HoloMatic

Basic Information

- Services: autonomous driving solutions
- Established time: 2017 June
- Existing scale: 170 people
- Financing stage: A+ (closed)
- Office Location: Beijing, Shanghai, Suzhou, Wuhan

Company Profile

Founded in June 2017, HoloMatic is a startup company dedicated to providing autonomous driving solutions based on cutting-edge artificial intelligence and automotive industry technologies.

HoloMatic is one of the few companies with a full-stack solution of autonomous driving technologies including wire control, multi-sensor fusion and core algorithm designs. Meanwhile, the company provides solutions targeting at series production, as an effort to accelerate the mass application of autonomous driving technologies.

Product Name

- HoloPilot (HWP)
- HoloParking (HPP & AVP)

Product Introduction - 1

- HoloPilot

HoloPilot, HoloMatic’s solution of highway autonomous driving, with 130km/h maximum speed supported, is capable of functions including vehicle following and lane keeping, traffic jam pilot, active lane change and overtaking, on/off-ramp and highway-to-highway interchange, which integrates key technologies such as multi-sensor fusion and high-precision localization.
Product Introduction - 2

- HoloParking

HoloParking HPP (Home Zone Parking Pilot) is designed to realize autonomous parking of repetitive route, solely depending on single-vehicle intelligence. HPP is especially suitable for fixed parking spaces in the residential and office areas, creating a more convenient and fast parking experience.

HoloParking AVP (Automated Valet Parking), HoloMatic’s L4 solution of valet parking, enables vehicles to find the free space in the parking lot and park automatically. It forms a unique "three in one" structure by integrating the vehicle, parking lot infrastructure and HD maps, to make the whole process of driverless parking safe and reliable. It is the first smart parking solution for autonomous driving capable of operating around the clock and under all weather conditions, from vehicle drop-off to pick-up.

Primary User

- OEMs, tier 1 suppliers

Business Requirements

- Market expanding
- VC/PE matching

Website

- [www.holomatic.cn](http://www.holomatic.cn)
DeepMotion

Basic Information

- Services: Autonomous driving
- Established time: 2017
- Existing scale: 50
- Financing stage: A
- Office Location: Beijing, China

Company Profile

- DeepMotion was founded in 2017 and has grown into the market's leading provider for autonomous driving technologies and services. The company has developed cutting-edge technologies including multi-sensor data fusion, AI algorithms, and Autonomous Vehicle Cloud platform. Based on these core technical components, the company provides complete solutions to autopilot, automated valet parking, and crowd-sourced HD-map construction. The company has established close cooperation with the largest OEMs in China. We have also served industry giants in areas of the map and geographic information service, AI chips, railways, and aviation safety.

Product Name

- Autonomous Valet Parking System (AVP)
- Surround View Sensing System
- High Precision Localization System
- HD-Map Solutions
Product Introduction

- Autonomous Valet Parking System
  With the AVP system, the driver can drop off the vehicle in a multi-storey car park or their final destination and the vehicle then park itself autonomously.

- Surround View Sensing System
  The system has several functional modules, such as parking lot detection, free space detection, obstacle detection, and road marker detection from surround view images. These functional modules provide supports to the AVP or Self-driving system.

- High Precision Localization System
  10cm precision localization at scenarios such as urban areas and highway, and also at GPS-denied area like tunnels/underground garages.

- HD Map Solutions
  Highly automated HD Map process solutions.

Primary User

- OEMs
- SAIC MOTOR

User Scenarios

- High level intelligent driving system for vehicles, using camera as the main sensors.

Business Requirements

- Expanding customer base in OEMs and Tier1s
- VCPE matching

Website

- www.deepmotion.club
Hemei Automotive Technology

Basic Information

- Services: Commercial Vehicle Designer & Manufacturer
- Established time: 2019
- Size: 120
- Financing stage: Angel/Pre-A
- Office Location: Hangzhou, Ningbo, Zhejiang Province

Company Profile

- Hangzhou Hemei Automobile Technology Co., Ltd. provides lightweight and smart, customized product design for logistics and express delivery industry, manufactures and sells electric commercial vehicles, and provides intelligent logistics operation management service and unmanned driving application with partners. The series of intelligent electric logistics distribution vehicles and trucks developed by our company can fully realize the operation and management benefits brought by lightweighting and intelligence to customers, and provide a platform for big data application of logistics Internet of things under 5G.

Product Name

- XHM-03 intelligent new energy logistics distribution vehicle and truck series

- The XHM-03 intelligent new energy logistics distribution vehicle and truck series developed by our company can fully realize the operation and management benefits brought by lightweight and intelligent for customers, and provide product solutions for leading the 5g application upgrading and unmanned operation of logistics Internet of things. Hemei series logistics vehicles, which represent new technology, new materials, new energy and new mode, are the best comprehensive solution for terminal logistics distribution.
Product Introduction

- Hemei XHM-03
  - Origin from the German Volkswagen classic van styling concept
  - Lightweight, intelligent logistics mini model, flexible, safe and convenient, with obvious differing and cost-effective advantages
  - Elegant shape, exclusive features and cargo cabin design for express delivery service, filling the blank of the market
  - Half of cost of ordinary new energy logistics vehicles. Under financial scheme, it is easy to promote and popularize
  - Product customization ability of L1 / L2 closed section operation
  - With an open intelligent delivery platform, a set of express delivery self-service system is developed according to the characteristics of e-commerce and express industry, which can effectively solve the problems of receiving orders and route selection of distribution sorting, distribution, receiving and exchanging goods in the last kilometer of e-commerce and express delivery industry, and can save manpower and material resources of the last kilometer, and increase the efficiency and safety of vehicle driving, delivery and delivery
  - The smart terminal of Hemei vehicle products can upload the driving data to the cloud server for big data analysis. On this basis, it provides driving behavior analysis, language interaction, location information, intelligent route planning and other services. At the same time, it can collect users' usage information for after-sales service, product feedback and improvement.
  - Tending on the enhancement of operation software system toward AI and 5g applications, Hemei aims balanced development of automobile hardware and software to meet the needs of value chain management of large enterprises and transport capacity management of small and medium-sized enterprises.

Primary Customers

- Primary customers include manufacturing supply chain service providers, distribution supply chain service providers, etc., including e-commerce logistics, traditional express logistics, logistics operation platform and cross-border new retail mode, such as Jingdong, “3 Tongs and 1 Da”, Truckers Home, Pin-Duo-Duo. Hemei can also customize driverless products and operation solutions in closed areas for supply chain management users. The export line includes markets of “one belt, one road” countries.
**Use Scenarios**

- Hemei not only provides intelligent and lightweight commercial vehicle products for logistics and supply chain management big customers, but also enables big data applications through vehicle platform, so as to open up the manufacturing and distribution chain, realize the integration of information services and logistics value-adding. On the basis of fully meeting the users' demands on vehicle cost performance, right of way, lightweight, safety and efficiency improvement, Hemei products are based on the collection and analysis of big data on the technical performance, operation performance and operation status of vehicles, in series with end-to-end logistics supply chain links, coordinating upstream and downstream resources, improving the visualization and intelligent management and control of the whole value chain, so as to turn vehicles into enabling big-data supply chain management and customer information collection. Supply chain service providers can organize and coordinate resources more effectively by adopting Hemei's vehicle and intelligent software solutions, optimize the supply chain under the support of data, and conduct business operation and management in real time and under control.

**Business Interest**

- Expand to the upstream and downstream industrial chain based on its existing lightweighting and intelligent product solutions, and find customers and investors who are interested to join in the realization of a shared vision.
Key Technology

Basic Information

• Services: Intelligent Driving Active Safety
• Established time: 2016.06.17
• Existing scale: 150-200
• Financing stage: A+
• Office Location: Beijing, Shenzhen, Changsha, Taiwan, etc.

Company Profile

• KEYTECH is a leading supplier of intelligent driving solutions excelled in AI algorithm in China, which was mainly composed of senior experts in artificial intelligence and automotive industry. It has now formed a comprehensive operating system including algorithms R&D, designing of hardware & software, production and sales and developed the business in both pre-installed market and after loading market.

Product Name

• Intelligent Driving Active Safety Solution

Product Introduction

• KEYTECH solution, based on the deep integration of AI, big data, cloud computing, etc., can provide a closed-loop management system including vehicle-mounted intelligent device and cloud platform, which enables vehicle fleets to develop various intelligent management about early warning, risk control, efficiency optimization, etc.
• The solution can provide different intelligent devices based on KEYTECH R&D to meet different needs of customers, such as KY-BJX, which has strong computing power and supports rich functions of ADAS, DMS, BSD, etc.
• YKY cloud platform is effective in vehicle fleet safety and refine operation management. For convenience of use, it also can provide APP for smart phone.
Primary User

- **Area:** Shuttle buses, tourist chartered buses and vehicles for dangerous goods/Trucks/Public transportation/Ride-hailing and taxies/Special usage vehicles/Insurance companies/Monitoring service suppliers/Traffic supervision department
- **Users:** Shouyue Technology/70mai

User Scenarios

- There are many successful cases in the field of public transportation. At present, KEYTECH has served the bus in many areas in China with active safety devices or relative services, such as Guangdong, Shandong, Tianjin, due to the closed cooperation with many famous buses service companies.
- KEYTECH has established in-depth cooperation with the leading online ride-hailing platform in China. As its primary active safety technology partner, KEYTECH has customized intelligent driving services for its operating vehicles.

Business Requirements

- Market expanding
- VCPE matching
- Supply chain service
- Branding
- others

Website

- [www.adasplus.com](http://www.adasplus.com)
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