



SINCE 2009

Company Profile

HuaXin Technology (Enshi) Co.,Ltd

Products are widely used in mobile phone, automobile, industry, household appliances, electric power, finance, medical, consumer products and other fields.

Human-computer Interaction Display Leader

C O N T E N T S

- Company profile
- Core advantages
- Honorary qualifications
- Manufacturing&Technical Capabilities
- Partners

PART 01

Company Profile

- company profile
- product type
- application
- Application Scenario
- development history
- corporate culture

HUAXIN TECHNOLOGY (ENSHI) CO.,LTD



Huaxin Technology (Enshi) Co., Ltd. is a high-tech enterprise specializing in the research and development, production, and sales of liquid crystal panels (LCD), liquid crystal display modules (LCM), touch screens (TP), OLEDs, and LED backlight sources. The company's factory covers an area of 30,000 square meters, and it has well-supported high standard professional production lines and professional production equipment for LCD, LCM, COB, COG, COF, Backlight and electronic assembly.

Company Profile

■ product type



LED backlight



LCD



LCM



TFT module



OLED



Three-color ink screen

The company has 2 LCD production lines, 8 LCM module production lines, 6 backlight production lines, and 2 OLED production lines. LCD products cover series such as TN, STN, HTN, FSTN, VA, etc; LCM covers: COB, COG, TP, OLED, LED backlight, tricolor ink screen and other series.

Company Profile

- application

Huaxin Technology can provide customers with complete design and production solutions in the field of liquid crystal display. It can complete LCD glass front section, middle and back section, capacitive touch screen, backlight, LCD module to full lamination production solution. The products are widely used in various fields such as mobile phones, automobiles, industry, home appliances, electricity, finance, healthcare, consumer products, etc. For example: mobile phones, car gauges, charging stations, driving recorders, telephones, air conditioners, refrigerators, washing machines, electricity meters, water meters, gas meters, smartwatches, game consoles, treadmills, forehead temperature guns, blood pressure gauges, blood oxygen meters, POS machines, etc.



industrial equipment



Daily necessities



medical equipment



Educational learning



Automotive Electronics



consumer finance



Instrumentation

Company Profile

Application Scenario

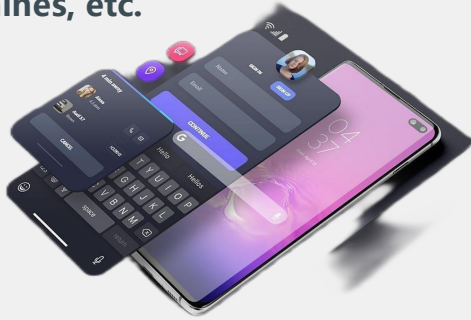
For example: mobile phones, car gauges, charging stations, driving recorders, telephones, air conditioners, refrigerators, washing machines, electricity meters, water meters, gas meters, smartwatches, game consoles, treadmills, forehead temperature guns, blood pressure gauges, blood oxygen meters, POS machines, etc.



Charging Station



sphygmomanometer



Mobile Phone



POS machine



Household Appliances



Smart Lock



SmartWatch



Electronic scale

Company Profile

■ development history



2009

Established Shenzhen Huajing Century Technology Co., Ltd



2011

- ◆ Obtained the title of National High tech Enterprise
- ◆ Certified by ISO 9001 quality system
- ◆ Certified by ISO 14001 Environmental System



2020

- ◆ Establishing Huaxin Technology (Enshi) Co., Ltd



2021

- ◆ Certified by ISO 9001 quality system
- ◆ Certified by ISO 14001 Environmental System



2022

- ◆ Obtained the title of National High tech Enterprise
- ◆ Received the title of "Specialized, Refined, and New" Small and Medium Enterprises in Hubei Province



2023

- ◆ Certified by IATF16949



2026

- ◆ The target output value for 2026 is RMB 800 million. Plan to be listed on the small and medium-sized board. Strive to become a benchmark enterprise in the LCD display industry.

Company Profile

■ corporate culture

Positioning

Benchmark enterprise in the LCD display industry

Concept

Integrity, dedication, pragmatism, and innovation

Mission

Achieve customers, brands, and employees

Target

Internationalization, branding, and specialization



PART 02

Core advantages

- Design advantages
- Service advantages
- Production capacity
- Technical advantages

- Design advantages

● We have dozens of experienced R&D technicians who can ensure professional design.

● Fast and efficient sample cycle

15-20 days: LCD (pre, mid, and post process)

15-20 days: LCM (non adhesive iron) 20-25 days: LCM (adhesive iron)

8-10 days: BLU (non adhesive iron) 10-15 days: BLU (adhesive iron)

● Fully autonomous core technology

The overall pattern, optical design, mold design, and production application design of the product.
Fully automatic human-machine intelligent mechanical operation technology.

● Product R&D and design capabilities

The specifications of LCD, light guide plate, backlight, LCM, TP, and LED optical components are parallel.

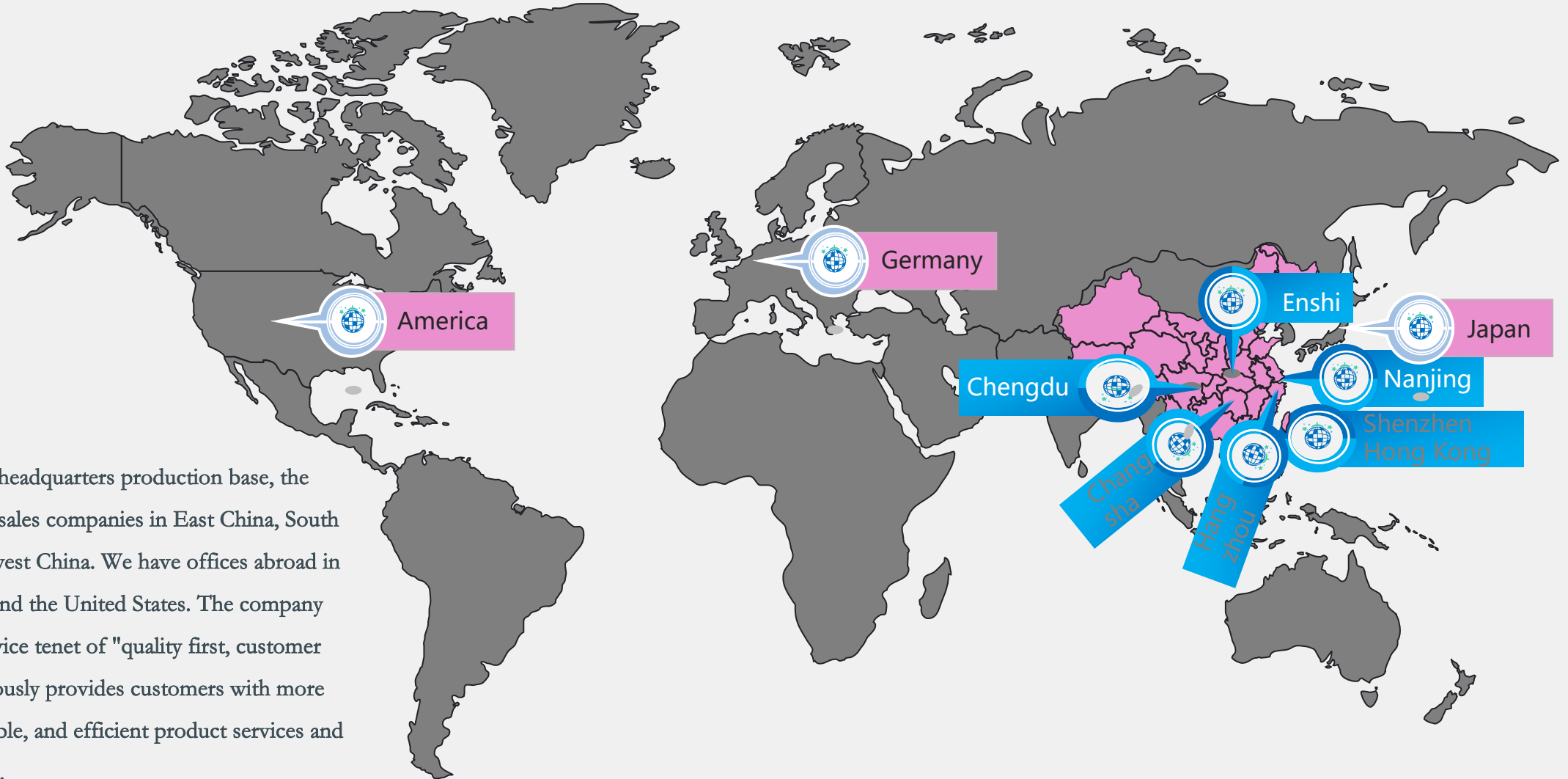
Core advantages

- Production capacity

Annual capacity	2020	2021	2022	2023	2024 (challenge)	Notes
LCD production capacity	1	1.5	2	2.5	4	Unit: Thousand pairs/day
LCM production Capacity	10	16	50	70	90	Unit: thousands/day
Backlight production capacity	10	20	30	40	80	Unit: thousands/day
PMOLED production Capacity	5	8	20	28	40	Unit: thousands/day

Core advantages

■ Service advantages



In addition to the headquarters production base, the company also has sales companies in East China, South China, and Southwest China. We have offices abroad in Japan, Germany, and the United States. The company adheres to the service tenet of "quality first, customer first" and continuously provides customers with more suitable, comfortable, and efficient product services and after-sales services.

Core advantages

■ Technical advantages



- ◆ We have the world's most advanced and high-precision fully automated LCD production line and product testing line.
- ◆ The key process equipment is currently the most advanced imported equipment, such as exposure machines (capable of producing 10 micrometer wide line spacing products), printing machines (with high printing accuracy of up to +/-0.1 millimeters), friction machines (with friction angles of less than 0.1 degrees), cutting machines (with cutting accuracy of 0.1 millimeters and capable of cutting irregular products), AOI machines (automatic functional testing), needle loading lines (fully automatic lines), and fully automatic FOG production lines. Compared to our peers in the industry, our production line is more fully equipped, with not only a complete LCD production line, but also a supporting backlight and module production line, providing customers with a full process LCD display solution.
- ◆ We have well-equipped laboratories and professional testing equipment to provide better product quality and reliability.

PART 03

Manufacturing&Technical C a p a b i l i t i e s

- LCD process/equipment capability
- LCM Process/Equipment Capability
- Critical RA equipment
- Key detection equipment

Manufacturing & Technical Capabilities

- LCD process/equipment capability

The LCD production process consists of the following core processes



Substrate
cleaning

Exposur
Development
Etching

PI coating

Directional
Combination

Crystallography

Patch

Manufacturing & Technical Capabilities

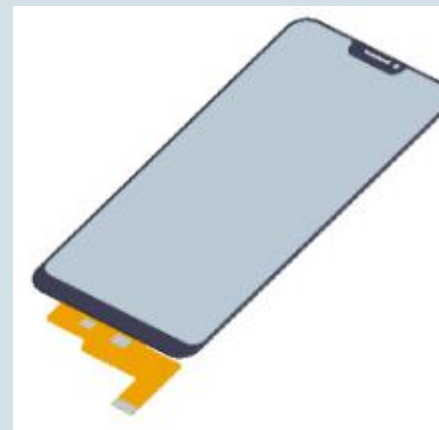
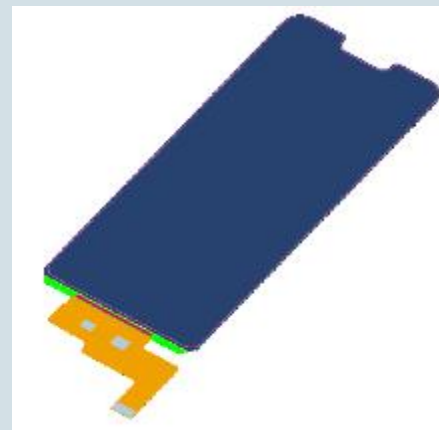
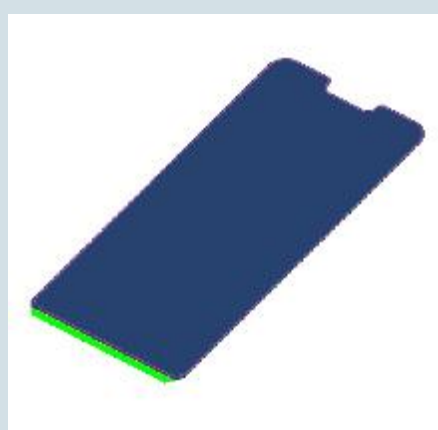
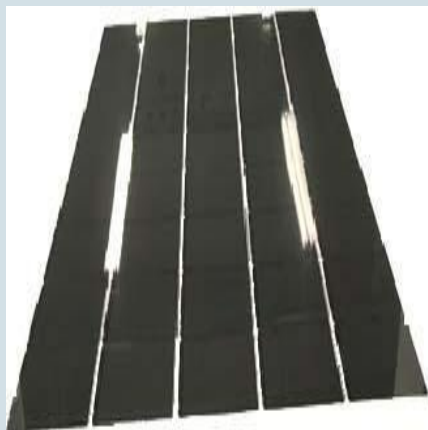
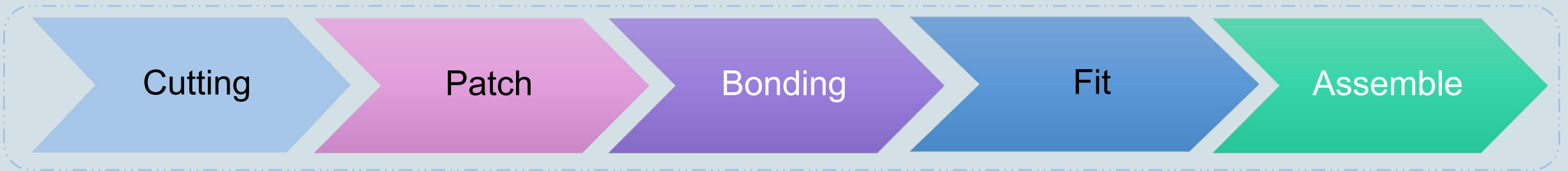
■ LCD process/equipment capability

Production processes	Equipment manufacturer	Producer	Equipment accuracy	Producible size	Monthly production capacity
PR coating	Jingdao	China	1.5um	370mm*470mm	300000PCS
Exposure	Jingdao	China	8um	370mm*470mm	93600PCS
Etch	Jingchengyang	China	5um	370mm*470mm	156000PCS
PI coating	Nankang, Japan	Japan	1000Å±10%	370mm*470mm	117000PCS
Frictional orientation	Jingxiang	China	±0.005mm	370mm*470mm	624000PCS
Fit	Jingxiang	China	± 5μm	370mm*470mm	93600PNL
Perfusion LCD	Huijingyuan	China	min:25mm*32mm	0.96 inch	14KK
Automatic detection	Quanzhou	China	min:25mm*32mm	0.96 inch	14KK

Manufacturing & Technical Capabilities

- LCM Process/Equipment Capability

The LCM production process consists of the following core processes



Manufacturing & Technical Capabilities

■ LCM Process/Equipment Capability

Production processes	Equipment manufacturer	Producer	Equipment accuracy	Producible size	Monthly production capacity (KK PCS/Month)
Cutting section	MDI	Japan	±0.04mm	MAX: 500*500	3.0
	Jingxiang	China		MAX: 950*850	
Paste fragments	Di ao	China	±0.05mm	0.9"-15.6"	3.0
	80 Union	China	±0.05mm	0.9"-15.6"	
COG	Xinsanli	China	±3.0μm	0.9"-15.6"	3.0
FOG	Xinsanli	China	±10.0μm	0.9"-15.6"	3.0
COF	Dingjing	China	±4um	0.9"-15.6"	0.5
	Xinsanli	China	±4um	0.9"-15.6"	0.5
AOI	V-one	South Korea	/	0.9"-15.6"	3.0
Automatic dispensing	Yeqin	China	±0.1mm	0.9"-15.6"	3.0
Fully automatic backlight assembly machine	Kaidayang	China	±0.05mm	0.9"-15.6"	3.0

Manufacturing & Technical Capabilities

■ Critical RA equipment



Constant temperature and humidity machine



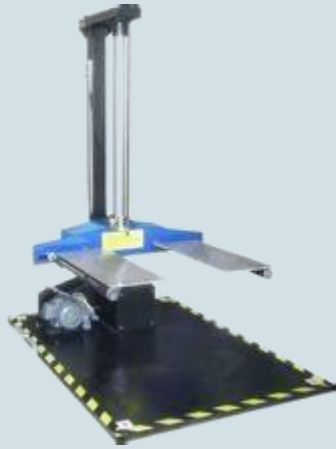
Cold and hot shock box



Incubator



Salt spray test



Drop Test



BM-7 optical tester



ESD discharge gun



Fluorescence analyzer

Manufacturing & Technical Capabilities

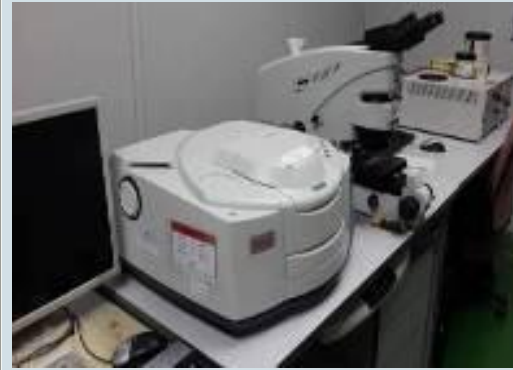
■ Key detection equipment

Electronic scanning mirror



(HITACHI S-3400N)

Infrared spectrometer



(America/ThermoFisher)

Ultra-Depth Three-Dimensional
Microscope



(Japan/KEYENCE)

Spectrophotometer



(China/Yuanfang Puse)

TMA Thermomechanical
Analyzer



(America/TA Q400)

3D contour tester



(Japan/KEYENCE VR-3200)

Spectroradiometer



(Japan/ CS-2000)

2D color analyzer



(Japan/ CA-2500)

PART 04

Honorary qualifications

- Corporate Honors
- System certification
- Testing and certification
- School enterprise cooperation
- System certification

Honorary qualifications

■ Corporate Honors



High and new
technology enterprises



Specialized, refined, and innovative
small and medium-sized enterprises
in Hubei Province



Innovative small and
medium-sized enterprises



Advanced LCD Display Enterprise
School Joint Innovation Center



May Day Labor Award

- ◆ In August 2022, Enshi Prefecture Science and Technology Bureau awarded the "Advanced LCD Display Enterprise School Joint Innovation Center".
- ◆ In November 2022, it was recognized as a national high-tech enterprise.
- ◆ In February 2023, it was recognized as an innovative small and medium-sized enterprise in Enshi Prefecture.
- ◆ In March 2023, it was recognized as a specialized, refined, and new small and medium-sized enterprise in Hubei Province.
- ◆ In May 2023, it was awarded the May 1st Labor Certificate of Enshi Prefecture.
- ◆ In June 2023, it was rated as one of the top ten high-tech enterprises in Enshi Prefecture.



Honorary qualifications

■ School enterprise cooperation

- ◆ In May 2022, we will jointly build an industry university research base with the School of Physics and Optoelectronic Engineering of Shenzhen University.
- ◆ In November 2022, we established an industry-academia-research base and an employment internship base with Hubei University for Nationalities.
- ◆ Establish an expert workstation with experts from Hubei University in March 2023.



Hubei University for Nationalities
Industry University Research Base



Shenzhen University Industry
University Research Base



Hubei University for Nationalities
Internship and Training Base

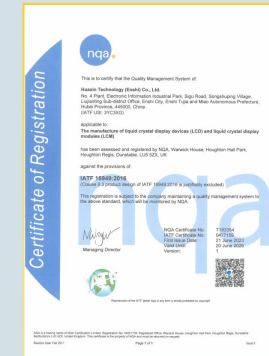
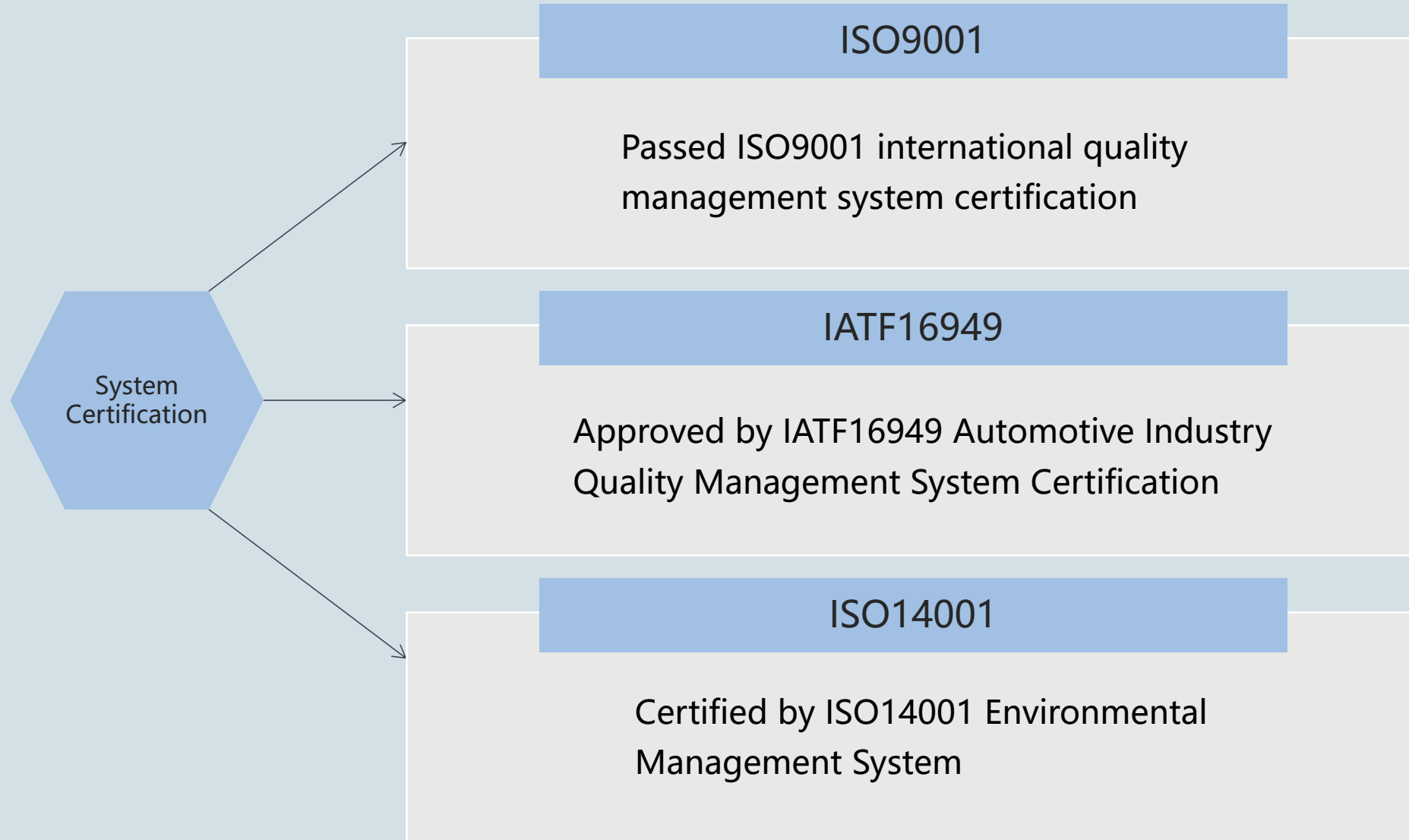


Expert workstation

The cooperation between schools and enterprises, as well as the establishment of expert workstations, have brought the company to a new stage in industry, academia, research and development, talent cultivation, and technology. This has elevated the company's product updates, technology research and development, application, and talent cultivation to a new level, enhancing the overall competitiveness and technical level of the company.

Honorary qualifications

- System certification



Honorary qualifications

- System certification



The company has 3 invention patents

An Unmanned Supermarket Control System Based on RF Technology

Invention Patent①

Invention Patent③

Invention Patent②

An Intelligent Seal Management System and Its Control Method

A TFT-LCD panel manufacturing device

Honorary qualifications

■ System certification



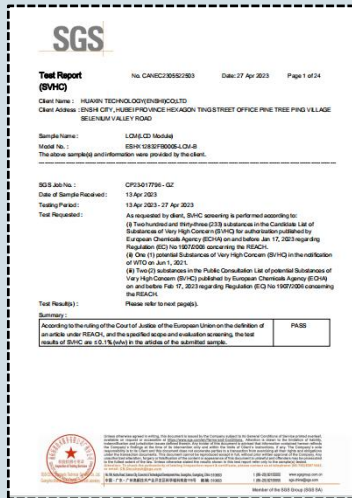
The company has 14 utility model patents

- A bending force testing device for LCD screens
- A fixture for fixing LCD display screens
- A Cutting Device for LCD Screen Module
- An Efficient Heat Dissipation LED Backlight Source
- A liquid crystal display module with adjustable angle
- A LCD panel that can be displayed on both sides
- A curved surface LCD display module
- A New Type of Detachable LCD Panel
- A Double sided Test Stand for LCD
- A flexible curved touch screen for easy installation
- An anti detachment LCD assembly module
- A LCD touch screen with antibacterial function
- A LCD panel with speech recognition function
- A liquid crystal display module that can achieve shockproof function

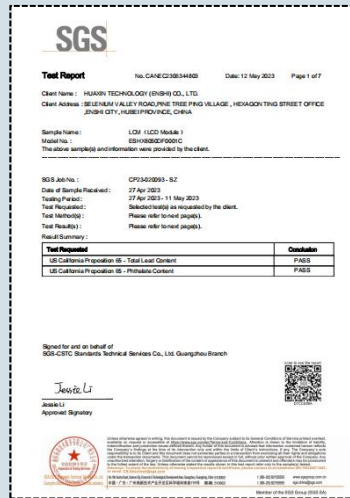
Honorary qualifications



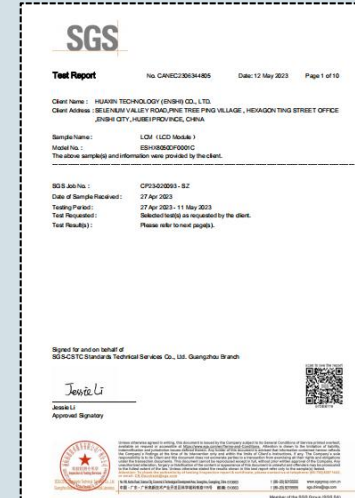
■ Testing and certification



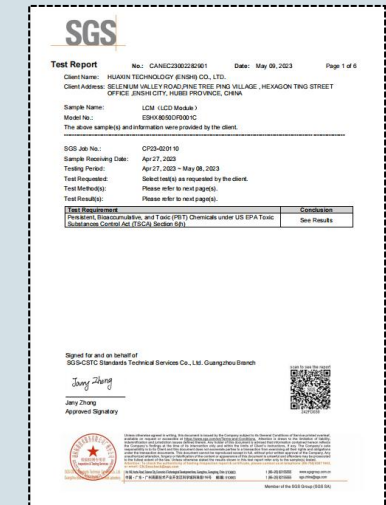
REACH test report



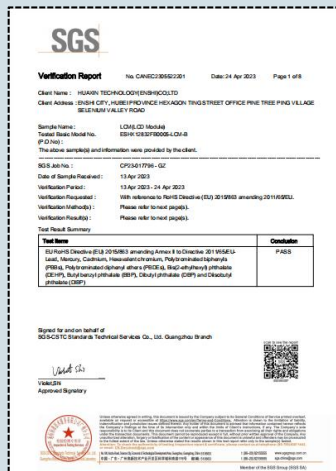
CA65 test report



POPs test report



TSCA test report



RoHS test report

Quality is our life. Guided by the quality policy of "pursuing quality, persisting in excellence, providing first-class services, and striving for customer satisfaction", our company's products have passed environmental and safety testing certifications such as RoHS, REACH, REACH Annex17, CA65, POPs, TSCA, and high and low temperature, ensuring product quality.



High and low temperature testing report

PART 05

P a r t n e r s

- Cooperative clients

Partners

■ Cooperative clients



创意感动生活
The Creative Life

步步高
教育电子

Skyworth
创维

Haier
海尔

AUX
奥克斯

小米
xiaomi.com

GREE
格力

SIEMENS

西门子



HITACHI

Royalstar 荣事达

SUPOR 苏泊尔



美菱 Meiling



汉王
Hanvon

CONTEC®
康泰医学

mindray 迈瑞



YUYUE
鱼跃医疗

andon 九安®

VENTMED
TECHNOLOGY



林洋
LINYANG

正浩
ECOFLOW



HYUNDAI

SAMSUNG

DAIKIN
大金空调



恒银金融
ashway

IFE
快意电梯



华芯科技

HUAXIN TECHNOLOGY

人机交互显示引领者

SINCE 2009

THANKS

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