

# PRODUCT . INTEGRATION



GUANGZHOU YOUNGUANG  
OPTOELECTRONICS CO., LTD.

**DESIGN • SIGNAGE • METAL**

*- Precision Engineering for Commercial and Public Spaces*

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# Ultra-Bright Outdoor

# LED Signage

Posters and modular videowalls for branding, advertising, event

## SCNB03 | Scalable LED Signage

Max. 5,000 Nits | P2.5 | IP65 | Up to 6-Unit Splicing | 100,000-hr Lifespan | NOVA Control | Lockable Wheels



- ✓ Outdoor cabinet and up-to-5000-nit brightness preserve legibility in direct sunlight across storefronts and plazas.
- ✓ Seamless splicing up to six units builds large façades with straightforward on-site deployment & maintenance..



# High-Visibility Window- Shopping Signage

High-brightness LCD and CoB LED for premium retail façades

## ADH06 | 55" Window-Shopping Signage

Window-Facing | Max. 5,000 nits | 18 mm Bezel | Quick Install |  
Android 11 | USB/CMS



- ✓ Daylight-readable window signage with slim bezel for vitrines and glass façades where strong luminance is essential.
- ✓ Wall, hanging, or floor formats enable consistent storefront rollouts using standard content workflows.

## SCNW01 | Ultra-Fine Pitch CoB LED Video Wall

Indoor | CoB P0.9~P1.5 | 600x337.5 mm | 700 Nits | Mg-Alloy |  
Front Service | Seamless Splice



- ✓ Bezel-free micro-pitch produces dense pixels and wide viewing for premium vitrines & interior features.
- ✓ Lightweight cabinets and front maintenance fit tight window bays with fast, unobtrusive service.

## ADH02 | 21.5" Double-Sided Hanging LCD

Window-Facing | Dual-Sided | FHD | Small Footprint | Lightweight |  
Android 11



- ✓ Compact dual-view solution  
ideal for dense message grids  
where space, weight, and  
ceiling loads are constrained.
- ✓ Fast mounting and quick  
graphic swaps support  
frequent retail promotions  
with minimal disruption.



# Super-Bright Outdoor LCD Signage

Outdoor Advertising & freestanding totems for wayfinding, directories, public information

## ADS09 | 43" Floor-Standing Signage

Max. 5,000 Nits | IP55 Rating | FHD | Android 11 | Heat Dissipation |  
Lock-Wheels



- ✓ Outdoor totem for entrances, plazas, and public guidance, combining high luminance with weather protection.
- ✓ Built-in system and thermal design support common media formats for reliable, long-hour operation.



# Portable Outdoor

# LCD Signage

Battery-powered, IP-protected, mobile LCD signage for outdoor use

## ADA03H6 | 43" Rechargeable Signage

2,000 Nits | LiFePO4 ~12h | FHD | Sharper Image | OCR Full-Lamination |  
IP65 | Auto-Dimming | Anti-theft | L-Frame



- ✓ Cable-free runtime with automatic brightness control suits events, campuses, and semi-outdoor commercial routes.
- ✓ Super high contrast (1,000,000:1) maintains detail under variable light for clear guidance and temporary promotions.



# Capabilities &

# Integration

In-house sheet-metal fabrication for custom signage enclosures, integrated with precision metalwork



## In-house Sheet-metal & End-to-End Assembly for High-mix, Low-volume Signage System <sup>1</sup>



- **One-stop flow:** design → laser cutting → CNC bending → welding → powder coating → final assembly.
- **Engineered integration:** tight thermal/EMI/mechanical fit for LED/LCD housings, kiosks, and counters.
- **Prototype-to-mass:** rapid iteration, DFM/DFA support, fixture planning, and service-friendly construction.
- **Traceability & control:** component sourcing, process checkpoints, and documentation throughout the line.

<sup>1</sup>: In-house sheet-metal customization available across GYOE's products.

### ■ Integrated Manufacturing: Up to 15% Cost Savings · Traceability-Ready Workflows



- **Live Sample(s)** : SCN04 Mobile LED Counter & ADA08B Signage Enclosure
- In-house Metal Frame | Powder-Coat Finish
- **Design → Metal → Assembly**

## Manufacturing Depth for Premium Signage Structures | Optional Optical Dotting for Luminance Uniformity<sup>2</sup>

Metal Pattern



Wood Pattern



Leather Pattern



Fabric Pattern



- **Metal core:** laser cutting, CNC bending, TIG/MIG welding; premium finishing via powder coat or anodizing.
- **Sealing & bonding:** gasketing, enclosure sealing, glass/OCR bonding; brackets and structural reinforcements.
- **Thermal path design:** heatsink interfaces, airflow channels, and environmental protection for outdoor duty.
- **Optical dotting (optional):** uniform luminance backplates with **speed boost up to +30%** on delivery.

<sup>2</sup>: - Applies to GYOS's LED/LCD signage, kiosks, reception counters & industrial enclosures.  
- Percentage refers to process lead-time improvement vs. conventional baselines; availability optional per project.

## Assurance for Commercial and Public-space Deployments <sup>3</sup>



- **Quality system:** ISO 9001; process documentation; end-of-line functional/aging checks and QA reports.
- **Compliance support:** RoHS/CE/FCC/UL deliverables, labeling, and audit-ready records.
- **Environmental reliability:** IP protection, thermal management practices, anti-UV finishing options.
- **Showcase-ready:** LED display counter and sample housings demonstrate **design→metal→assembly** capability.

■ ISO 9001 · CE/FCC/UL Support · Outdoor-grade Reliability

<sup>3</sup>: - Compliance scope depends on final configuration & destination-market requirements.  
- Scan QR for GYOE's capability briefs.



## SCNS04 | Mobile LED Counter

P1.25~P2.5 | 700 Nits | Steel Cabinet | Caster Wheels | Wi-Fi/USB



- ✓ Reception-grade LED counter combining signage and storage | built for events and branded public-space touchpoints.
- ✓ Mobile structure with instant content updates for events and lobbies demonstrates our **design → metal → integration** manufacturing capability.

## ADA08B | Desktop Reception Signage

13.3" FHD | ~500 Nits | ~12 h Battery | Android 10 | 2\*USB/RJ45 | L-Frame



- ✓ Counter-top display with day-length battery for cash wraps, reception and demo tables.
- ✓ Basic I/O keeps media updates straightforward.



# Visit Us @ Booth #10A15-2

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