

WE ARE AUTONICS

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AUTOMATION FOR ALL

Our products may be small,
but can revolutionize production lines
and turn imagination into reality.

As a provider of automation solutions,
your partner for the changing industry,
and a creator of new industrial cultures
we are connecting the present to the future.

Chapter 01.

WE ARE AUTONICS

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ABOUT US

We are a globally trusted provider of comprehensive automation solutions including sensors, controllers, motions devices, safety products, and software. We are also preparing for the future with research in various fields including artificial intelligence and deep learning, to promote the growth and development of the global manufacturing industry.

1977

Establishment

13

Global Subsidiaries

1,620

Employees

65

Registered Patents

35,000+

Products (SKU)

11%

R&D Investment

152

Annual Revenue Million (USD)

21%

R&D Human Resources



HISTORY

We have been rewriting the history of industrial automation for the past half century. We will continue our effort to provide new technology and solutions that will change the future of global industrial automation.

1977 - 1999

- 1977** Establishment of Kuk-Je Electronics (Founder: Hwan-Ki Park)
- 1980** Development of Korea's first controllers for semi-automatic looms
- 1984** Release of first digital counter in Korea (K Series)
- 1988** Changed company name to Autonics
Construction and relocation of new headquarters in Busan, South Korea
- 1989** Incorporation of Autonics Co., Ltd.
- 1990** Establishment of R&D Center for Control & Measurement with official recognition from the Korean government in Busan, South Korea
- 1996** Establishment of corporation in Jakarta, Indonesia
Establishment of corporation in Tokyo, Japan
- 1998** Construction and relocation to new manufacturing facility in Yangsan, South Korea

2000 - 2009

- 2000** Establishment of R&D Center for Sensors in Bucheon, South Korea
- 2001** Establishment of corporation in Illinois, USA
- 2002** Establishment of corporation in Shanghai, China
- 2005** Establishment of corporation in Sao Paulo, Brazil
Establishment of manufacturing facility in Jiaxing, China
Establishment of corporation in Ho Chi Minh City, Vietnam
- 2006** Establishment of corporation in Mumbai, India
- 2007** Establishment of corporation in Petaling Jaya, Malaysia
- 2008** Establishment of corporation in Moscow, Russia
Establishment of corporation in Mexico City, Mexico
- 2009** Establishment of corporation in Istanbul, Turkey
Construction and relocation of R&D Center for Sensors in Incheon, South Korea

2010 - 2019

- 2014** Construction and relocation of new headquarters in Busan, South Korea
- 2015** Announcement of new CEO, Yong-jin Park
- 2018** Construction of Autonics Reliability Center in Busan, South Korea

2020 -

- 2020** Establishment of new Autonics R&D Center in Seoul, South Korea
Establishment of manufacturing factory in Ha Nam province, Vietnam
- 2024** Establishment of Frankfurt sales office in Germany

ACHIEVEMENTS

Our extensive technical experience and accumulated expertise have earned us recognition for excellence within the industry. We have also been recognized for our ethical and transparent business. With numerous awards from key institutions, we have strengthened credibility as a trusted company in the global automation industry.

1977 - 1999

1992 Designated as a "Technology Pioneer Corporation" by the Ministry of Trade, Industry, and Energy

1996 Designated as a measuring instrument promotion subject company by the small & medium business administration

1998 Designated as a venture company (Small and Medium Business Administration)

Designated as Top 50 small & medium sized business in product quality

1999 Designated as a promising small & medium sized business for exports

Designated as a small & medium sized business with outstanding technical expertise

2000 - 2009

2000 ISO 9001 Certification acquired

2002 Designated as Components & Materials Specialized Company (Ministry of Trade, Industry and Energy)

2010 - 2019

2011 Designated as a Top 10 New Industry Pioneer Company in Jiaxing, China

2012 Entry into one hundred million dollar venture company

2013 Designated as a "World Class 300" company by the Korean government

Designated as a "Specialized Global Company" by the Ministry of Trade, Industry, and Energy

2016 Acceptance to UL Witness Test Data Program

Designated as one of the leading companies in work-life balance

ISO 14001 Certification (Environmental Management System) acquired

Designated as one of top mid-sized companies for human resource development

2018 Presidential Award for Job Creation Companies (Presidential Award)

2019 Designated as a Middle Market Enterprise (Federation of Middle Market Enterprises of Korea)

2020 -

2021 Acquired Safety and health management system certification (ISO45001)

2023 Designated as a '2023 Outstanding R&D Center' (Ministry of Science and ICT)

Designated as a 'Excellent Company for Employee Invention Compensation' (Korean Intellectual Property Office)

Designated as a '2023 Best Company' (Ministry of Trade, Industry and Energy)

Designated as a '2023 Best Workplace' (Ministry of Trade, Industry and Energy)

Designated as a 2023 Time-honored Business (Ministry of SMEs and Startups)

Best Family Friendly Management' certification acquired (Ministry of Gender Equality and Family)

PHILOSOPHY

“For a better, more convenient world,” is a core value shared by all of us here at Autonics. We strive to develop better automation solutions to contribute to improving work productivity, global development, and human welfare. By fulfilling our social responsibilities, we are leading the change in creating a more convenient life for humanity through sustainable growth.

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

ORANGE SOLUTION

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

* ORANGE solutions include optimized performance, high reliability, advanced technology, new products and services, globally competitive products, and maximum efficiency.
Optimized / Reliable / Advanced / New / Global / Efficient

Our Slogan

Make Life Easy

Our slogan illustrates our commitment to make life easier for our customers and to make the world more convenient.

Our Values

**Be Customer-Driven, Be Action-Oriented, Be Ethical, Be Determined,
Be Creative, Be Cooperative, Be Passionate, Be Selfless**

The eight core values reflect the identity of Autonics.

Factory Automation

We provide various products required for factory automation in the 4th industrial revolution. We are directly developing and producing core products including sensors, controllers, machine vision, safety, and motion devices that are essential elements for implementing FA automation through proprietary technologies.

Process Automation

We provide various products required for process industry automation, including pressure, temperature, and flux measurement. We are directly developing and producing a variety of PA products required for process measurement and management, such as pressure gauges, thermometers, and temperature sensors.

Software

We support an optimal work environment by developing/providing software to set up and monitor our products. We provide dedicated configuration software for various products like safety products, machine vision, LiDAR, and also offer comprehensive management software including DAQMaster and IO-Link.

Smart Factory

We strive to establish state-of-the-art smart factories with the application of AI/Big Data and Digital Twin, enabling real-time remote control. We support methods and solutions for building top-level smart factories.

Open Innovation

We are leading technological changes in the automation industry through collaboration with various technology companies and open innovation to quickly respond to continuous technological development and changing industrial trends.

BUSINESS AREA

We are everywhere where automation is needed. Our business areas include factory automation, process automation, software, and smart factory solutions. We are also leading changes in the automation industry through open innovation by investing in new technology and solutions.

INDUSTRIES

Our products and technology offer optimal solutions for various industries including automotive assembly, semiconductor manufacturing, machine tools, logistics, food & beverage, battery, marine, and everyday lives. Our solutions are trusted by engineers around the world in additional fields such as medical/pharmaceutical, packaging, water/wastewater, oil/gas, chemical, plastic/rubber, power/energy, metal, chemical processing and more.

Automotive



Our products are widely used in various automotive manufacturing and assembly processes. Car production includes manufacturing and assembly of about 20,000 individual parts and requires extreme precision and advanced technology. Our products are used in various processes including casting, molding, forging, heat treatment, press, welding, and painting.

Semiconductor/Display



We offer a diverse range of high performance, ultra-compact, high precision products that fulfill the requirements of these industries. Our products can be applied in various processes including sputtering, metal layering, integrated circuit packaging, cleaning, assembly, and more.

Machine Tools



We offer various products for the machine tools industry, from oil-resistant, spatter-resistant sensors to multi-axis, multi-function motion control. With high durability and precision, our products offer highly efficient applications in the machine tools industry requiring high precision and efficiency during manufacturing.

Food/Beverage



We offer 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.

Logistics



We offer a diverse range of products to help improve the speed, accuracy, safety and efficiency of logistics operations and raise productivity for various users. It integrates functions of material handling, production, packaging, inventory, transportation, and warehousing.

Battery



We offer various products and solutions accurate control technology to uniformize battery performance and quality in electrode processes, assembly processes, assembly processes.

Marine



We offer optimized solutions for the industry with various products that can withstand high temperatures, shocks, vibrations and corrosion. We offer durable and reliable products and solutions with our factory and process automation expertise, including marine/metal industry.

Life



We make the world more convenient. Our products can be found everywhere in our lives, including elevators, escalators, automatic doors, smart traffic lights, roasters, and smart farms.

PRODUCTS

We offer products in all three core elements of automation including sensors, controllers and actuators which allow for comprehensive automation solutions. All of our products are built with technology developed in-house and manufactured with strict standards. We also offer software solutions to control and monitor various automation processes.



Sensors



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

Field Instruments



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

Machine Vision



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

Safety



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

Controllers



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

Power Electronics



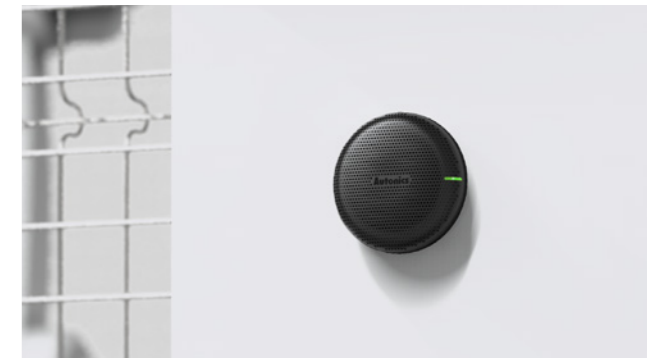
Power electronics, including switching mode power supplies, solid state relays, and power controllers, help maintain stable and efficient power supply.

Connectivity



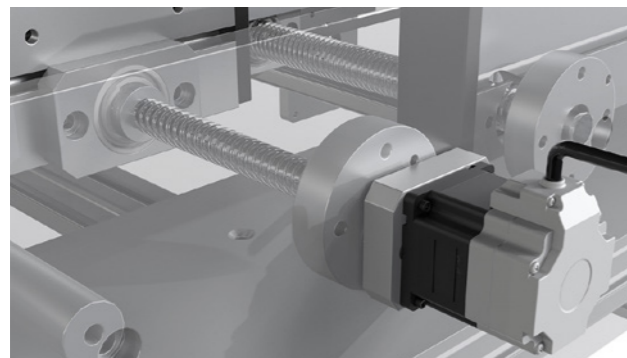
Connectivity devices are communication devices used to send and receive signals or data between the environment and information processing systems.

Switches/Signals



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

Motion Devices



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

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.

Software



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

GLOBAL NETWORK

Our global network consists of 12 international offices and 150 distributors spanning over 100 countries. With a vast sales and technical support network, we 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.

History of Overseas Expansion

- 2024 Establishment of Germany sales office
- 2020 Establishment of Vietnam manufacturing factory (Ha Nam province)
- 2009 Establishment of Turkiye corporation
- 2008 Establishment of Russia corporation
Establishment of Mexico corporation
- 2007 Establishment of Malaysia corporation
- 2006 Establishment of India corporation
- 2005 Establishment of Vietnam corporation
Establishment of Brazil corporation
Establishment of China manufacturing factory (Jiaxing)
- 2002 Establishment of China corporation
- 2001 Establishment of USA corporation
- 1996 Establishment of Japan corporation
Establishment of Indonesia corporation

Korea

- Busan Headquarters/Factory
- Seoul R&D Center · Cheonan, Daegu Office



China

- Shanghai Office · Jiaxing Factory
- Guangzhou, Chengdu, Nanjing, Qingdao, Tianjin, Ningbo, Shenzhen Office



India

- Mumbai (Corporate Office)
- Delhi, Chennai, Pune, Gujarat, Bangalore, Punjab Office



USA

- Illinois (Corporate Office)
- California Office



Japan

- Tokyo (Corporate Office)
- Osaka Office



Indonesia

- Jakarta (Corporate Office)
- Bandung, Semarang, Surabaya Office



Brazil

- Sao Paulo (Corporate Office)
- Porto Alegre Office



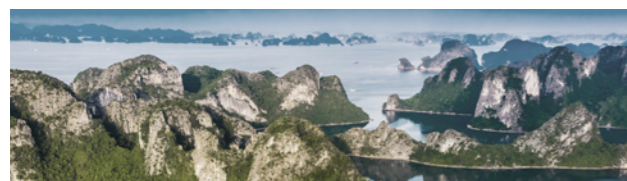
Mexico

- Naucalpan (Corporate Office)
- Queretaro, Monterrey Office



Vietnam

- Ho Chi Minh City (Corporate Office) · Ha Nam Province Factory
- Hanoi Office



Malaysia

- Selangor (Corporate Office)
- Penang, Johor Bahru Office



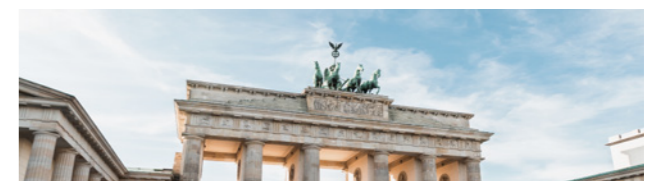
Türkiye

- Istanbul (Corporate Office)



Germany

- Frankfurt Office



Chapter 02.

WE MAKE LIFE EASY

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RESEARCH & DEVELOPMENT

We are designing a better future by connecting people and technology to create a more convenient and better world. We believe that customer satisfaction is achieved through our technological expertise and quality and thus we invest approximately 11% of annual revenue to R&D. We continue to dedicate our effort into research and development of new technology and products to deliver globally competitive solutions for our customers around the world.

Core Technology

We possess core technology in hardware, software, circuit design, optical technology, control device algorithm and platform technology.

High-End Products

We are able to develop high-end products using 100% in-house technology throughout the entire development process, from research to design, product verification, certification, and mass production.

R&D Investment

We invest approximately 11% of annual revenue to R&D with over 21% of total employees dedicated to R&D.

Intellectual Property

We have a stable infrastructure to create original technology and protect our intellectual property rights.

R&D Recognition

We have been selected as an excellent Corporate Research Center in 2019 and 2023 (by the Ministry of Science and ICT).

Excellent Research Environment

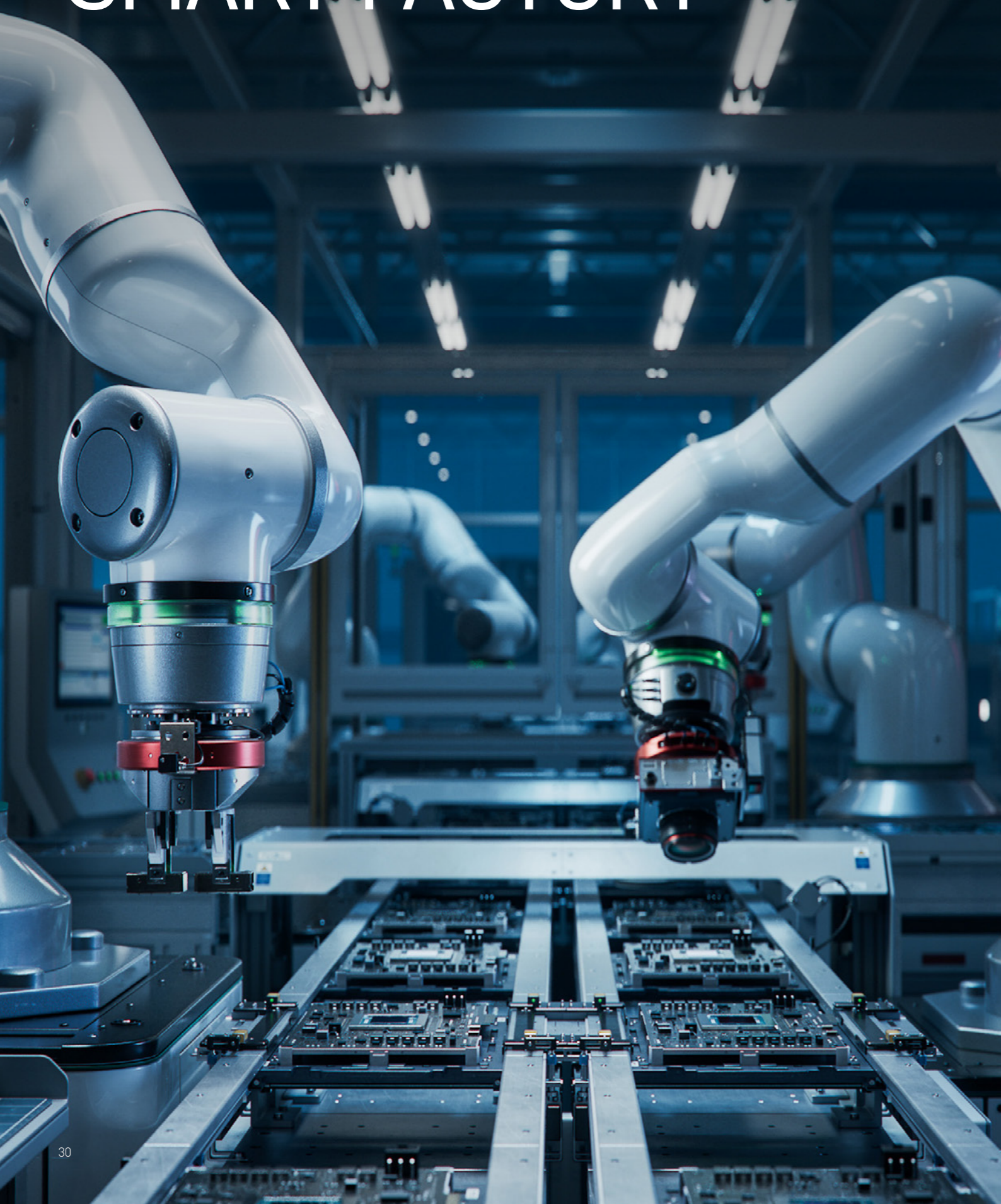
We have about 500 units of production, research and development equipment.

Technology Partnerships

We have strategic partnerships with various companies and institutions to secure technological capabilities for future new technologies.

- MOU Agreements
- Korea-Germany Technology Cooperation Center (KGTCC)
- Korea Photonics Technology Institute (KOPTI)
- Fraunhofer Institute

SMART FACTORY



With our products and data collection solution system technology, we have been selected as a 'K-Smart Lighthouse Factory' and serve as a smart factory benchmarking model in Korea. We are giving the direction of constructing smart factory through high level of smart factory capable of managing process data.

K-Smart Lighthouse Factory, Autonics 'LEARNING FACTORY'

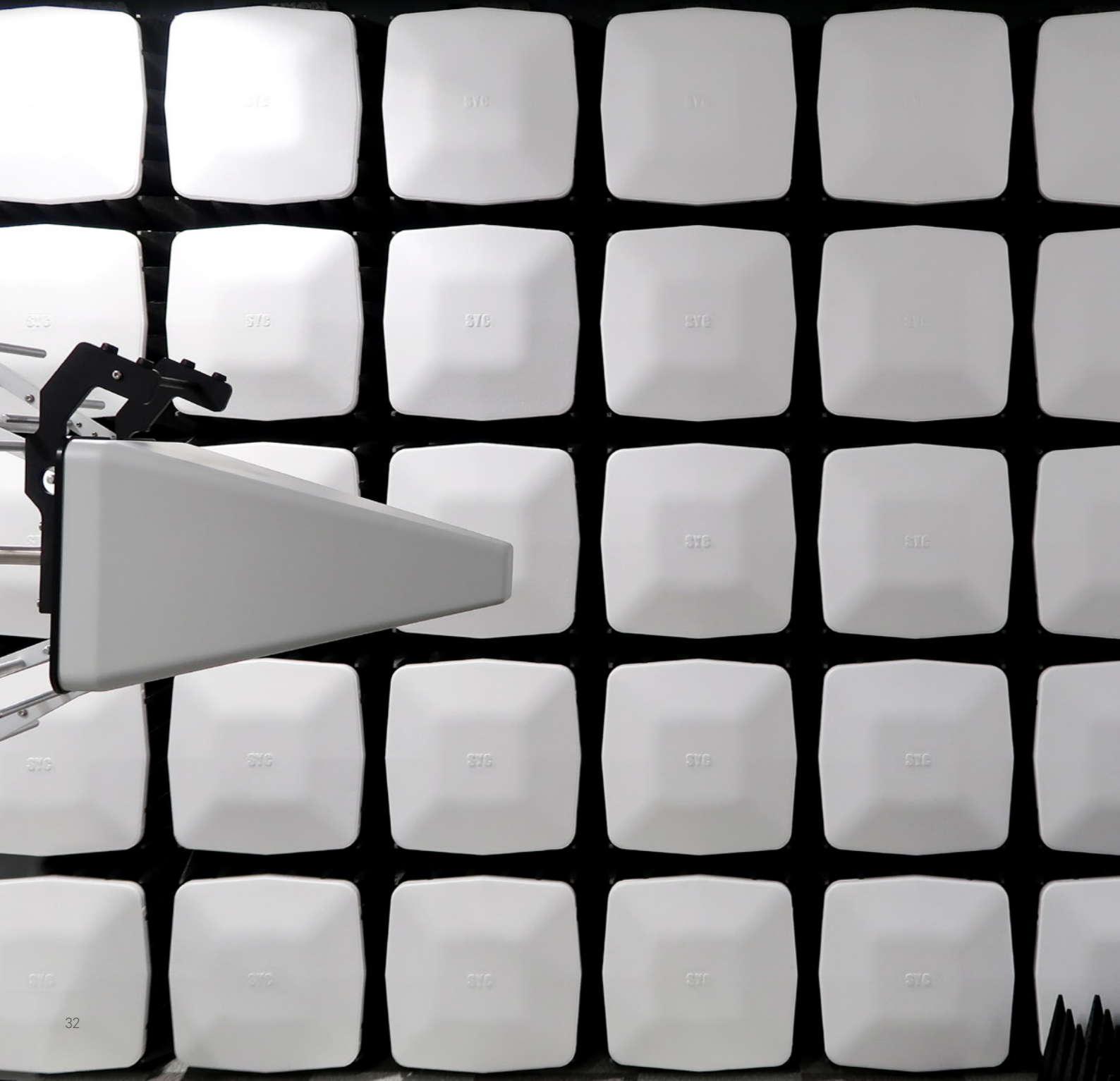
Level 1 2018	Level 2 2019	Level 3 2020	Level 4 2023
<ul style="list-style-type: none"> · Characteristics Identification/Inspection 	<ul style="list-style-type: none"> · Characteristics Measurement/Verification 	<ul style="list-style-type: none"> · Characteristics Analysis/Control 	<ul style="list-style-type: none"> · Characteristics Optimization/Integration
<ul style="list-style-type: none"> · Level Performance information management 	<ul style="list-style-type: none"> · Level Real-time monitoring of production information 	<ul style="list-style-type: none"> · Level Real-time, data-based analysis and control 	<ul style="list-style-type: none"> · Level Simulation-based preemptive response
<ul style="list-style-type: none"> · Range Inspection 	<ul style="list-style-type: none"> · Range Supply - Assembly - Inspection 	<ul style="list-style-type: none"> · Range Router - Assembly - Soldering - Inspection - Discharge 	<ul style="list-style-type: none"> · Range Supply - Router - Assembly - Soldering - Inspection - Ship

Smart Factory Performance History

2023	LEARNING FACTORY LEVEL 4	2020	LEARNING FACTORY LEVEL 3
2021	Designated as a company for 'K-Smart Lighthouse Factory' development project (Ministry of SMEs and Startups)	2019	LEARNING FACTORY LEVEL 2
		2018	LEARNING FACTORY LEVEL 1

QUALITY CONTROL

We know that customer satisfaction starts with high product quality. Through our extensive quality control at our Reliability Control Center and our strict quality management system, we ensure that our products maintain the highest level of global standard quality when delivered to our customers.



Quality Management System

We strive to deliver perfect quality that exceeds customer expectations. By efficiently establishing a quality management system and implementing QMS, we enhance quality and safety across all manufacturing processes including zero defect leakage, high-quality achievement, uniform quality assurance, and zero process defects. We are also strengthening collaboration on quality management by sharing continuous improvement efforts and expertise with employees and partners.

- Minimizing quality risks through proactive preventive activities
- Enhancing quality management efficiency through data analysis and continuous process improvement activities
- Establishing and maintaining an internal environment for sharing clear quality objectives
- Striving to deliver quality that is customer-centric and exceeds expectations

Quality Management Certification

- ISO 9001 Quality Management System

Product Certification



Environmental/ Occupational Health and Safety Management System

We have obtained and maintained ISO 14001 certification for its Environmental Management System (EMS). By identifying environmental impact factors throughout all business activities and improving environmental performance, our EMS complies with the requirements of the International Organization for Standardization (ISO). Additionally, through ISO 45001 certification for the Occupational Health and Safety Management System, we have implemented a system to enhance safety and health performance by establishing, executing, checking, correcting, and reviewing safety and health policies. We continuously identify and improve risk factors within our facilities to ensure the ongoing enhancement of our health and safety framework for the well-being of all employees.

Quality Management Certification

- ISO 14001 Environmental Management System
- ISO 45001 Occupational Health and Safety Management System

Reliability Control Center

Area

1,261 m²

Features

Electromagnetic Compatibility Laboratory / UL Certified Safety Laboratory / Complex Environment Laboratory / Performance Test Laboratory / X-ray Analysis Laboratory / Climatic Environment Laboratories

Test

Field Environment Test - Life-cycle Test / Reliability Test / Electromagnetic Compatibility Test / Safety Test

Chapter 03.

WE CREATE NEW VALUES

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DESIGN INNOVATION

Since 2019, we have been recognized on the global stage for our design capabilities by winning awards at major international competitions with our differentiated design competitiveness. This is a pioneering case that redefines the importance of design within the automation industry. In particular, we focus on providing intuitive and convenient experiences for our customers through consistent, high-quality design that deeply understands and reflects user needs. We will continue to enhance customer experiences with design innovations.

Design Award

- | | |
|---|--|
| <p>2024 IDEA Design Award Finalist (SPRS Series)</p> <p>2022 IDEA Design Award Finalist (SPB Series)
Red Dot Design Award Winner (SCADAMaster)
Red Dot Design Award Winner (UTR Series)</p> <p>2021 IDEA Design Award Finalist (SPRM Series)
iF Design Award Winner (LST Series)
Red Dot Design Award Winner (LST Series)</p> | <p>2020 Red Dot Design Award Best of the Best (atLightCurtain)
IDEA Design Award Finalist (Automarker)
IDEA Design Award Finalist (Smart Camera)
IDEA Design Award Finalist (Safety Light Curtain)
iF Design Award Winner (Automarker)</p> <p>2019 Red Dot Design Award Winner (Smart Vision Camera)</p> |
|---|--|

SUSTAINABILITY

We are making various efforts to enrich human life through sustainable management. Beyond developing good technology and products, we dream of a happy life for the environment, society, and all members. We are moving toward a better world for the environment we pass on to future generations, a happy society, a fair and transparent company.

Environment

For Our Environment

We are implementing various policies to contribute to protecting the global environment by establishing an eco-friendly management system. We strive to minimize any environmental pollution generated during production.

- Acquired environmental management system certification (ISO14001)
- Establishment of an eco-friendly quality management system
- Employee participation in eco-friendly activities
- Reduction in resource usage
- Reduction of process waste
- Partner quality control
- Introduction of renewable energy
- Water recycling
- Energy saving
- RoHS

Social

For Our Society

We pursue a happy life for all members of society. In addition to ensuring a safe workplace, through social contribution, we pursue the interests of society as a whole.

- Safety and health management system certification (ISO45001)
- Operating a safe and healthy
- Systematic safety and health management
- Employee participation safety and health program
- Open innovation
- Technical training
- Smart factory implementation
- Support SCM solutions
- Joint development of production technology and technical guidance
- Job creation
- Improvement of employment environment

Governance

For Ethical Business

We practice ethical business management and pursue anti-corruption and integrity management. We strive to spread an ethical culture.

- Ethical Business Management
- Establishing an ethical culture
- Operating a grievance reporting channel
- Operating Internal accounting management system

CONTACT INFORMATION

Korea

Autonics Corporation

Tel +82-2-2048-1577

Fax +82-2-2048-1995

E-mail sales@autonics.com

China

Autonics Electronic (Jiaxing) Corporation

Tel +86-573-8216-1900

Fax +86-573-8216-1917

E-mail china@autonics.net

India

Autonics Automation India Private Limited

Tel +91-22-2768-2570

E-mail india@autonics.net.in

USA

Autonics USA, Inc.

Tel +1-847-680-8160

Fax +1-847-680-8155

E-mail sales@autonicsusa.net

Japan

Autonics Japan Tokyo Office

Tel +81-3-6435-8380

Fax +81-3-6435-8381

E-mail ja@autonics.com

Indonesia

PT. Autonics Indonesia

Tel +62-21-8088-8814/5

E-mail indonesia@autonics.co.id

Brazil

Autonics do Brasil Comercial Importadora e Exportadora LTDA

Tel +55-11-2307-8480 / 3195-4610

Fax +55-11-2309-7784

E-mail comercial@autonics.com.br

Mexico

Autonics Mexico S.A. de C.V

Tel +52-800-523-2131

E-mail ventas05@autonics.com

Vietnam

Autonics Vina Co.,Ltd

Tel +84-28-3771-2662

Fax +84-28-3771-2663

E-mail vietnam@autonics.com

Malaysia

Mal-Autonics Sensor Sdn. Bhd.

Tel +60-3-7805-7190

Fax +60-3-7805-7193

E-mail malaysia@autonics.com

Türkiye

Autonics Otomasyon Ticaret Ltd. Sti.

Tel +90-216-365-9117/3/4

Fax +90-216-365-9112

E-mail turkiye@autonics.com

Germany

Autonics Germany Office

Tel +49-6196-2048640

E-mail germany@autonics.com

