



Shaanxi E-Champ Global Trading Co., Ltd.

**New-Generation GLED Display Technology · Customized Solution
Provider For Display Equipment**

**| Redefine Visual Experience · Lead the Transformation
of the Display Industry**

| About Us

Company positioning

Shaanxi E-Champ Global Trading Co., Ltd. is a solution-driven trade service provider specializing in high-definition smart double-sided displays and monitors. It offers one-stop services from design and material selection to delivery, delivering exceptional display solutions to global users.

Core technology

We've developed proprietary 3D inkjet nano-printing and automated alignment integration, building a technical barrier. We offer high-performance, cost-effective glass light guide plates and all-glass backlight module solutions, driving product upgrades through technology.

Industry Contribution

We built the world's first GLED display production line and launched fashionable products like ultra-thin glass backlit and dual-screen displays, showcasing the tech aesthetics of GLED and leading industry innovation.



Worldwide originality | EXCLUSIVE GLOBAL INNOVATION



Shaanxi E-Champ Global Trading Co., Ltd. provides optoelectronic display solutions, focusing on HD smart double-sided displays and monitors. Leveraging expertise in nano-optical materials and 3D printing, it offers one-stop services from design to delivery, helping customers achieve better display effects through system integration and resource coordination.



Ultra-high transmission rate 92.8%
Ensure that the picture is bright and clear, accurately reproducing the true colors and providing an immersive visual experience.



Extremely long anti-aging performance 20 years or more
Excellent weather resistance, effectively resisting environmental erosion, ensuring the long-term stable operation of the product.



Ultra-high rigidity 70 GPa
Strong physical protection capability, effectively resisting external force impacts and protecting the internal precision components.



Ultra-flatness
0.5 mm/m
The ultimate surface flatness eliminates image distortion, presenting users with a perfect visual experience.

Enterprise Qualifications



Authentic certification

Shaanxi E-Champ Global Trading Co., Ltd. is a national high-tech and specialized innovative enterprise with mature export qualifications and strong market recognition.



Technical patent moat

The company holds multiple self-developed patents (invention, utility model, and design), forming a strong IP protection system.



Globalization development guarantee

Through continuous R&D innovation and strong technical expertise, we ensure high product quality and steady progress of the company's global strategy.



What is GLED display technology?



Technological Innovation · Display Revolution

GLED replaces the organic plastic in traditional displays with rigid inorganic glass for light guiding, diffusion, and the back panel, creating a new physical structure for LCDs.

Traditional display structure

- Plastic light guide plate
- Plastic diffusion plate
- Plastic colored back plate

GLED display structure

- Glass light guide panel (core change)
- Glass diffusion panel
- Glass colored back panel



Core value: Comprehensive qualitative change

Using all-glass materials improves environmental friendliness, physical durability, and optical performance.

GLEED Advantage 1: | More Eco-Friendly

Reduce the use of plastic

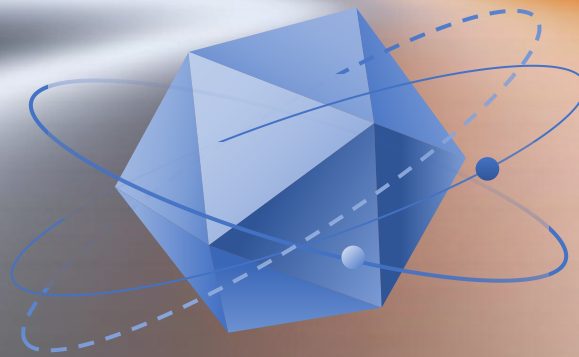
GLEED displays drastically reduce plastic use, eliminating plastic pollution at the source and lowering resource consumption and environmental impact.

Reduce carbon emissions

Authoritative estimates show GLEED production cuts carbon emissions by about 40% compared to traditional displays, supporting global carbon neutrality goals.

Reduce environmental pollution

The all-glass packaging eliminates microplastics and toxins from plastic degradation, benefiting both the environment and human health.



GLEED Advantage 2: Better weather resistance | Superior Weatherability

High-temperature resistance performance

Compared to traditional plastic materials, the heat resistance of glass has increased by several tens of times, enabling it to easily adapt to more demanding outdoor or high-temperature working environments.

01

Low thermal expansion coefficient

The coefficient of thermal expansion has been reduced by one order of magnitude, and the physical structure has become more stable. This ensures that the screen remains flat and reliable even in outdoor environments where the temperature difference between day and night is extremely large.

02

Excellent corrosion resistance

The glass material inherently possesses excellent corrosion resistance and heat dissipation properties, and is not affected by harsh environments such as moisture, acids, and alkalis, significantly enhancing the reliability of the product throughout its entire lifecycle.

03

GLLED Advantage 3: **More stable optical performance** | Superior Stable Optical Properties



The main problems of traditional displays: aging and yellowing

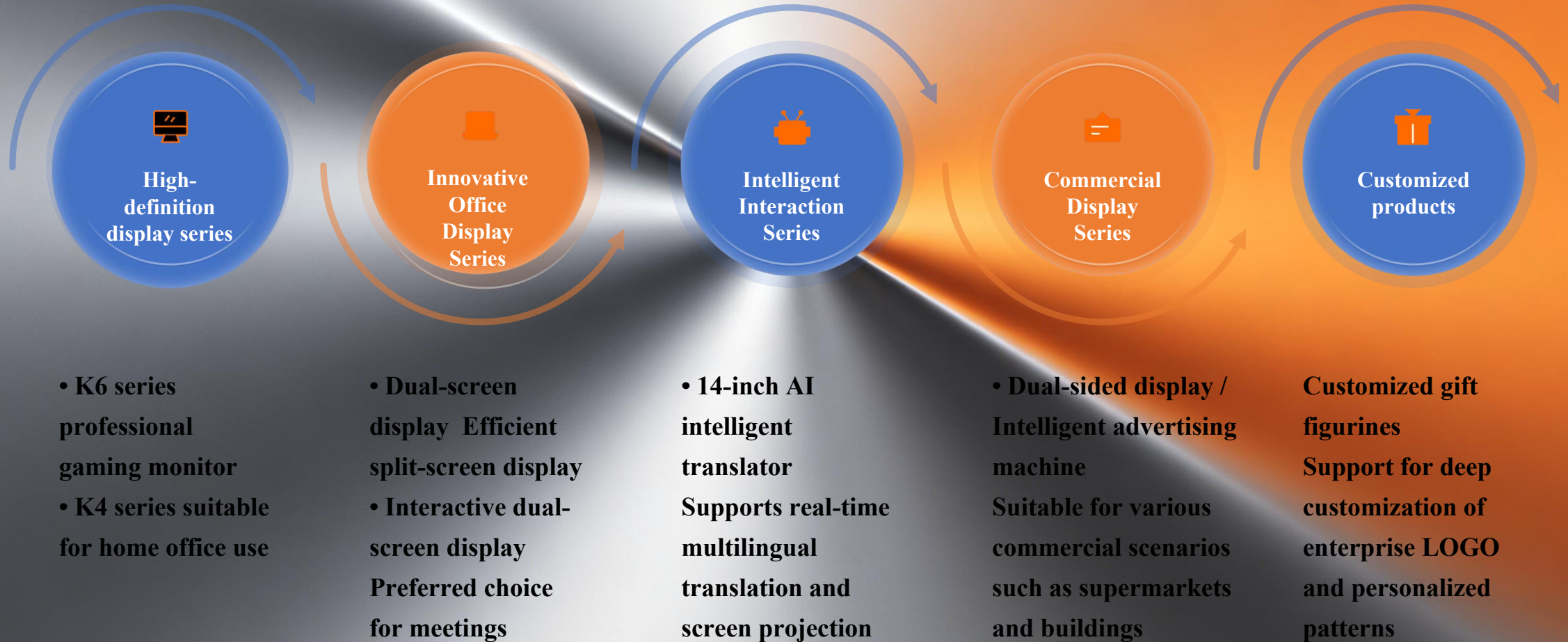
The plastic light guide plates used in traditional displays tend to age and yellow over time due to exposure to light and heat. This results in a gradual decline in display brightness, color gamut, and uniformity, ultimately affecting the color accuracy and viewing experience.



GLLED's solution: Lasting freshness

GLLED employs glass optical materials with extremely stable physical and chemical properties, fundamentally resolving the issue of aging. This means that regardless of how long it is used, the GLLED display can maintain stable and outstanding optical performance throughout its entire lifespan, remaining as new as ever.

Product Matrix



K6 High-Definition Monitor

PRODUCT POSITIONING

A globally unique display technology, designed to provide an outstanding visual experience for professional users, balancing both design aesthetics and robust performance.



Ultra-precise craftsmanship · GLED technology

Adopting innovative GLED backlight technology, it features an ultra-thin body design with outstanding texture, seamlessly blending into the desktop.



Multiple specifications · Full-scenario compatibility

Offering sizes ranging from 24 to 27 inches and resolutions from FHD to 4K ultra-clear, it meets diverse needs for office and design purposes.



High refresh rate · Smooth dynamic visuals

Supports a maximum 400Hz ultra-high refresh rate, with millisecond response time, allowing you to easily handle both esports games and high-speed dynamic scenes.



K6 High-Definition Monitor | Product parameters

Size

24" / 27"

Color gamut coverage

NTSC 72% - 85% wide color gamut

Display screen

VA / IPS Professional Panel

Refresh rate

75Hz ~ 400Hz ultra-fast refresh rate, no screen flicker

Resolution

FHD (1080P) / QHD (2K) / UHD (4K)

Brightness uniformity

75% to 85% (ensuring consistent picture brightness)

Appearance color

Classic black / Simple white

Contrast

3000:1 high contrast, deep black performance

Screen brightness

220cd/m² ~ 350cd/m² (Typ.)

Viewing angle

178° (horizontal) / 178° (vertical) Ultra-wide viewing angle



| K4 High-Resolution Monitor

Product positioning

An all-round display that combines outstanding performance with minimalist aesthetics, specially designed for users who value high-quality life and efficient work.



Picture quality engine - stable and reliable.

It inherits GLED's advantages, precisely adjusts colors, and delivers detailed, stable, true-to-life professional display.



Rich interfaces · Suitable for various scenarios

It has a full range of ports and user-friendly details, seamlessly connecting to multiple devices for easy control of both office and entertainment needs.

K4 High-Definition Monitor | Product parameters

Size

24" / 27"

Display screen

VA / IPS panel

Resolution

FHD / QHD / UHD High Definition Picture Quality

Color

Classic black / Simple white

Brightness

220cd/m² (Typ.) ~ 350cd/m² (Typ.)

Color gamut

NTSC 70% - 85% color reproduction rate

Refresh rate

75Hz ~ 400Hz (High-refresh-rate experience for esports)

Contrast

3000:1 (Deep black, with distinct gradations)

Brightness uniformity: 70% - 85% | Strong consistency of the picture

Viewing angle: 178° (H) / 178° (V) | Full-angle clarity

Dual-sided Monitor



Product positioning

An innovative office display device specially designed for open-plan offices, breaking the traditional one-sided limitation and connecting both parties for collaboration, enhancing the efficiency of information exchange.



Core feature

- **Dual-screen display (front and rear):** Support two-way information synchronization or differentiated display to achieve "face-to-face" efficient information sharing
- **Ultimate Space Aesthetics:** The ultra-thin design of the body and the compact base effectively utilize every inch of the office desktop.
- **Multi-scenario Adaptation:** Widely applicable to team collaboration communication, enterprise front desk information display, and real-time information release in the lobby.

Interactive Double-Sided Display



Product positioning

Designed for service windows, this smart interactive display breaks the one-way flow of traditional single screens, optimizing both service and operation experiences.



Core features and values

Dual-screen interaction: 24" front screen shows core info, 14" rear screen for staff operations.

Wide use: Ideal for bank, government, and retail service windows—reduces processing time and boosts customer satisfaction.



14" AI Intelligent Translator

Product positioning

Intelligent dual-screen interaction, combined with a 14-inch high-definition large screen, offers a smooth translation experience, effortlessly overcoming language barriers in cross-border communication.

Real-time AI translation



Integrates advanced AI engine, supporting real-time and accurate translation in multiple languages.

14-inch high-definition large screen



Super wide field of vision, the translated text is clear and intuitive, making reading much easier.

Cinema-quality sound effect



Built-in high-fidelity audio system ensures clear voice reproduction and enables seamless communication.

Personalized color scheme



Offer a variety of fashionable color schemes to meet the needs of different scenarios and styles.



Double-sided display board / advertising machine

Double-Sided Digital Signage



Product positioning: Thinner and brighter, creating an eye-catching commercial visual center, enhancing brand exposure and information transmission efficiency

Double-sided display

Showing same or different content on both sides doubles info efficiency and reaches more people.

Ultra-thin bezel

Minimalist design, ultra-narrow borders, stylish and grand, fits seamlessly into any commercial space.

Highlighting display panel

Bright anti-glare screen with vivid colors, handles complex indoor and outdoor lighting.

Full-size coverage

Available in 32" to 65", it fits malls, buildings, transit hubs, and more.

Customized Gift Ornaments

Product positioning

Tailored for various application scenarios, integrating technology and art, it showcases unique taste and high-end style.

⚡ Double-sided illumination

Using soft-light LED bulbs, the light is evenly distributed without flickering, with low power consumption and greater durability.

🔧 Brightness adjustable

Supports multi-level brightness adjustment, perfectly adapting to different ambient light conditions in indoor and conference room settings.

★ High-end solid wood base

Selected from high-quality raw wood materials, it can be personalized with engraved words according to the needs of enterprises or individuals.

⚡ Convenient USB charging

The universal Type-C interface provides convenient and fast charging, is environmentally friendly and energy-saving, and eliminates the hassle of frequently changing batteries.



| Summary & Outlook

We offer a full range of innovative display products, covering both personal consumption and commercial applications, to meet diverse needs. From the professional K series monitors, to the innovative dual-screen design, and to the intelligent AI translation devices, our product lineup is continuously expanding, creating more value for users.

Technology leadership

Shaanxi E-Champ Global Trading Co., Ltd. has redefined the display standard with its globally unique GLED technology. By replacing plastic with glass, we have not only achieved a significant leap in environmental friendliness, durability and stability, but also ushered in a new era of display technology.

Product innovation

Future Vision

We d more intelligent display solutions, leading the future of the display industry.

| Contact Us

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