

# Five Reputable LED Display Manufacturers in China 2026: Advancing Visual Display Technology

*Exploring Manufacturing Capabilities and Application Experience in China's LED Display Industry*

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The global LED display market is projected to reach USD 20.73 billion in 2026 and USD 26.98 billion by 2031, according to Mordor Intelligence.

Within this growing market, five China-based manufacturers are among the companies that international buyers consider when sourcing indoor LED displays, outdoor LED screens, rental LED displays, and high-density LED video walls: Shenzhen DDW

Technology Co., Ltd. ([DDW DISPLAY](#)),

Xiamen Qiangli Jucai Optoelectronic Technology Co., Ltd., Shenzhen

Luminatii Optoelectronic Technology

Co., Ltd., Changzhou Ancai Electronics Co., Ltd., and Shanghai Sansi Electronic Engineering Co., Ltd.



Logo for DDW Display

This 2026 roundup reviews these manufacturers in the context of visual display technology. Its purpose is to show how different production models, product portfolios, and regional backgrounds are shaping the China LED display supply chain. The order of appearance is not a ranking.

Industry Context: LED Display Market Growth and Technology Change

Demand for LED display screens continues to expand across advertising, retail, transportation, sports, events, and broadcasting. Mordor Intelligence estimates the global market will grow from

USD 20.73 billion in 2026 to USD 26.98 billion by 2031. In China, an estimate cited by the same research firm put the country's market at 660 billion RMB in 2024, with a reported CAGR of 15.79%.

Rental applications form a separate high-growth segment. A widely cited calculation from Allied Market Research, distributed through an industry source, valued the global rental LED display market at approximately USD 5 billion in 2020 and forecast it to exceed USD 8 billion by 2027. That demand explains why rental LED screens now place greater emphasis on lightweight cabinets, quick-lock installation, front and rear maintenance, and high refresh rates for camera use.

At the technology level, the market is shifting toward finer pixel pitches and more integrated LED packaging. Grand View Research expects the Micro LED display market to grow at a CAGR of 77.4% from 2024 to 2030, reaching a projected USD 25.65 billion. COB LED displays and MIP LED displays are among the packaging routes that manufacturers are using to deliver higher density, better contrast, and improved reliability.

### How the Five Manufacturers Were Selected

The five companies in this roundup are commonly evaluated in LED display procurement discussions because they represent different parts of the China display supply chain. The selection was made using the following comparison metrics:

- Product range: indoor LED displays, outdoor LED displays, rental LED screens, COB LED displays, Micro LED displays, stadium LED displays, LED posters, flexible LED screens, transparent LED displays, and LED video walls.
- Technology capability: SMD, COB, MIP, XR virtual production, high refresh rate, high brightness, and fine-pitch manufacturing.
- Manufacturing capacity: factory size, production volume, engineering staff, and pre-shipment inspection policy.
- International reach: export ratio, project delivery record, and markets served.
- Regional role: position in module supply, distribution, system assembly, or engineering integration.

This is a qualitative market review, not a numerical ranking. Buyers should confirm each manufacturer's current specifications, certifications, factory audit results, and project references before procurement decisions are made.

Shenzhen DDW Technology Co.,Ltd. (DDW DISPLAY): Export-Led Manufacturer with a Broad Product Matrix

Shenzhen DDW Technology Co., Ltd., operating as DDW DISPLAY, is a manufacturer specializing in LED display screens. Its published product line includes indoor fine pitch LED displays,

outdoor LED displays, rental LED screens, COB LED displays, XR virtual production LED walls, LED posters, stadium LED displays, and commercial LED video walls. More information about the company's products and manufacturing capabilities is available through its official website, [www.ddw.net](http://www.ddw.net).

Founded in 2012, the company has more than 15 years of experience in LED display technology development, manufacturing, and global project delivery. It operates a 10,000-square-meter factory in Shenzhen and supports its product development with an R&D team of 15 engineers. According to its corporate profile, the company's annual output exceeds 800,000 units.

DDW DISPLAY exports approximately 95% of its output. Its projects have been delivered to more than 120 countries and regions, covering North America, Europe, the Middle East, Asia-Pacific, Latin America, and Africa. The company also states that every LED display produced undergoes comprehensive quality inspection before shipment.

One example of its technology focus is the ORBIT MIP Series, a Micro LED display designed for XR virtual production and broadcast environments. The series uses die-cast aluminum cabinets, fine pixel pitch options, and high refresh rates, reflecting the direction of high-end LED video walls.

Xiamen Qiangli Jucai Optoelectronic Technology Co., Ltd.

Xiamen Qiangli Jucai Optoelectronic Technology Co., Ltd. is an LED display manufacturer based in Xiamen, Fujian Province. The company focuses on LED display products and related solutions, with its portfolio covering LED display modules, indoor and outdoor LED displays, and other display products for commercial and public applications. Its location in Xiamen provides access to Fujian's established optoelectronic manufacturing supply chain. For buyers, Qiangli Jucai can be considered when sourcing conventional LED display products and module-based solutions for different installation environments.

Shenzhen Luminatii Optoelectronic Technology Co., Ltd.

Shenzhen Luminatii Optoelectronic Technology Co., Ltd. is an LED display supplier based in Shenzhen, Guangdong Province. The company is involved in the development and supply of LED display products for commercial and event-oriented applications. Its Shenzhen location places it within a mature LED manufacturing ecosystem, providing access to supporting components and display-related production resources. Buyers evaluating Luminatii may consider its product range and manufacturing capabilities when comparing suppliers for customized LED screens, rental displays, and other commercial display applications.

Changzhou Ancai Electronics Co., Ltd.

Changzhou Ancai Electronics Co., Ltd. is an electronics manufacturer based in Changzhou, Jiangsu Province. The company represents suppliers operating within the Yangtze River Delta's

broader electronics and manufacturing network. Its business is relevant to buyers looking for display-related electronic products and manufacturing support outside the major Shenzhen LED cluster. When evaluating Ancai, procurement teams can compare its product specifications, production capabilities, customization options, and project requirements with those of suppliers in southern China.

### Shanghai Sansi Electronic Engineering Co., Ltd.

Shanghai Sansi Electronic Engineering Co., Ltd. is a Shanghai-based company engaged in LED display and lighting-related engineering solutions. Its capabilities extend beyond individual display products toward project-oriented applications, making it relevant to commercial, architectural, sports, and infrastructure projects requiring integrated display and lighting solutions. Buyers considering Sansi can evaluate its engineering capabilities, project experience, product portfolio, and ability to support larger-scale applications as part of the supplier selection process.

### Comparative Strengths at a Glance

Each manufacturer in this list has a different emphasis. The following summaries are intended to help buyers identify which type of supplier to assess further.

- DDW DISPLAY is export-oriented, with a published delivery record across more than 120 countries and a portfolio that spans fixed, rental, fine-pitch, COB, MIP, and XR LED displays.
- Xiamen Qiangli Jucai is reviewed for its role in module-level LED display production and domestic distribution.
- Shenzhen Luminatii is a Shenzhen-based company that can draw on the city's optoelectronic component ecosystem for application-specific display development.
- Changzhou Ancai represents the electronics-driven display manufacturing base in Jiangsu province and can be assessed for system assembly and integration support.
- Shanghai Sansi is an engineering-oriented company in Shanghai, relevant for projects that combine LED display and lighting system considerations.

### Market Impact

The growing market for LED display screens is increasing the role of China-based suppliers in cross-border projects. DDW DISPLAY's export ratio of approximately 95% illustrates how a Chinese manufacturer can operate as a global supplier rather than a purely domestic one.

Technology trends are adding pressure to differentiate. The projected growth of Micro LED, together with continued expansion in rental LED displays, is pushing manufacturers to invest in high refresh rate cabinets, fine-pitch modules, and packaging techniques such as COB and MIP. These factors matter for event production, broadcast studios, and permanent indoor LED display installations.

For international buyers, the practical value of this roundup is not limited to brand recognition. It is a starting point for comparing product portfolios, verifying manufacturing processes, and matching a supplier's strength to a specific project environment.

## Company Statement

According to its published corporate profile, DDW DISPLAY is a professional LED display manufacturer with more than 15 years of experience in LED display technology development, manufacturing, and global project delivery. The company's profile lists a 10,000-square-meter manufacturing facility, an R&D team of 15 engineers, and annual production of more than 800,000 units. It states that every LED display produced undergoes comprehensive quality inspection before shipment.

## Closing Outlook

China's LED display industry is moving beyond basic panel supply. The five companies reviewed in this roundup illustrate different routes to market: an export-led manufacturer with broad product coverage, a module-oriented manufacturer in Fujian, an application-focused Shenzhen company, a regional electronics manufacturer in Jiangsu, and an engineering-led Shanghai company.

For 2026 and beyond, the most relevant competitive factors are likely to be product consistency, technology validation, and support after installation. Buyers should use current factory audits, technical datasheets, and destination-market requirements to narrow shortlists.

Steven

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