

**Make  
Life  
Easy!**

**Autonics**

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## For a better, more convenient world

Autonics technologies can lead to innovation in the production line and advance the future by realizing imagination.

As an industrial partner, a provider of automation solutions, a creator of new industrial culture, Autonics connects the present and the future.



# Globally Trusted Provider of Industrial Automation Products

Autonics is playing an active role as a reliable automation partner in over 100 countries including local subsidiaries in 12 countries.

Our mission is to enrich the quality of human lives by delivering new values that will make the world more convenient. We offer automation solutions that can make industrial processes easy and convenient, and also provide differentiated value to customers with advanced technologies.

Autonics will continue to do our best to create the future with innovative technology, and contributes to the development of society and the world.

Company Name	Autonics Corporation
Establishment	June 25, 1977
CEO	Yong-Jin, Park
Headquarters	18, Bansong-ro 513 Beon-gil, Haeundae-gu Busan, South Korea
Revenue	164 Million USD (2022)
Employees	1,700 Employees Worldwide
Products	Sensors, Controllers, Safety, Motion Devices, Software, and more.
Subsidiaries	China, Japan, Vietnam, Indonesia, Malaysia, India, Türkiye, Russia, USA, Mexico, Brazil
Affiliates	Famecs, Autosys, Menics



# Industry



Autonics technology contributes to increase safety, convenience, productivity and efficiency from our daily life to industrial fields.

Autonics technology is trusted and adopted in various industrial applications including automotive, packaging, semiconductor industries. Our technology is also widely applied in day-to-day automation devices including elevator, subway, CCTVs and electronic office equipment. Autonics will keep contribute to the improvement of quality of life and development of mankind by expanding our solutions to diverse fields including smart city, smart farming, health care, mobility, aerospace, robotics and artificial intelligence.

## Automotive

Autonics products are widely used in various automotive manufacturing and assembly processes including casting, molding, forging, heat treatment, press, welding, and painting, offering highly reliable and efficient solutions for the industry.

## Logistics

Autonics offers a diverse range of products to help improve the speed, accuracy, safety and efficiency of logistics operations and raise productivity for various users.

## Packaging

Autonics offers various solutions for the packaging industry including vision sensors, color mark sensors, presence sensors, temperature controllers and more. These products offer ideal solutions for the packaging industry with high efficiency and precision.

## Food/Beverage

Autonics offers a diverse range of corrosion-resistant, durable products that can be applied during food and beverage manufacturing, including raw ingredient processing, cleaning and sanitization, mass production, distribution, and more.

## Semiconductor/Display

Autonics offers a diverse range of high performance, ultra-compact, high precision products that fulfill the requirements of semiconductor and display industries including sputtering, metal layering, integrated circuit packaging, cleaning, assembly, and more.

- |                          |                    |
|--------------------------|--------------------|
| • Elevator               | • Water/Wastewater |
| • Plastic/Rubber         | • Chemical         |
| • Machine Tools          | • Power/Energy     |
| • Medical/Pharmaceutical | • Battery          |
| • Oil/Gas                | • Metal            |
| • Marine                 |                    |

\* And applications in various industries



# Products

Autonics products are leading the global automation market by developing on our own technology for all three components of automation, sensors, controllers, and actuators to implement convenient production processes and increase efficiency.

## SENSORS

Sensors are the most essential and commonly used components in automation used to detect changes in the environment and transmit the information electronically.

- Proximity Sensors
- Photoelectric Sensors
- Photomicro Sensors
- Fiber Optic Sensors
- Door Sensors
- Area Sensors
- Displacement Sensors
- LiDAR
- Ultrasonic Sensors
- Rotary Encoders



## MACHINE VISION

Machine vision smart camera systems offer ideal machine vision solutions for identifying various objects during complex manufacturing processes.

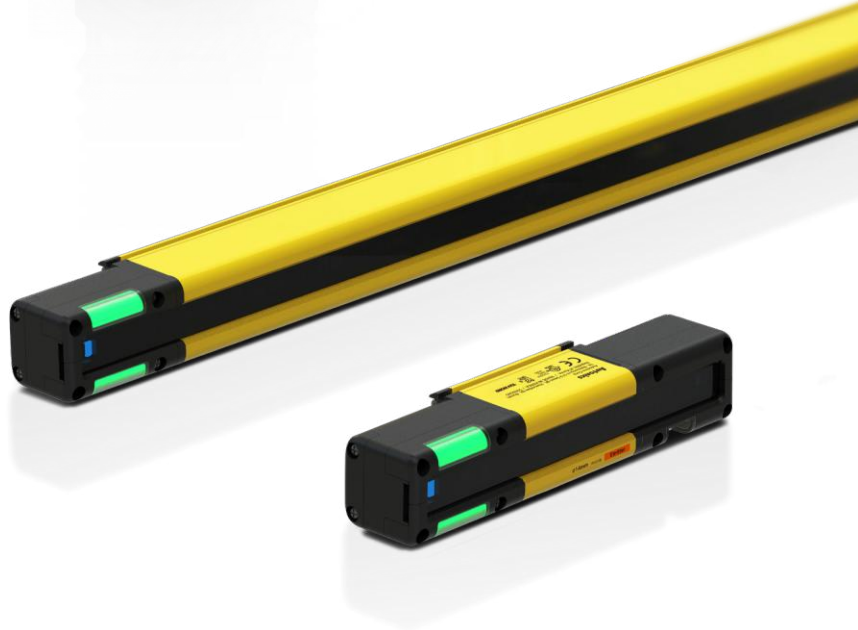
- Vision Sensors
- Smart Cameras



## SAFETY

Safety products are installed in potentially dangerous or hazardous areas to safeguard personnel from injury and protect equipment from damage.

- Safety Light Curtains
- Safety Controllers
- Safety Switches
- Safety Door Switches



## CONTROLLERS

Controllers are widely used in industrial control systems to adjust or maintain desired outputs of specific processes within a desired range.

- Temperature Controllers
- Sensor Controllers
- Counters
- Timers
- Digital Panel Meters
- Indicators
- Recorders
- Digital Display Units
- HMI
- Industrial PC



## MOTION DEVICES

Motion devices are used to convert electrical energy into mechanical energy acting as actuators in automation processes.

- Closed Loop Stepper Motor & Drivers
- 5-Phase Stepper Motor & Drivers
- 2-Phase Stepper Motor Drivers
- Motion Controllers



## POWER ELECTRONICS

Power electronics, including switching mode power supplies, solid state relays, and power controllers, help maintain stable and efficient power supply.

- Switching Mode Power Supplies
- Solid State Relays
- Power Controllers



## INDUSTRIAL NETWORKING

Industrial networking devices allow communication between devices using various protocols such as Ethernet, offering safe transmission of real-time data to control systems.

- Remote I/O System
- Network Converters
- Signal Conditioners



## FIELD INSTRUMENTS

Field instruments including pressure and temperature transmitters measure and transmit important data in industrial applications and other diverse settings.

- Temperature Sensors
- Temperature Transmitters
- Pressure Sensors
- Pressure Transmitters



## CONNECTIVITY

Connectivity devices are communication devices used to send and receive signals or data between the environment and information processing systems.

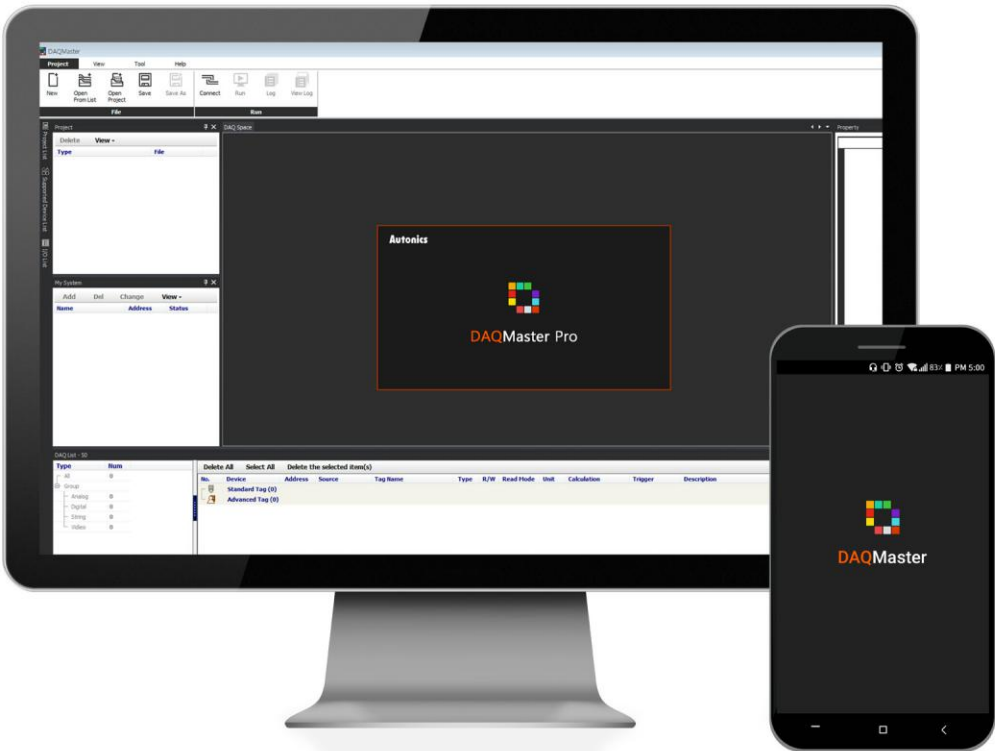
- I/O Terminal Blocks
- Distribution Boxes
- Cables
- Connectors
- Sockets



## SWITCHES/SIGNALS

Extensive range of control switches are available including push buttons, selector switches, emergency switches, pilot lights, buzzers, and more.

- Control Switches
- Non-contact Switches
- Buzzers
- Tower Lights
- Signal Lights
- Electronic Sirens



## SOFTWARE

Autonics software allows users to configure parameters, monitor status, program control processes with various Autonics devices.

- Comprehensive Device Management Software | DAQMaster
- Vision Software | Vision Master / atVision
- IO-Link Software | atIOLink
- Safety Light Curtain Software | atLightCurtain
- Laser Scanner Software | atLiDAR
- Laser Displacement Sensors Software | atDisplacement
- Motion Control Software | atMotion
- HMI Software | atLogic / atDesigner



# Global Business

Autonics global network consists of 12 international offices and 150 distributors spanning over 100 countries. With a vast sales and technical support network, Autonics is able to provide comprehensive automation solutions for our customers across the globe. Our experts around the world are working day and night to constantly deliver new and improved values, so that we can contribute to improving the quality of life and creating a more convenient world.

Autonics strives to provide the best customer experience across the globe.

- Solution Consulting
- Education/Training
- Authorized Service
- e-Edu Library

## AMERICAS

- USA** · Chicago  
· Irvine
- MEXICO** · Mexico City
- BRAZIL** · Sao Paulo

## EUROPE

- RUSSIA** · Moscow  
· St. Petersburg
- TÜRKIYE** · Istanbul  
· Bursa

## ASIA

- KOREA** · Busan  
· Seoul  
· Daegu  
· Cheonan
- INDIA** · Navi Mumbai  
· Delhi  
· Chennai  
· Pune  
· Ahmedabad  
· Bangalore
- CHINA** · Jiaxing  
· Shanghai  
· Guangzhou  
· Chengdu  
· Nanjing  
· Qingdao  
· Tianjin  
· Ningbo  
· Shenzhen
- VIETNAM** · Ho Chi Minh City  
· Ha Nam  
· Hanoi
- MALAYSIA** · Shah Alam
- INDONESIA** · Jakarta  
· Bandung  
· Semarang  
· Surabaya  
· Medan
- JAPAN** · Tokyo





# Brief History

A brief overview of our history shows the development process of our business and technology, and demonstrates our commitment to providing reliable automation solutions to customers across the globe.

## 1970 -

- 1977.06.** Establishment of Kuk-Je Electronics
- 1984.10.** Release of first digital counter in Korea
- 1988.06.** Construction and relocation of new headquarters (Busan, Korea)
- 1989.11.** Incorporation of Autonics Corporation

## 1990 -

- 1990.02.** Establishment of R&D Center for Control & Measurement with official recognition from the Korea Government
- 1996.09.** Establishment of corporation in Jakarta, Indonesia
- 1996.10.** Establishment of corporation in Tokyo, Japan
- 1998.06.** Construction and relocation to new manufacturing facility (Yangsan, Gyeongsangnam-do)

## 2000 -

- 2001.02.** Establishment of corporation in Illinois, USA
- 2001.04.** Establishment of corporation in Shanghai, China
- 2002.06.** Establishment of manufacturing facility in Jiaxing, China
- 2005.03.** Establishment of corporation in Sao Paulo, Brazil
- 2005.08.** Establishment of corporation in Ho Chi Minh City, Vietnam
- 2006.07.** Establishment of corporation in Mumbai, India

## 2010 -

- 2007.01.** Establishment of corporation in Petaling Jaya, Malaysia
- 2008.05.** Establishment of sale branch in Mexico City, Mexico
- 2008.07.** Establishment of sale branch in Moscow, Russia
- 2009.02.** Establishment of corporation in Istanbul, Turkey
- 2009.12.** Construction and relocation of R&D Center for Sensors (Songdo, Incheon)
- 2011.11.** Thirty Million Dollars Export Award (Presidential Award)
- 2013.05.** Designated as a “World Class 300” company by the Korea Government
- 2014.06.** Construction and relocation of new headquarters (Busan, Korea)
- 2015.03.** Announcement of new CEO, Yong-jin Park
- 2018.03.** Construction of Autonics Reliability Center (Product Quality Test Center)

## 2020 -

- 2020.01.** Business Transfer Agreement with ‘Konics’ for controllers
- 2020.05.** Establishment of New Autonics R&D Center in Seoul, Korea
- 2020.05.** Establishment of manufacturing factory in Ha Nam, Vietnam
- 2022.12.** Fifty Million Dollars Export Award (Presidential Award)



# Culture

Mission / Vision / Values

Our Mission

For a better, more convenient world

Our mission is to enrich the quality of human lives by delivering new values that will make the world more convenient.

Our Vision

To become the industry's leading provider of automation products by delivering key customer values through Autonics ORANGE Solutions

The primary values offered to our customers through our products and services. These values include optimized performance, high reliability, advanced technology, new products and services, globally competitive products, and maximum efficiency.

O	R	A	N	G	E
Optimized	Reliable	Advanced	New	Global	Efficient

Our Values

Be Customer-Driven Customer values is our top priority	Be Creative Always think outside the box	Be Action-Oriented Let your actions speak louder than words	Be Cooperative Be open to other's perspectives
Be Ethical Hold yourself to high ethical standards	Be Passionate Self-driven attitude about your work and life	Be Determined Never stop challenging yourself	Be Owners Maintain ownership spirit. We ARE Autonics

Autonics is striving to create greater value with a corporate mission ‘Make Life Easy’ by sharing minds and thoughts with all members. We will keep challenging ourselves to make the world more convenient by growing together with the local community with a customer-oriented mind and passion based on corporate culture that adheres to the basics and principles.

Slogan

Make Life Easy

Solutions to Simplify Industrial Processes

Automation specialist Autonics offers a wide range of products from all three core components of automation: sensors, controllers, and actuators, leading the change and development of the industry. In addition to automation products, Autonics also offers various software that help simplify automation processes and customized solution services to meet individual customer needs, offering differentiated customer value. We will continue to build on our technology and solutions to make industrial processes easier and more flexible and to make production more efficient. We promise to lead the way in today's industry and the changes moving forward.

Solutions to Make the World More Convenient

"Automation" reduces physical labor and raises process efficiency, improving human health, helping the environment, and raising the overall quality of life. Automation is no longer limited to industrial processes, and has seamlessly been integrated into all areas of life. Automation has opened doors for higher work efficiency and productivity, breakthroughs in science and medicine, and has reshaped our lifestyles and way of thinking, making the world more convenient and safer for everyone. Automation solutions from Autonics also offers values outside industrial applications. Our technology is also applied in day-to-day automation devices including elevators, screen doors, ATM machines, CCTVs, and electronic office equipment. Moving forward, we also plan to expand our automation solutions to diverse fields including smart farming, healthcare, transportation & mobility, aerospace, robotics, and artificial intelligence, to help improve the overall quality of life.



# Research & Development

Autonics is designing a better future by connecting people and technology to create a more convenient and better world. At Autonics, we believe that the principle aspect of customer satisfaction is achieved through our technological expertise and quality. Autonics has dedicated its efforts into the research and development of new technology and products to deliver globally competitive solutions for our customers around the world by developing independent technology, cooperating with global organizations and collaborating with automation startup companies.

12

Global Network  
12 International Offices



6,000

Over 6,000 Unique  
Automation Products



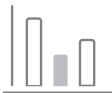
20%

Dedicates 20% of Human  
Resources to R&D



13%

Invest Over 13% of Annual  
Revenue in R&D



500

Over 500 Cutting-edge  
Quality-test Equipment



63

63 Patents Acquired



## Global Design Award

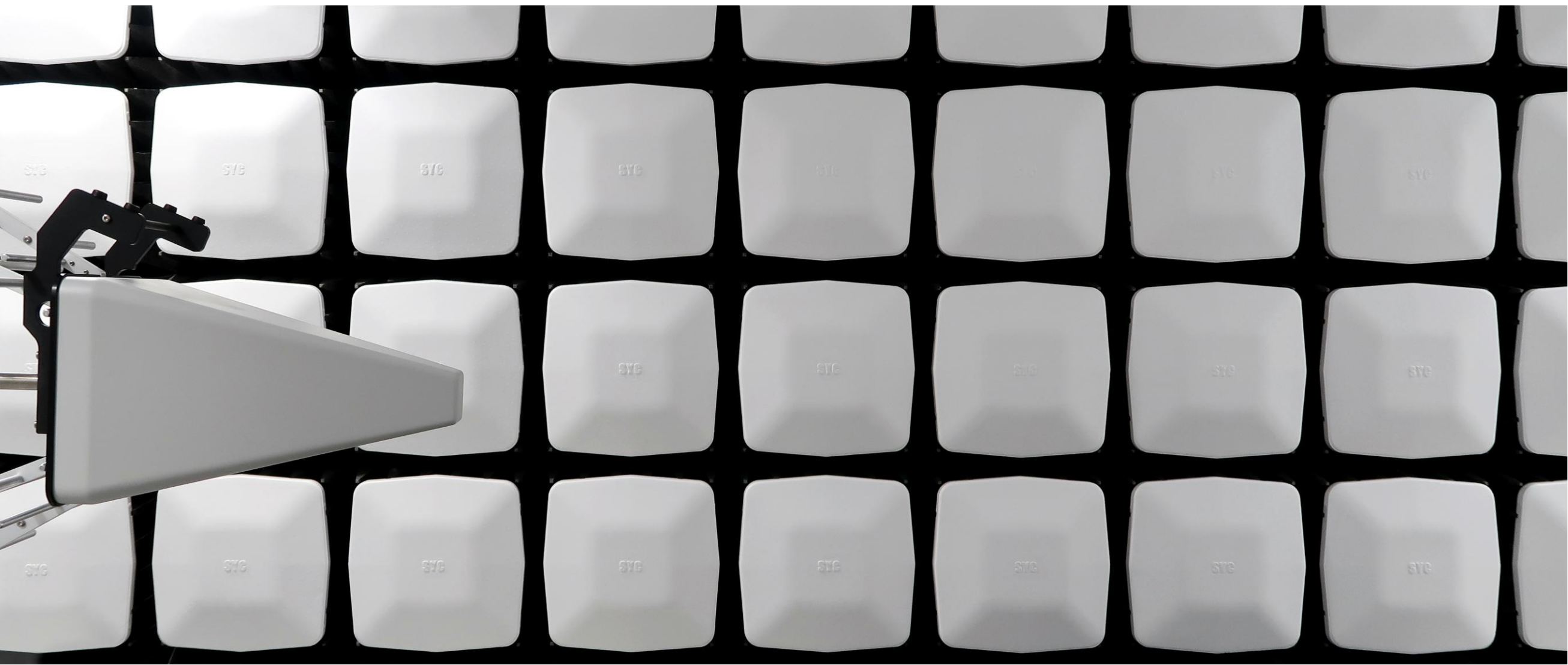
- 2022. IDEA Design Award | Finalist (SPB Series)  
Red Dot Design Award | Winner (UTR Series)
- 2021. IDEA Design Award | Finalist (SPRM Series)  
iF Design Award | Winner (LST Series)  
Red Dot Design Award | Winner (LST Series)
- 2020. Red Dot Design Award | Best of the Best (atLightCurtain)  
IDEA Design Award | Finalist (Automarker)  
IDEA Design Award | Finalist (Smart Vision Camera)  
IDEA Design Award | Finalist (Safety Light Curtain)  
iF Design Award | Winner (Automarker)
- 2019. Red Dot Design Award | Winner (Smart Vision Camera)



reddot award 2020  
best of the best



\* As of 2021



Reliability Control Center

Area	1,261 m²
Features	<ul style="list-style-type: none"><li>- Electromagnetic Compatibility Laboratory</li><li>- UL Certified Safety Laboratory</li><li>- Complex Environment Laboratory</li><li>- Performance Test Laboratory</li><li>- X-ray Analysis Laboratory</li><li>- Climatic Environment Laboratory</li></ul>
Test	<ul style="list-style-type: none"><li>- Field Environment Test</li><li>- Life-cycle Test</li><li>- Reliability Test</li><li>- Electromagnetic Compatibility Test</li><li>- Safety Test</li></ul>

Quality Control

Autonics has always strived to produce global standard products and maximize customer satisfaction through our extensive quality control and management system. Autonics enforces strict quality control on all products by utilizing over 100 cutting-edge quality-test equipment and undergoing meticulous quality inspections through our Reliability Control Center. With various international quality certifications, Autonics continues to export top global standard products to over 100 countries worldwide.

System Certification



**ISO 14001**  
Environmental Management Systems




**ISO 9001**  
Quality Management Systems




**ISO 45001**  
Occupational Health and Safety Systems


Product Certification




**UL LISTED**  
UL Listed




**UL Recognized**  
UL Recognized




**UKCA**  
UKCA




**RoHS**  
RoHS




**CE**  
CE




**EAC**  
EAC




**KC**  
KC




**PSE**  
PSE




**KCS**  
KCS



**S-Mark**  
S-Mark



**CCC**  
CCC



**Metrology Certification**  
Metrology Certification

# Manufacturing

Autonics offers advanced production system from manufacturing to delivery. Autonics is producing high-quality, high-reliability products through factories in Korea, China and Vietnam. Autonics factories feature high productivity with state-of-the-art facilities and work environment. Autonics is fulfilling its role as a leading manufacturer for global standard products.

## Korea Factory



Location	18, Bansong-ro 513Beon-gil, Haeundae-gu, Busan, Republic of Korea, 48002
Area	17,560 m²
Features	- PCB SMT/IMT Production Line - WMS Automatic Warehouse System - Certified Reliability Control Center - Learning factory - Level 4 Smart Factory (expected)

Autonics Korea factory was established in 1988 and reconstructed in 2014. The Korean factory features an automatic warehouse system and a general warehouse of about 500 m² along with expanded production lines. The factory realizes more efficient inventory management and warehousing to enhance the corporate competitiveness.

## China Factory



Location	Autonics Electronics (Jiaxing) Corporation #301 YUNHAI ROAD Jiaxing, Zhejiang, China
Area	16,650 m²
Features	- PCB SMT/IMT Production Line - Injection Production Line - Reliability Test Center

Autonics China factory, established in 2007, has advanced production equipment and environment. The factory has a high production capacity for sensors and controllers with high contribution to Chinese market. The factory has recorded 50% of sales growth every year and plays an important role as a production basement targeting the local market.

## Vietnam Factory



Location	Lot CN-03, Dong Van IV industrial park, Dai Cuong commune, Kim Bang district, Ha Nam, Viet Nam
Area	35,095 m²
Features	- PCB SMT/IMT Production Line - Injection Production Line - Optimization and Inspection System - Global Integrated Production for H.Q

Autonics Vietnam factory, established in 2019, is the second global basement of Autonics Corporation. The factory covers 13,500 square meters and customized for manufacturing operating on the same system as the Korean factory. The Vietnam factory will expand production capabilities from Korea and China, and will be a pivotal facility for increasing market shares in Asia and beyond.



# Make Life Easy

Our corporate slogan “Make Life Easy” illustrates our commitment to make life easier for our customers and to make the world more convenient. It is our promise to bring new technology and services that will offer differentiated value to our customers and the society.

We believe advanced products and innovative technologies are the answer to our ultimate goal of creating convenient world.

We promise to lead the way in today's industry and the changes moving forward.

For a better, more convenient world

## GLOBAL NETWORK

### Korea (Headquarters)

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