

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, KOTRA Express introduces some outstanding companies in Korea's drone industry.

COMPANY
A



HMI system

Investment Requirement		Company Profile	
Amount	USD 6 million	Patents and Certificates	Registration of 18 patents for a steering equipped with a display unit, and a touch-type automatic transmission shifting system
Investment Structure	Minority, JV, M&A	Financial Performance	(Sales) USD 1.73 million (in 2017)

Investment Highlights

To secure technologies and commercialization, global car makers and IT leaders, such as GM, Toyota Motor Corporation, Hyundai Motor Company, and Google, have been devoted to R&D projects to develop cars in cooperation with multiple companies. The scale of the global self-driving car market is expected to reach USD 1 trillion 120.4 billion in 2053 from USD 6.4 billion in 2020 through an average annual growth rate of 41%. The scale of the self-driving system market is projected to reach USD 1 trillion 15.2 billion in 2035 from USD 7.8 billion in 2015 through an average annual growth rate of 28.4%.

COMPANY
B



Smart vision with robot arm

Investment Requirement		Company Profile	
Amount	USD 2-3 million	Patents and Certificates	Registration of five patents for an unmanned aerial vehicle with automatic tracking, apparatus, a method of position revision for hovering
Investment Structure	Minority, JV	Financial Performance	(Sales) USD 0.28 million (in 2017)

Investment Highlights

This is a module system directly connected to a robot arm, with the features of convenience, extend ability, and economic feasibility compared with existing machine vision systems. The installation, directly in robot arms and not in fixed cameras, enhances the degree of freedom of its utilization. In addition, it does not require the composition of large systems as it can be better applied to diverse processes economically. The use of open platform-based deep learning technology allows the recognition rate to be optimized through a constant learning process.

COMPANY
C



Battery pack for golf carts

Investment Requirement		Company Profile	
Amount	USD 5 million	Patents and Certificates	Ongoing registration of six patents for a remote battery management system, server, and method thereof
Investment Structure	Minority	Financial Performance	(Sales) USD 4.18 million (in 2018)

Investment Highlights

The company supplies battery packs for micro mobility, which is rapidly growing because of the expanding electric vehicle (EV) market. It has supplied Battery Management System (BMS) to SK Telecom's base stations through quality evaluation for more than two years. Moreover, the company is the only BMS supplier for a 5G base station, showing comparative advantages in terms of technology and durability. In particular, based on accumulated expertise in performance and durability in the golf cart market and the automated guided vehicle market, it takes the lead in small-sized battery packs, taking up 50% of Korea Post's cargo and 60% of the market share in the small-sized EV battery sector in Korea. It is planning to launch packs for large EVs such as trucks, buses, and trains to dominate the market in advance through technical cooperation with Seoul Metro and Korea Railroad Research Institute.