

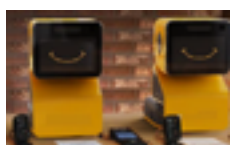
Invest KOREA Market Place

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, Invest Korea introduces some outstanding companies in Korea's robotics industry.

COMPANY A



Customer recognition/analysis systems



Payment robot with facial recognition

Investment Requirement		Company Profile	
Amount	USD 1 million	Patents and Certificates	Registration of 6 patents locally and abroad
Investment Structure	All available	Financial Performance	(Sales in 2019) USD 0.04 million

Investment Highlights

- **Artificial intelligence (AI)-based services:** The company's platform offers an AI-based face-object-emotion recognition software. As a commercially viable kiosk equipped with artificial and emotional intelligence, it can support smart customer services, such as product/service recommendations tailored to customer tastes, upselling, and membership management, through the AI recommendation algorithm of the facial recognition-based contactless payment system.
- **AI robots market:** The development of big data processing and advanced mechanical technologies has led to the explosive demand for AI robots in different fields, such as military, defense, personal support and care, inventory management, and responses to emergencies like fires and disasters. According to Markets and Markets, the global AI robots market is projected to reach USD 12.36 billion by 2023 from USD 3.49 billion, with a compound annual growth rate (CAGR) of 28.78% during the forecast period.

COMPANY B



Kidney stone removal robot



*Flexible surgical robot (for endoscopic cancer surgery)
A prototype is currently under development*

Investment Requirement		Company Profile	
Amount	USD 10 million	Patents and Certificates	Registered for 52 domestic and foreign patents
Investment Structure	Financial investment (minority), joint venture	Financial Performance	(Sales in 2019) USD 1.01 million

Investment Highlights

- **Flexible surgical robot:** The flexible surgical robot is inserted into the human body through natural openings (mouth, anus, urethra, navel, etc.) to treat tumors and stones, using the least invasive method possible. As the robot can perform various surgery and medical procedures without incising the skin, patients can recover from such procedures quickly and be treated more safely than existing treatments as no scars are left.
- **Surgical robot market:** As the benefits of surgical robots—such as rapid surgery time, fast recovery, and lower risk of infection—become more apparent due to the development of robotic technology, the global demand for surgical robots is also rapidly increasing. The size of the global surgical robot market is expected to grow from USD 4.2 billion in 2016 to USD 13 billion in 2022 at an average annual growth rate of 20.7%.

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