our customers expand into new markets.





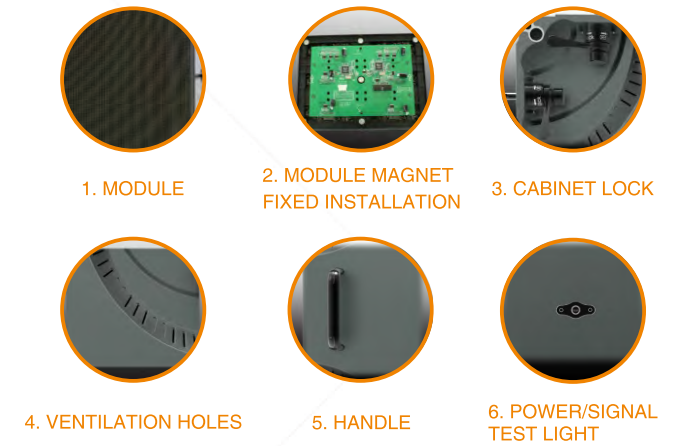
AuroLED COB small pitch LED smart displays make up for many shortcomings of DLP splicing screen, LCD flat-panel splicing screen, large engineering projection screen, such as: obvious splicing seam, color and brightness unevenness; The resolution is lower, viewing angle is smaller, and the display effect is not good due to the environment light. And the power consumption is large. So the display effect of we AuroLED COB smart screen is higher definition and perfect.

Features:

- Super streamline process, no welding foot, all spare parts front maintenance via magnet.
- Wider view angle, better performance, good heat dissipation, longer life span.
- Good dust-proof, damp proof, anti-collision etc.
- FPGA professional scan

Application:

- Stadium; conference;
- Exhibition center;
- Hotel banquet hall;



High Refresh

High gray level and high refresh rate, perfect details, no flash for photographing.

Large Viewing Angle

160° viewing angle, good color saturation and dead-zone free.

Dust-proof, Damp proof, Anti-collision

AuroLED COB display can prevent dust and water, even won't cause lamp beam void-welding after being hit due to its unique production process.



ACF SERIES

COB FIXED INSTALLATION DISPLAY SERIES





Product Series	ACF-1.875	ACF-2.5
Pixel Pitch	1.875mm	2.5mm
Brightness	700 cd/m ²	1000 cd/m ²
LED Configuration	COB 3 in 1	
Module Size	240 * 180 mm	
Cabinet Size	480 * 540 mm	
Weight	9.8 kg/cabinet	
Refresh Rate	≥ 2400Hz	
Max Power Consumption	500 W/m ²	
Ave. Power Consumption	150 W/m ²	
Maintenance	Front Maintenance	
Input Voltage	AC 100-240V	
Working Voltage	DC 5V	
Operating Temperature	-10~40°C	



Cultural Exhibition

ACF series P1.875; 35m²; 2018-03 Guangzhou

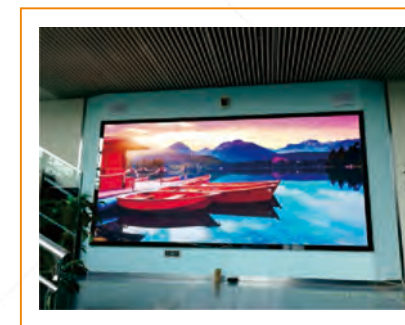
Ingenuity and quality, AuroLED COB's small-pitch high-tech escorts the Sino-Portuguese judicial special exhibition, promotes international exchanges, vividly demonstrates the fruitful results of exchanges and cooperation, and glorifies the country.



Shanxi Museum

ACF series P1.875&2.4; 40m²; 2017-12 Shanxi

AuroLED built a high-definition COB small-pitch project for the Shanxi Science and Technology Museum. The picture quality is delicate and soft, and the maintenance is convenient. The COB package has the advantages of waterproof, dustproof, and anti-impact, and the performance is stable.





ACS series - the COB HD signage reinvents the way consumers and retailers do business. Prices, promotions and advertisement can now be changed with a click of a button. ACS series is the difference between getting your product noticed or not. Grab attention from across the room and be noticed.

Sales Uplift:

Drive product sales volume and cross-selling opportunities.

Operational Efficiency:

Task optimization of labor intensive activities.

Inventory:

Supports shop floor availability through intelligent techniques.

Features:

Module size: 300mm*60mm*17.5mm / 600mm*60mm*17.5mm, other size is optional;

High resolution: P1.875mm to display vivid image;

Magnet, clip design for quick and easy installation;

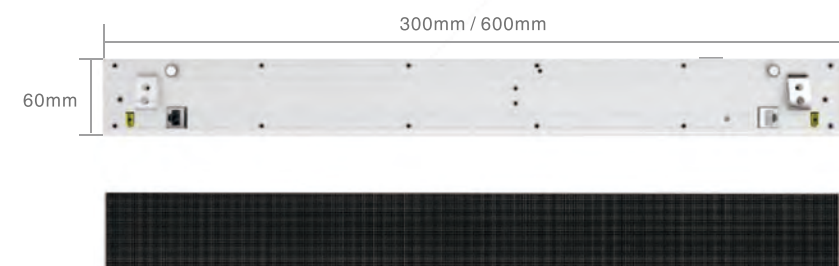
Tool free for installation and disassembly.

Application:

Supermarket;

Convenient stores;

Chain stores;



Pixel Pitch	1.875mm	1.875mm
LED Configuration	COB 3 in 1	COB 3 in 1
Resolution Ratio	320 * 32	160 * 32
Unit Size	600 * 60 * 17.5 mm	300 * 60 * 17.5 mm
Unit Weight	0.68 kg	0.35 kg
Brightness	700 cd/m ²	700 cd/m ²
Refresh Rate	≧ 2000 Hz	≧ 2000 Hz
Max. Power Consumption	24 W/module	12 W/module
Ave. Power Consumption	8 W/module	5 W/module
Contrast Ratio	3000:1	
Input Voltage	AC 100~240V	
Working Voltage	DC 5V	
Operating Temperature	-10~40°C	
Control System	Synchronous	

ACS SERIES
COB DISPLAY SHELF SIGNAGE

