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Xintechnology Electronics Co., Ltd
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Web



Wechat

XINTECHNOLOGY ELECTRONICS CO., LTD

YOUR
TRUSTED
PARTNER
FOR CUSTOMIZED
SENSOR
PRODUCTS

• ISO9001

• ISO 14001

• ISO 45001

• IATF 16949

Xintechnology Electronics Co., Ltd.

Founded in 2014, Xintec is a Hong Kong-headquartered group enterprise engaged in the design, development, manufacturing, and global marketing and sales of sensing solutions and products. The Group comprises seven subsidiaries, three production facilities, and two international sales representative offices, supported by approximately 450 employees worldwide.

Xintec operates with a strong R&D team and a fully integrated manufacturing system, including tooling design and fabrication, SMT, wire harness assembly, packaging production, automated assembly lines, testing laboratories, and product certification management. This vertically integrated structure ensures high quality standards, operational efficiency, and reliable performance.

The Company's product portfolio includes reed, hall, infrared, NTC/PTC, microwave, capacitive, and inductive sensors, as well as IoT-related solutions. These products serve industries such as automotive, HVAC, water treatment, food and beverage equipment, home appliances, security systems, highways and weighbridge. Xintec also provides comprehensive OEM and ODM services worldwide.

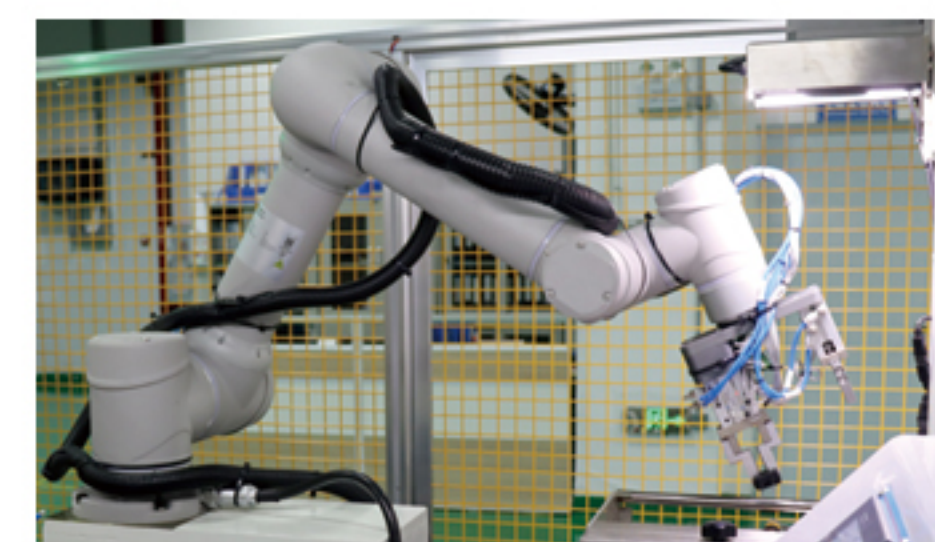


We always adhere to the principle of prioritizing customer needs, and possess highly flexible customization capabilities. Whether it is dealing with various complex parameters such as **liquid level, position, distance, speed, flow rate, angle, temperature, thickness**, etc., we can, with our professional technical strength and rich experience, provide customers with precise, reliable, and tailor-made sensor solutions, ensuring that their individualized requirements are met.

· office building ·



Advanced AI Visual Inspection



Robotic injection molding process



Automated Functional Testing Station



Management System Certification



Management System Certification



<ISO9001>



<ISO14001>



<ISO45001>



<IATF16949>

National Standard Certification Mark



EU mandatory



Companywide
Quality Control



China Compulsory
Certification



Electrical Testing
Laboratories



Registration, Evaluation,
Authorisation and Restriction
of Chemicals



US product safety
certification



New Product Safety

Xintec products have obtained multiple authoritative certifications such as CE, CQC, CCC, ETL, UL, and ROHS, and strictly comply with relevant standards .GB. From The entire process from design and research to production and manufacturing strictly controls quality, ensuring that the products meet the high standards of the industry in terms of safety performance, electromagnetic compatibility, and environmental protection. You can be assured that they are suitable for various application scenarios across multiple regions worldwide.

INTRODUCTION OF THE FACTORY

Huizhou Plant

Our factory, located in Huizhou City, Guangdong Province, China, covers approximately 55,000 square feet across five levels and employs around 150 skilled workers. The facility is fully integrated, featuring an in-house tooling workshop, injection molding department, SMT production lines, and multiple assembly lines, enabling efficient end-to-end manufacturing. We also operate a dedicated R&D center and a professional laboratory equipped with sophisticated functional testing equipment to ensure product performance and reliability. With a high level of automation and strict quality control throughout production, we deliver consistent quality, improved efficiency, and dependable on-time delivery to customers worldwide.



Guangzhou plant

Guangzhou Skynet Technology Company Limited, a subsidiary of XINTEC Electronics Group, was founded in 1999 and became part of the Group in 2022. The company operates a 15,000-square-foot facility supported by a team of 50 professionals and a dedicated R&D center specializing in advanced infrared sensing technologies. With three established production lines, Skynet manufactures photoelectric beam sensors, infrared light curtains, passive infrared detectors, magnetic contact sensors, and provides customized infrared sensing solutions. Its products are widely applied in public security systems, transportation infrastructure, industrial control systems, and IoT applications. As an ISO 9001 certified manufacturer, Guangzhou Skynet Technology is highly regarded by customers worldwide for its consistent quality standards, technical innovation, and dependable performance.



Vietnam plant

Vietnam Xintec, located in Da Nang City, Vietnam, is a key member of XINTEC Electronics Group and serves as a reliable OEM/ODM manufacturing partner in the ASEAN region. The facility covers approximately 60,000 square feet and employs around 400 workers, supported by 10 technical specialists and an experienced leadership team from Hong Kong, China, and Japan.

The plant is equipped with an in-house tooling workshop, injection molding operations, a testing laboratory, wire harness assembly lines, and 10 production lines. Our main products include precision injection plastic parts, wire harnesses, proximity sensors, level sensors, and infrared sensors. Vietnam Xintec supports both local business and global exports to the USA, Europe, Japan, and worldwide markets.





XT.Lab

The Independent Laboratory Under The Xintechnology Electronics Co.,Ltd

To ensure the highest standards of product performance and reliability, Huizhou Xintechnology Electronics Co., Ltd. established its dedicated testing laboratory in October 2025.

The laboratory supports the development and quality assurance of sensors for automotive, HVAC, home appliance applications...etc. It provides comprehensive internal testing and validation to guarantee product safety, durability, and performance under various operating conditions.

The laboratory operates in strict compliance with **CNAS-CL01:2018 (ISO/IEC 17025:2017)** standards and related regulatory requirements. CNAS accreditation is currently underway and is expected to be obtained by the end of this year.

Equipped with advanced testing instruments from leading domestic and international suppliers, and supported by a team of skilled professional engineers, the laboratory ensures accurate, reliable, and traceable test results.

Adhering to the quality policy of:

“Scientific Management • Impartial Operation • Accurate Results • Efficient Service”

We are committed to maintaining the highest level of technical excellence and providing strong quality assurance support for our sensing products.



AUTHORITATIVE RECOGNITION

National recognized

INTERNATIONALLY ALIGNED STANDARDS

Covering over 100 countries and regions.

ENHANCED TECHNICAL CAPABILITY

Established a comprehensive and systematic management system

Testing Capabilities Including but Not Limited to



Physical Property Testing

- Tensile Test
Ambient temperature & high temperature
- Bending Test
Ambient temperature & high temperature
- Impact Test
Ambient temperature & high temperature
- Hardness



Reliability Testing

- Environmental Corrosion Test
- Neutral Salt Spray Test
- Cyclic Salt Spray Test



Environmental Reliability Testing

- Temperature Testing
- Temperature & Humidity Testing
- Rapid Temperature Change Testing
- Temperature Shock Testing
- Various Life Cycle Testing



Polymer Rheological Property Testing

- Plastic Flexural Testing
- Plastic Tensile Strength Testing
- Plastic Izod Impact Strength Testing
- Melt Flow Rate (MFR) Testing

Electrical Safety Testing.....etc

Other testing.....

The example of Advanced Testing & Measurement Equipment

X-RaySolution ZM X660	Thermal shock test chamber ZH-NTS-80L	3D projector 05.06.05	Air-circulating Aging Chamber	2.5-D Projector IM-800	EDXRF Spectrometer	Constant Temperature and Humidity Chamber



Automotive-grade sensor supplier









Brake Fluid Indicator (Level Sensor)

Thermal Management Valve (Angle Sensor)

Coolant Tank Conductivity (Level Sensor)

Expansion Tank (Level Sensor)

Windshield Washer Tank (Level Sensor)

Automatic Transmission (Angle Sensor)

Coolant Tank Conductivity (Level Sensor)

APPLICATION

The company's products are mainly applied in 6 major industries: Transportation including automotive, Highways and Weighbridge, Heat, Ventilation, and Air Conditioning (HVAC), Water & Wastewater Treatment, Food & Beverage equipment, Home Appliances and Security system and IoT related products.





Flow Sensor

level Sensor

Photoelectric Sensor



Food and beverage equipment




temperature Sensor

Proximity Sensor




flow Sensor

level Sensor



HVAC



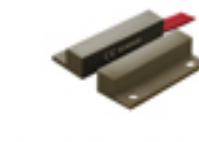




IR Sensor

Capacitive Sensor

Proximity Sensor



Flow Sensor

Proximity Sensor

Hall Sensor

Photoelectric Sensor

Home Appliances






Infrared Tower

Magnetic Sensor

Passive Infrared

Gas Detector





Roller Shutter

Photo Beam

Strip Beam



Security, IoT, IoT related and others








Inductive Sensor

Optical Sensor

level Sensor

Float Sensor

Water, waste water and water treatment





Infrared Sensor For Fog Detection

Infrared Sensor For Fog Detection

Infrared Sensor For Weighbridge System



Transportation

Product display

Xintechnology Electronics Co., Ltd



Xintec
Your Sensor & Switch Experts

Make Your Inquiry Easily

-  You can send us your hand sketches, photos, drawings, samples, or simply contact your local XT sales representative by phone.
Our sales representative will promptly follow up by email or phone to confirm and clarify your request.
-  We are committed to fast responses and highly professional customization services.
No matter what type of sensing solution you require, our experienced team will work closely with you to deliver the best possible results.
-  Once we fully understand your requirements, we will provide a prompt, no-obligation quotation.
-  We also welcome benchmark RFQs at any time and look forward to supporting your projects !

Sensing Technology–Parameter Matrix

Sensing Parameter Technology	Level	Proximity	Flow	Pressure	Weight	Temperature	Speed	Thickness	Angle	Intrusion	Fog
Reed switch	✓	✓	✓				✓	✓			
Hall	✓								✓		
Infrared	✓	✓			✓		✓			✓	✓
Ultrasonic	✓	✓									
Inductance		✓									
Capacitance	✓	✓									
Microwave		✓								✓	
NTC/PTC						✓					
Piezoresistive				✓							

Our Strength In Customization Design

Advanced Design & Customization Capabilities

Automotive-grade sensor design with strict quality control and high-performance standards. We develop customized solutions that fully comply with your specific technical and industry requirements.

Multi-Industry Application Expertise

Supporting applications across 6 major industries, our strong R&D team delivers tailored solutions with comprehensive technical support to meet diverse market demands.

Strong Technical & R&D Foundation

Expertise in multiple sensing technologies enabling flexible and innovative product development.

Comprehensive Service Support

Professional OEM/ODM services with global coverage. We provide responsive support and 24/7 online service to ensure efficient communication and project follow-up.

Experienced Global R&D Team

An international R&D team based in Hong Kong, Japan, and the United States, with over 30 years of industry experience in sensing technology and product innovation.

Integrated Production & R&D System

From concept to mass production, we offer full-cycle solutions with complete vertical integration across the industrial chain, ensuring quality, efficiency, and cost control.

Core Competence

Why choose Xintec ?

Xintechnology Electronics Co., Ltd.

CRAFT



Powered by technological innovation and refined through meticulous craftsmanship,

XINTEC stands as the trusted choice of leading brands across diverse industries

— built on five core strengths.

Business Partner

