



Guangdong R&E Optical Electronic Technology Co., Ltd.

Content

- 1 Introduction
- 2 R&D Capability
- 3 Production Capacity
- 4 Service Capability
- 5 Quality Assurance
- 6 Product Showcase
- 7 Core Supply Chain



About US



R&E Optoelectronics, a national high-tech enterprise established in 2009, with a 70,000m² factory (40,000m² clean workshops) and over 2,000 employees (100+ R&D personnel). R&E builds its core competitiveness through superior products, industry-leading manufacturing technologies, and a robust support service system, evolves into a global smart equipment manufacturer and superior service provider.

17+
Years Experiences

US\$25000000
Registered Capital

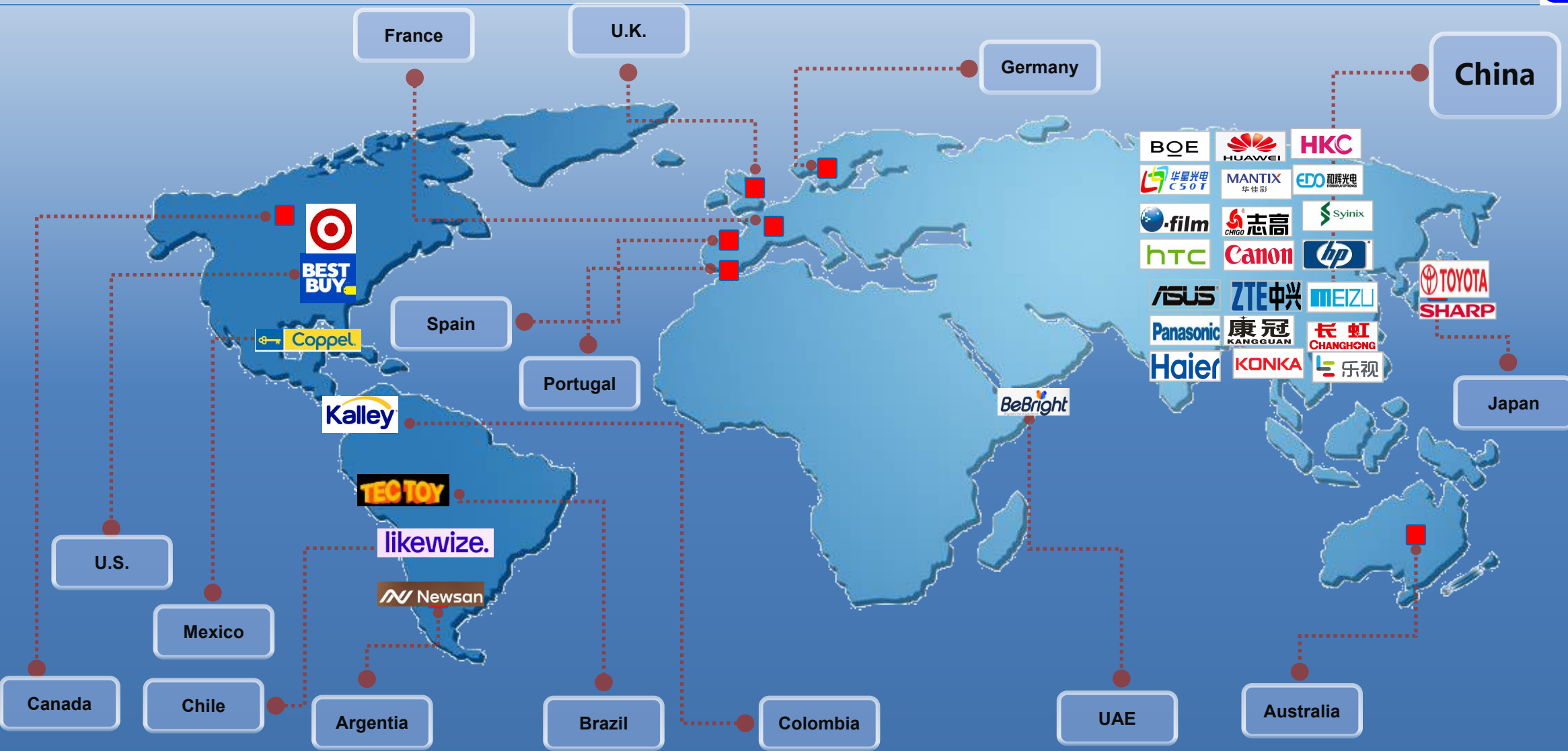
2000+
Employees

70,000m²
Manufacturing Base

770k
Annual Manufacturing Capacity



Global Strategic Partnership, Exploring Cooperation



Our products have been exported to North America, South America, Europe, the Middle East, and Southeast Asia....



R&D Capability



Service Model



ODM

Customized Manufacturing Tailored to Your Needs



OEM

Clients supply materials; we manufacture according to requirements.

Research and Development Fields and Directions

communication field

Covering smartphones, tablets, and IoT devices, catering to a wide range of communication requirements.

01

Smart Home Field

Developing smart living and smart office products to enhance convenience in daily life and work.

02

Information Management & Software Customization

Offering services including custom software development for information management, cloud solutions, and big data analysis.

03

Industry Application Solutions

Solutions for industry applications, including intelligent transportation systems and healthcare.

04

- R&E boasts the industry's largest panel cutting capacity;
- R&D and manufacturing capabilities for 7-inch to 39-inch pre-installed automotive modules;
- cutting-edge curved screen technology;
- R&D, processing, and assembly capabilities for 0.6-inch to 120-inch backlight panels.
- Customizable Dimensional Products with Special Shapes and Extreme Curvature (R400) Products

100+

R&D staff

70,000m²

Manufacturing Base

>30%

Proportion of R&D Investment

300+

Patents



Production Capacity



1

5 to 17.3-inch production line

Monthly capacity: 350K
Equipment precisionK: $\pm 0.5\text{mm}$
CPK: ≥ 1.33
Product yield rate $\geq 99.5\%$

2

18 to 43-inch production line

Monthly capacity: 200K
Equipment precisionK: $\pm 0.5\text{mm}$
CPK: ≥ 1.33
Product yield rate $\geq 99.5\%$

3

55 to 75-inch production line

Monthly capacity: 120K
Equipment precisionK: $\pm 0.5\text{mm}$
CPK: ≥ 1.33
Product yield rate $\geq 99.5\%$

4

86 to 115-inch production line

Monthly capacity: 100K
Equipment precisionK: $\pm 0.5\text{mm}$
CPK: ≥ 1.33
Product yield rate $\geq 99.5\%$

R&E has four major complete machine production lines, while also boasting powerful laboratory support capabilities.

Material Preparation



Material feeding



Install



packaging



Test



ageing





Service Capability



$\geq 99.5\%$
Product yield rate

95%
On-time delivery
rate (OTDR)



Service Full Cycle Service Process

01

Installation and debugging

02

Regular maintenance and
inspection

03

quick fault handling

04

Customer satisfaction
follow-up

Digitalization of after-sales management enables more efficient and accurate customer service

01

Digitalization of after-sales service

The CRM and MES are fully deployed to enable end-to-end digital management covering service requests, order dispatch, execution, and follow-up, ensuring transparent and traceable service processes.

02

predictive maintenance

By integrating IoT technology, predictive maintenance is being piloted on select high-end products. Through data collection and analysis of equipment operation, potential failures can be predicted in advance, shifting from reactive repair to proactive prevention, thereby significantly improving equipment availability.

03

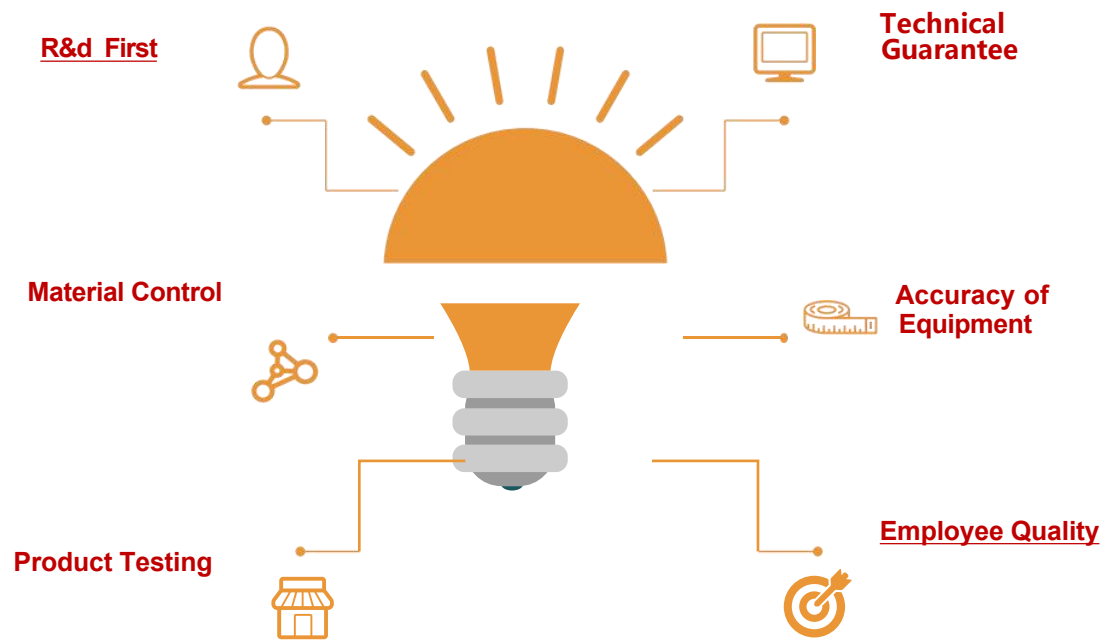
Customer Self-Service Platform

We are developing an online self-service platform for customers, integrating features such as a FAQ database, equipment operation manuals, online repair requests, and spare parts search. This platform provides 24X7 online support to enhance service convenience.



Quality Assurance

Process Assurance



Product Development→EVT (Engineering Verification Test) → DVT (Design Verification Test)→Pvt (Production Validation Test)→ MP (Mass Production)

- Each project undergoes 19 reliability tests, and only after 100% pass rate will mass production commence.

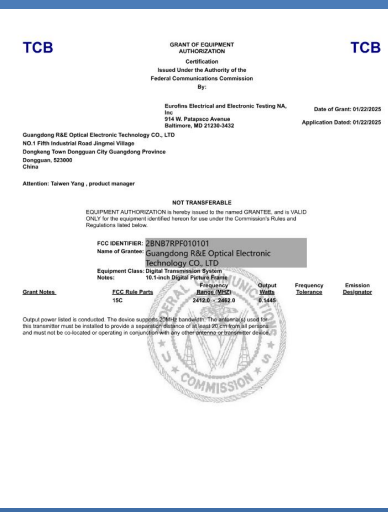


Certification

Practice Total Quality Management (TQM) and build a quality assurance system that meets international standards.



R&E's products are certified with CCC, FCC, CE, and other standards, ensuring global compliance and reliable quality





Product Showcase

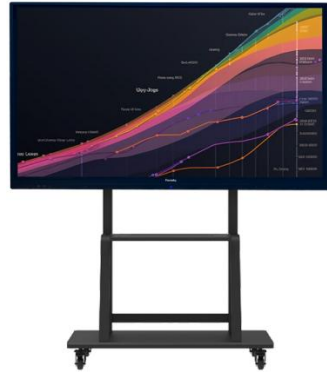
we provide system solutions with high-quality standard and custom products, supporting full-process ODM/OEM from components to 8K ultra-HD intelligent equipment.

Product Coverage: Commercial displays, automotive displays, and fast-moving consumer electronics (FMCE) displays.



LED display

01



Conference board

02



All-in-one computer

03



Monitor

04

Digital calendar

08

Digital photo frame



07

Portable monitor



06

Mobile Smart Screen



05

Television





- Located in the heart of the global manufacturing hub, R&E offers rapid development and cost-effective solutions.
- R&E always regards supply chain security as the lifeline of corporate development. By signing strategic agreements, the company has secured key raw materials and core production capacity, effectively mitigating risks arising from market fluctuations. These measures have not only perfected the company's global supply network but also ensured stable delivery to global clients through efficient coordination mechanisms.

Thank YOU

*Factory Headquarters Address: No.1 Fifth Industrial Road Dongkeng Town Dongguan
City Guangdong Province
Email: lisayang@ren-enyu.com
Tel: 0769-83386997
Website: <https://www.renenyu.com>*