

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 automobile industry.

COMPANY A



Smart dashboard



Non-camera method and 3D reproduction prevent blind spots and identify all incidents



Driving safety score

Investment Requirement		Company Profile	
Amount	USD 1 million	Patents and Certificates	1 registered patent, method & system for analyzing operation records and operation record device
Investment Structure	Equity Investment	Financial Performance	(Sales in 2021) USD 0.04 million
Investment Highlights <ul style="list-style-type: none"> • Two-wheeled vehicles' fatal accident rate in delivery service market: Safety concerns are mounting due to the increase in delivery persons and PM drivers such as motorcycles and bicycles following the surge in the non-face-to-face delivery service market. About KRW 150 billion worth in related markets is expected to be created annually with 500,000 overseas delivery persons in North America and 800,000 in Europe, and about KRW 50 billion in market growth annually in Korea with 450,000 delivery persons. • Management of mobility safety and collection of operational safety data through AI: By simply attaching a small and low-power IoT device to mobility, it accurately identifies the operation status from large construction equipment to small kickboards, regardless of the size and type of mobility. It monitors illegal, reckless driving, and accident-prone situations unable to be identified by GPS in real time. It promotes safety and responds quickly in the case of a crisis through big data from driving and responses collected in real time. 			

COMPANY B



Sensing and classification of surrounding objects based on lidar analysis



Sensing lanes, objects, and traffic lights based on deep learning



Utilization of the pointer cloud cluster, vector map

Investment Requirement		Company Profile	
Amount	Over USD 20 million	Patents and Certificates	7 registered patents, applied for registration of 27 patents, registered 12 trademarks at home and abroad, including autonomous driving full stack software, applied for registration of 4 patents in foreign countries
Investment Structure	Equity investment	Financial Performance	(Sales in 2020) USD 1.09 million
Investment Highlights <ul style="list-style-type: none"> • Autonomous Driving: The company specializes in autonomous driving. It has developed an autonomous driving vehicle platform, VLP-16 SDK, unmanned vehicle performance test kit, and autonomous driving sensing system technology. It has secured system stability by developing its own embedded board for vehicles to execute autonomous driving software. It possesses the technical know-how required to promptly handle cases for the determination control stack based on rules, by filtering the information critical to perception only from among various data in a large amount entered into the cognitive stack. The company started its own PVB platform project to prepare for the design and mass production of localized unmanned mobility equipped with its autonomous driving software. • Autonomous vehicle market: The global market is expected to grow explosively at an annual average growth rate of 41%, rising from USD 7.1 billion in 2020 to USD 154.9 billion in 2025, USD 656.5 billion in 2030, and USD 1 trillion 120.4 billion in 2035. The value of the autonomous driving-related sensor market alone is expected to reach USD 25.8 billion by 2022, while that of the autonomous driving software market is expected to exceed USD 18 billion in 2020 and USD 52 billion in 2025. 			

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