

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 smart logistics industry.

COMPANY A



LEGO type shuttle



Mini loader

Investment Requirement		Company Profile	
Amount	USD 2.5 million	Patents and Certificates	9 patents and 7 software and designs
Investment Structure	FI (Minority)	Financial Performance	(Sales in 2019) USD 0.63 million

Investment Highlights

- **Logistics automation system:** The logistics storage/picking automation system is a key factor that can determine the competitiveness of a logistics company in the rapidly growing commerce market. Developed by this company for the first time in Korea, this system can increase a company's productivity in storing and selecting (sorting) a multi-variety of small/light products, and provides a logistics automation system optimized for the smart factory. The system is technically equal or superior to world-class competitors' systems.
- **E-Commerce market:** The size of the non-face-to-face e-commerce market is growing explosively all over the world due to the constraints on physical contact caused by COVID-19. It is expected that the overseas e-commerce market will grow at an annual average rate of 20.9%, rising from USD 1.3 trillion in 2014 to USD 4.9 trillion in 2021.

COMPANY B

©Barcode/OCR reading + RFID recognition by analyzing displayed images with AI



© Analyzes the 3D shape of displayed products through 2D lidar scanning and calculates the loading rate/product quantity.

Investment Requirement		Company Profile	
Amount	USD 3 million	Patents and Certificates	12 patents, designs, and trademarks at home and abroad
Investment Structure	Equity investment, Joint Venture	Financial Performance	(Sales in 2020) USD 0.32 million

Investment Highlights

- **Inventory management automation system:** The company has developed the world's first all-in-one patented inventory management system operated by a rail and wire mechanism. Its functions include periodic inventory scan (including the inventory shortage rate, inventory quantity, barcode label recognition), search for incorrectly displayed inventory, 3D inventory search, and remote actual inventory check. The system sequentially scans a displayed inventory and is automatically docked and charged. The system re-charges within just 30 minutes and can run for more than 5 hours when fully charged. The system tracks its movement trajectory, creates movement coordinates, maps and saves inventory data, and tracks the location of individual inventory almost in real time.
- **Inventory management market:** Global annual losses caused by inappropriate inventory management amount to KRW 120 trillion in the warehouse management sector and KRW 1,000 trillion in the retail industry. Cargo and parcel delivery traffic has increased rapidly due to the rapid growth of e-commerce all around the world resulting from the development of the Internet and the COVID-19 pandemic.

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