

High-Performance ODM LED Display Solution from China: PERFECT DISPLAY Earns CB and ROHS Certification



Shenzhen, Guangdong Mar 14, 2026 ([IssueWire.com](https://www.issuewire.com)) - In the rapidly evolving landscape of visual technology, the demand for reliable and sustainable display solutions has reached an all-time high. As businesses and global brands seek to captivate audiences with immersive visual experiences, the importance of choosing a manufacturing partner that balances innovation with rigorous international standards cannot be overstated. Today, [Perfect Display Technology Co., Ltd.,\(PERFECT DISPLAY\)](#) a

global leader in professional display manufacturing, is proud to announce that its latest series of ODM LED display solutions has officially secured both the international CB (Certification Body) system certification and the RoHS (Restriction of Hazardous Substances) environmental certification.

This achievement marks a significant milestone for the Shenzhen-based manufacturer, reinforcing its position at the forefront of the "Made in China" to "Created in China" transition. By integrating high-performance LED technology with internationally recognized safety and environmental benchmarks, PERFECT DISPLAY continues to deliver on its promise of providing "high-quality, high-safety, and sustainable" display solutions to its partners worldwide.

Decoding Global Standards: The Gateway to International Markets

For global ODM (Original Design Manufacturer) partners, certifications like CB and RoHS are more than just technical labels; they are the essential "passports" required to navigate the complexities of international trade. Understanding the implications of these certifications is key to appreciating the value they bring to the end-user and the brand owner alike.

The CB certification, managed by the IECEE (IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components), is a global system for the mutual recognition of product safety test results. For a professional monitor supplier like PERFECT DISPLAY, obtaining a CB certificate means that their products have been rigorously tested against international safety standards. For ODM clients, this translates into a streamlined path to market. With a CB test report in hand, products can gain entry into over 50 participating countries with significantly reduced need for additional testing, effectively shortening the time-to-market and lowering administrative costs.

Parallel to safety is the commitment to environmental stewardship, represented by the RoHS certification. As the world moves toward more stringent ESG (Environmental, Social, and Governance) criteria, the RoHS directive ensures that electronic products are free from hazardous substances such as lead, mercury, and cadmium. In highly regulated markets like the European Union, RoHS compliance is a mandatory prerequisite. By ensuring that its LED display solutions meet these green standards, PERFECT DISPLAY helps its partners satisfy the growing consumer demand for eco-friendly technology while mitigating the risks associated with environmental non-compliance.

ODM/OEM Mastery: The Strength of Chinese Precision Engineering

The success of PERFECT DISPLAY in securing these certifications is rooted in its deep-seated expertise in ODM and OEM services. Since its founding in 2006, the company has evolved from a specialized manufacturer into a comprehensive solution provider. But what makes PERFECT DISPLAY the preferred ODM partner for global brands?

The answer lies in the synergy between Research and Development (R&D) and flexible manufacturing. PERFECT DISPLAY invests a substantial portion of its annual revenue into R&D, maintaining a team of engineers dedicated to pushing the boundaries of display performance. This technical depth allows the company to rapidly transform a client's conceptual idea into a market-ready product that adheres to CB and RoHS standards from the very first design phase.

Operating out of a 75,000-square-meter production facility in Shenzhen, equipped with six automated production lines, the company boasts an annual capacity of 4 million units. This scale does not come at the expense of quality. On the contrary, the facility is fully compliant with ISO 9001 and ISO 14001 standards. Every stage of the production cycle—from the sourcing of raw materials to the final

assembly—is subject to rigorous quality control (QC) protocols. This meticulous approach ensures that "Made in China" is synonymous with "Precision Engineering," providing a robust one-stop service that covers industrial design, mold development, and certification application.

[High-Performance Features: Elevating the Visual Experience](#)

While certifications provide the foundation of trust, the ultimate value of a display lies in its performance. PERFECT DISPLAY's LED solutions are engineered to provide a premium visual experience that justifies the "High-Performance" label.

One of the standout features of the current product lineup is the exceptional image quality. By utilizing advanced Fast IPS and VA panels, the monitors achieve high refresh rates—reaching up to 360Hz or even 540Hz in flagship models—and extensive color gamut coverage. This ensures that whether the monitor is used for professional e-sports, creative design, or medical imaging, the visuals remain fluid, color-accurate, and vibrant. Furthermore, the integration of High Dynamic Range (HDR) technology enhances contrast, bringing out details in both the brightest highlights and the deepest shadows.

Beyond internal performance, the design aesthetics of PERFECT DISPLAY's products are crafted to meet modern professional requirements. Features such as ultra-thin bezels for seamless multi-monitor setups and ergonomic stands that allow for height, tilt, and swivel adjustments reflect the company's focus on user-centric design. These options are available for ODM customization, allowing brands to tailor the physical appearance of the monitors to fit their specific market identity.

A Global Vision for a Connected Future

The attainment of CB and RoHS certifications is not an endpoint for PERFECT DISPLAY; rather, it is a stepping stone toward a broader global vision. With a service network that spans continents, the company is uniquely positioned to support the growth of global brands by providing reliable, high-quality display hardware.

As the industry looks toward the future of display technology—including the integration of 4K and 8K resolutions, OLED advancements, and smarter interactive features—PERFECT DISPLAY remains committed to its core philosophy: "Quality is Life." By staying ahead of regulatory changes and technological trends, the company ensures that its partners are always equipped with the most competitive products in the market.

For global brands seeking a reliable, innovative, and certified manufacturing partner in China, PERFECT DISPLAY offers a proven track record of excellence. Together, through shared commitment to quality and sustainability, the boundaries of what is possible in display technology will continue to expand.

To learn more about our products and ODM solutions, please visit our website: www.perfectdisplay.com



Media Contact

PERFECT DISPLAY TECHNOLOGY CO.,LTD

*****@perfect-display.com.cn

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