

# PRESS RELEASE

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## Robotized Daily Life Presents at CES 2022



*Hyundai Robotics' Mobile Service Robots (from left, Hotel Robot, F&B Robot, Disinfection Robot (the three robots to be exhibited at CES 2022), and Luggage Robot) ©Hyundai Robotics*

SEOUL, SOUTH KOREA, December 15, 2021 – Hyundai Robotics announced that it will present robotized daily lives at CES 2022, the world's largest international consumer electronics exhibition show, to be held in Las Vegas from January 5 to 8, 2022.

During CES 2022, Hyundai Robotics will unveil its latest robot café and three types of service robots - Hotel Robot, F&B Robot, and Disinfection Robot – that can be used in various daily life activities, which will show how the robots will bring about much improved and safer daily lives.

**Robot Café** will demonstrate its fully unmanned services operated by artificial intelligence (AI) and robot technologies that Hyundai Robotics has built up over years. No human intervention is involved in its automated services, from taking orders to serving beverages. Coffee-making robots and serving robots, fully autonomously operated with AI technology, provide faster and cleaner services. The robots complete those services within two minutes.

Among service robots, **Disinfection Robot** is expected to receive rapt attention from visitors due to the heightened interest in personal and public health issues due to the COVID-19 pandemic. An air purification function is applied to Disinfection Robot instead of the ultraviolet sterilization or disinfectant spraying method. This new feature has more substantial disinfection effects than others while causing no harm to the human body. Disinfection Robot is scheduled to be commercialized next year.

"We have made every effort to make changes in our daily life with robots developed by our capabilities and technologies we have built up over years," said CEO Chul-ho Kang of Hyundai Robotics. "We will continue to present a vision for a safer and more valuable life for humans through continuous technological development."

### **About Hyundai Heavy Industries Group**

Hyundai Heavy Industries Group (HHI Group) is the world's largest shipbuilding and heavy Industries conglomerate. HHI Group started as a shipbuilder in 1972 in a small fishing village in Ulsan, the southeast of South Korea. With acquisitions and expansions into related sectors, it completed its shift to a holding company structure by launching Hyundai Heavy Industries Holdings in March 2018. On the foundation of solid leadership in the shipbuilding industry, it is now progressing to become the most innovative solution provider in the heavy industry and energy sectors, ranging from shipbuilding and offshore engineering to the refinery, petrochemical, and smart energy management businesses. The market capitalization of the HHI Group's eight listed subsidiaries reached USD 21.1 billion as of November 30, 2021.

### **About Hyundai Robotics**

Hyundai Robotics started as a robot business unit within Hyundai Heavy Industries in 1984. It developed the first welding robots in 1987 and has made industrial robots since 1997. Now it has grown to become Korea's representative robot maker. It was demerged from Hyundai Heavy Industries Holdings Co. in May 2020 to strengthen the robot business.

Out of various robots made by Hyundai Robotics, bodywork welding robots and robots for LCDs were selected as "top-notch global products" by the Ministry of Knowledge Economy of Korea and the Korea Productivity Center in 2008 and 2011, respectively.

The main business areas of Hyundai Robotics are manufacturing industrial robots and logistics automation, with their sales volumes reaching US\$ 217.6 million in 2019 and US\$ 210 million in 2020. Its industrial robots are installed on production lines for welding work to improve productivity and reduce labor, mainly used in the automobile factories of companies, including Hyundai Motors, Kia Motors, and Beijing Motors of China.

Hyundai Robotics constructed its first smart factory in Daegu, South Korea, in 2017. Since 2019, Hyundai Robotics has developed various service robots, such as F&B Robot, Hotel Robot, and Disinfection Robot, and it has cooperated with KT Corporation, formerly Korea Telecom, to expand the service robot business.

Hyundai Robotics plans to strengthen its existing competitiveness in industrial robots through cooperation with advanced global companies while pioneering new markets for automated manufacturing solutions and service robots.

### **About KANG Chul-ho, Chief Executive Officer, Hyundai Robotics**

After serving as a diplomat for ten years, Mr. KANG joined Hyundai Heavy Industries in 2004. He was assigned as the CEO of Hyundai Heavy Industries China Investment Co., Ltd. in 2010 and took office as the CEO of Hyundai Energy Solution in 2017. He has served as CEO of Hyundai Robotics since June 2021. He studied oriental history at Seoul National University.

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