

Invest KOREA Market Place

Invest KOREA Market place (IKMP) is an online business matching platform available on Invest KOREA's website with information on approximately 300 Korean companies seeking to partner with foreign investors. This month, we introduce some outstanding companies in Korea's machinery industry.

COMPANY A



*4-axis Food Robot
(Autowok Gen 2.0 is applied to both
OLHSO restaurants and Cook-en-Route)*



*Food Robot System
(Manufacture and operation of PoC trucks
the implement Cook-en-Route)*

Investment Requirement		Company Profile	
Amount	USD 25 million	Patents and Certificates	Patent registrations and applications for lid openers, automatic cooking utensils, cooking equipment, cooking food delivery devices and methods, and franchise food truck integrated management system and methods
Investment Structure	Equity Investment	Financial Performance	(Sales in 2022) USD 0.12 million

Investment Highlights

• The U.S. food delivery market with a high potential for growth

As of 2022, the size of the US food delivery market is estimated to be USD 63 billion (about KRW 80 trillion), which is twice as large as Korea's food delivery market at KRW 40 trillion. However, considering the total GDP difference of about 14 times, the market is at an early stage. Since the US restaurant market has developed in the form of in-dining, take-out, and drive-thru rather than delivery due to geographical/cultural characteristics, the market penetration rate of delivery services on the entire restaurant market is less than 30%, which is due to the time it takes to complete cooking after ordering and long delivery time after cooking.

• The development of food robot and unmanned cooking system completed

Interest in Korean food is increasing in the US, with the keyword 'Korean Food' overtaking 'Japanese Food' in 2023 for the first time in history based on Google Trends in the US. By improving the problem that it takes about 70-90 minutes from the order and about 40-60 minutes on average after the cooking is completed, the company intends to preempt the US food delivery market with high growth potential by completing cooking within 10-12 minutes per order and ultimately matching the times when the food is finished and the time when the delivery arrives through the optimal movement line setting through the AI algorithm.

COMPANY B



*The company's main products and
solutions using edge computing*

Investment Requirement		Company Profile	
Amount	USD 4 million	Patents and Certificates	Patent registrations and applications for an image recognition device of an autonomous vehicle that can adjust the recognition range according to the driving speed, an image branching device for real-time verification of the camera mounted on the autonomous vehicle, and a real-time verification method of autonomous vehicle camera
Investment Structure	Equity Investment, Joint Venture, M&A	Financial Performance	(Sales in 2022) USD 1.25 million

Investment Highlights

• Sensors and edge computing for autonomous driving mobility

Autonomous driving technology is a key future technology not only for automobiles but also for the entire mobility industry, and related technology development and investment are actively in progress. The core of autonomous driving technology is excellent sensor and real-time data integration processing technology that accurately identifies and immediately reflects the ever-changing road conditions. In particular, as an average of more than 10TB of data is generated per day for one autonomous vehicle, more specialized data processing technology is required for the commercialization of safe autonomous driving. Therefore, the importance of edge computing, which acquires data from the edge where the data is generated and stably conducts distributed processing of a large amount of data, has also changed.

• Comprehensive autonomous driving development solutions from the cognitive stage to the controller

As it is a high-tech field that requires a high level of expertise, it is essential to establish R&D partnerships with partners with advanced technology and know-how in "sensor-image signal processor-electronic control device" in order for existing car manufacturers and parts companies to develop autonomous driving mobility. The company is a provider of a wide range of total solutions related to autonomous driving data, from AI thermal camera solutions for commercialization, data acquisition and processing devices for development, to data playback devices for verification.

For more information please e-mail ikmp@kotra.or.kr, or visit the Invest KOREA Market Place page on www.investkorea.org.