

COMPANY PROFILE

GUANGZHOU YOUGUANG OPTOELECTRONICS CO., LTD.

2026



Contents

1

About Us

2

Factory Overview

3

Product Showcase

4

Value Proposition & Scope

5

Production Line & Bulk OEM Assembly

6

Metal Processes & Optical Dotting

7

Quality · Certificates · Exhibitions



About Us

Integration Solution Provider of Taiwan Wah Lee Industrial Corp.



Engineering Plastic



Industrial Material



Refrigerant



Semiconductors



Opto Electronics



Power Component



Information Displays



Wah Lee Industrial Corp. (Est. 1968) advances high-tech industries through advanced materials, equipment, and value-added services. Guangzhou Youguang Optoelectronics Co., Ltd. (Est. 2000) is Wah Lee's Guangzhou subsidiary focused on high-brightness digital signage - combining in-house sheet-metal fabrication with end-to-end system integration.

Taiwan



Company : Wah Lee Industrial Corp.
Established : 1968
Headquarter : Taiwan
Chairman and CEO : Mr. Gary Chang

Guangzhou



Subsidiary : Guangzhou Youguang Optoelectronics Co., Ltd.
Established : 2000
Location : Xintang Town, Zengcheng, Guangzhou, China



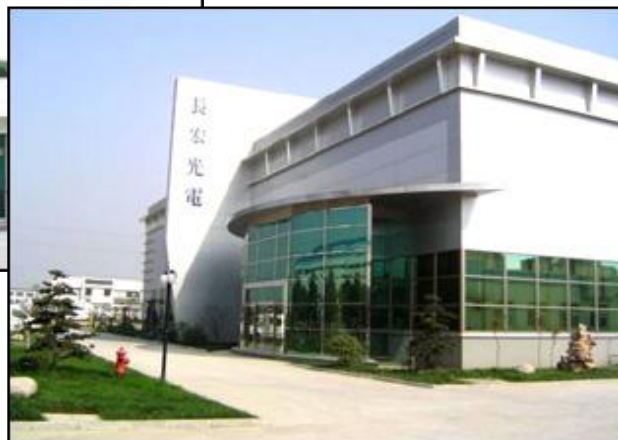
Wah Lee Industrial Corp
Material Pioneer • Technology Navigator



GUANGZHOU YOUGUANG
OPTOELECTRONICS CO., LTD.

Factory Overview

Taiwan Headquarter



Guangzhou Production Plant



Product Categories

→ Ultra-Bright Outdoor LED Signage

→ High-Visibility Window-Shopping Signage

→ Super-Bright Outdoor LCD Signage



Ultra-Bright Outdoor LED Signage

Storefront Branding | Outdoor Advertising

- Up to **5,000 nits** for high-impact outdoor visibility.
- **Fine-pitch** options with **seamless multi-panel splicing**.
- **Weatherproof** build with **aluminum chassis** for long-duty outdoor operation.
- **Quick-install** structure; mobility/foldable concepts supported for flexible deployment.



High-Visibility Window-Shopping Signage

Window-Facing Retail | Visual Merchandising

- Window-facing solutions engineered to **pull traffic** and reinforce in-store branding.
- **Dual-side concept** available: front-facing digital content + rear lightbox messaging
- Designed for high-clarity presentation in premium storefront environments.



Super-Bright Outdoor LCD Signage

Outdoor Advertising | Wayfinding

- Up to **5,000 nits** with **IP55** protection for outdoor readability and durability.
- **Auto-Dimming** for efficient brightness control across day/night conditions.
- Supports outdoor form factors: poster, wall/hanging, and totem-style deployments.
- Touch-ready and mobility-friendly options for wayfinding and public-use scenarios.



GUANGZHOU YOUGUANG
OPTOELECTRONICS CO., LTD.

Product Categories

→ Portable Outdoor LCD Signage

→ Custom Metal Fabrication & Integration

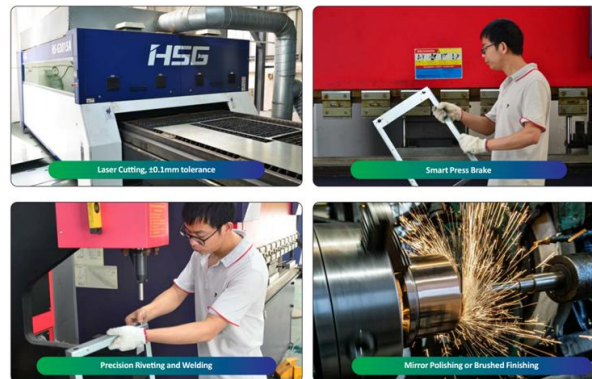
→ Commercial & Public Spaces Solutions



Portable Outdoor LCD Signage

Events | Pop-up Retail | Temporary
Wayfinding

- **LiFePO4 battery ~12 h** with outdoor-oriented protection design.
- **Mini-LED** option and **OCR full-lamination** concept for durability-focused builds.
- **Solar boost + Auto-dimming** available to extend runtime and optimize power usage.



Custom Metal Fabrication & Integration

In-House Enclosures | System Integration

- **In-house metal + end-to-end assembly** built for **high-mix, low-volume** signage.
- Advanced sheet-metal processes; **optional optical dotting** supported.
- **Quality & compliance** as standard delivery discipline across product lines.



Commercial & Public Spaces Solutions

Interactive | Reception | In-Store | Guidance |
Public-Space Turn-Key

- Interactive & collaboration: kiosks and multi-user tables in the **~400-nit class**.
- Reception & overhead: **3-sided LED counters** and **~700-nit hanging LED** solutions.
- Mobile indoor LCDs: **43" rechargeable (~12 h)** lock-wheel units; **13.3" desktop (500 nits / ~12 h)**.
- Podium & lightbox: integrated AV podium concepts; **frameless SEG** lightbox with **40-mm slim profile**.



Value Proposition & Scope

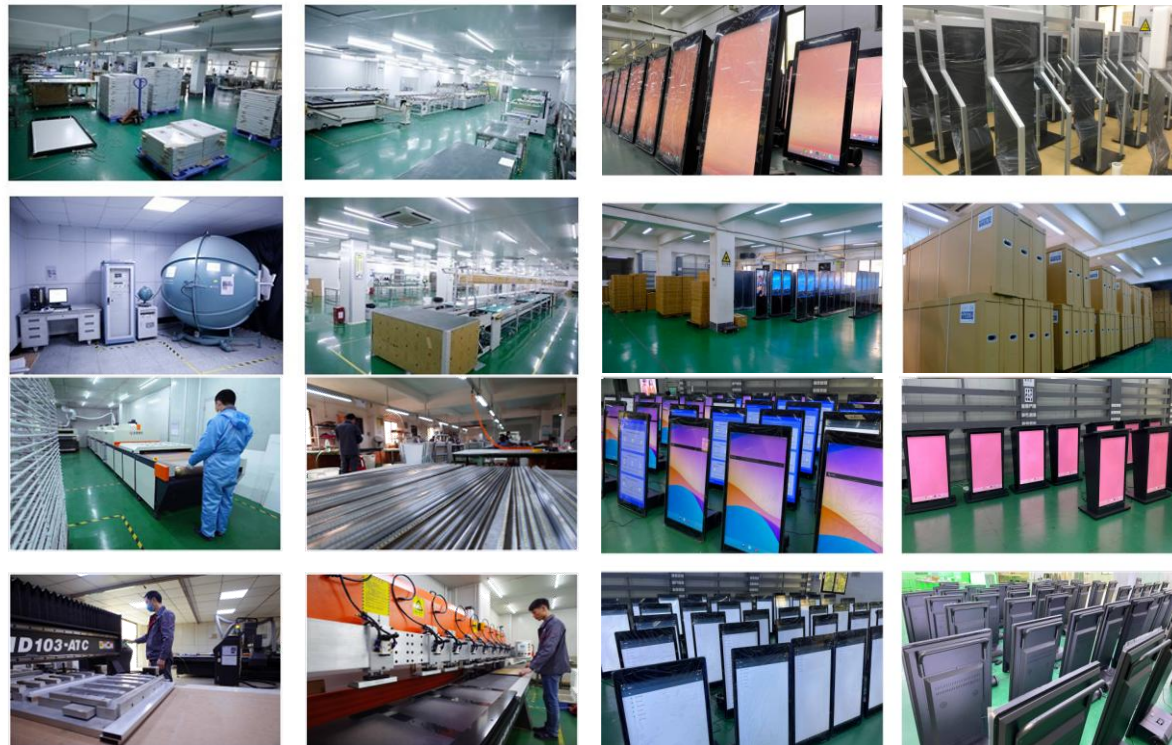
GYOE's Sheet-metal Line Enabling High-mix, Low-volume Custom Signage Enclosures & Integrated Structures



- ✓ **One-Stop Flow:** design → laser cutting → CNC bending → welding → powder coating → assembly.
- ✓ Precision tolerances, clean finishing, tight thermal/ EMI/mechanical integration.
- ✓ **Prototype-to-mass with rapid iteration;** DFM for LED/LCD/kiosk enclosures.
- ✓ **Full quality control and traceability-ready** workflows across the line.



End-to-end Assembly with Component Sourcing & Scalable Throughput



- ✓ **Prototype-to-mass flexibility;** takt-time planning and jigs/fixtures management.
- ✓ **Quality gates:** ICT, aging, and functional tests; outbound QA documentation.
- ✓ **Compliance-ready deliverables:** CE/FCC/UL support; labeling and traceability.
- ✓ **Commercial impact:** up to 15% cost savings through integrated manufacturing.



Metal Processes & Optical Dotting

Manufacturing Depth for Premium Structures; Optional Optical Dotting Services

Metal Pattern



Wood Pattern



Leather Pattern



Fabric Pattern



- ✓ **Metal:** laser cutting, CNC bending, TIG/MIG welding; surface finishing via powder coat or anodizing.
- ✓ **Assembly:** bracketry, sealing/gasketing, glass bonding, thermal path and airflow design.
- ✓ **Optical dotting (optional):** uniform luminance plates; speed boost up to +30% delivery.
- ✓ **Designed for LED/LCD signage, kiosks, counters, and industrial enclosures.**



Assurance for Commercial and Public-Space Deployments



- ✓ **ISO 9001 quality system;** RoHS/CE/FCC/UL compliance support.
- ✓ **Environmental and reliability focus:** IP rating, thermal management, anti-UV coatings.
- ✓ Documented processes, material specifications, and end-of-line testing records.
- ✓ **Showcase-Ready:** in-house metal line showcased via LED display counter...etc. samples.

THANK YOU



GUANGZHOU YOUGUANG
OPTOELECTRONICS CO., LTD.

DESIGN • SIGNAGE • METAL

- Precision Engineering for Commercial and Public Spaces

Visit us on Alibaba



Visit our Website

