



类人灵巧操作具身智能机器人引领者



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Casia Hand[®]

COMPANY PROFILE

公司简介

中科硅纪(南京)机器人有限公司,通用类人灵巧操作具身智能机器人引领者。孵化自具身智能国家队——中国科学院自动化研究所多模态人工智能系统全国重点实验室,是按照新模式批准成立的首个混合所有制企业,实现了知识产权和成果的快转化落地,得到了各方面的全方位支持。

中科硅纪 Casia Hand 创始团队,十多年来专注于机器人上肢灵巧操作能力的突破,建立了完备的类人灵巧操作具身智能机器人“全栈技术体系”。连续在机器人学顶级国际期刊 TRO (IEEE Transactions on Robotics) 发表突破性成果。标志着中科硅纪成为国际上兼具类人灵巧操作硬件和具身智能算法的顶级团队,并在工业、家庭、特种等应用领域建立了显著技术优势。

创始团队自主研发的 Casia Hand 类人灵巧操作具身智能机器人全系列产品,先后获“第 49 届日内瓦国际发明展金奖”、“ISTA 全球创新与发明奖”、“红点奖(Red Dot Award)”等国际大奖,以及“恰佩克奖”、“具身智能算法革新奖”、“人形机器人技术突破奖”、“最具投资价值 ToP50”,和多项“创新创业大赛一等奖”等重要奖项。

连续被央视新闻联播、央视朝闻天下、央视财经频道、央视新闻频道、新华社、人民网等国家级媒体报道,通过了欧盟 CE、北美 FCC 等国际产品认证。实现了从实验室到产业化的关键跨越,为解决机器人领域的“最后一公里”难题开辟新途径,展现出卓越的技术实力和广阔的市场前景。

高起点、高标准推动公司快速商业化,以细分场景和典型用户为牵引,快速建立了“部件-算法-整机-训练场”全系列行业应用级产品,与多家上市公司建立了合作关系,加速在工业-服务-特种等垂直场景的落地应用。

CasiaHand Robotics Co., Ltd. is a pioneer in versatile, general-purpose AI-driven humanoid robots with advanced dexterous manipulation capabilities. Originating from the National Key Laboratory of Multimodal Artificial Intelligence Systems at the Institute of Automation, Chinese Academy of Sciences. It is the first mixed-ownership enterprise established under a new model. CasiaHand successfully accelerates the transformation of intellectual property and research into practical applications, receiving comprehensive support from various sectors.

For over a decade, the founding team of CasiaHand Robotics has pioneered breakthroughs in dexterous robotic manipulation through cutting-edge hardware and software innovations. We have developed a comprehensive ecosystem of technologies and products enabling human-like dexterous manipulation and embodied AI robotics. Our groundbreaking research has been consistently published in top-tier international journals, including IEEE Transactions on Robotics (TRO). These accomplishments position CasiaHand as a world-leading team that seamlessly integrates humanoid dexterous hardware with embodied intelligence algorithms, delivering significant technological advantages across industrial, domestic, and specialized application fields.

The Casia Hand series of humanoid intelligent robots, independently developed by the founding team, has received numerous prestigious international awards, such as the Gold Medal and ISTA Global Innovation, Invention Award at the 49th Geneva International Exhibition of Inventions, 2025 German Red Dot Award, 11th Capek Awards, Embodied Intelligence Algorithm Innovation Award, Humanoid Robot Technology Breakthrough Award, Top 50 Most Investable, and First Prize in the Finals of the 2024 UCAS Cup Innovation and Entrepreneurship Competition.

The company has been repeatedly featured by major media outlets such as CCTV News, CCTV Finance, CCTV News Channel, Xinhua News Agency, and People's Daily Online. Its products have obtained international certifications including the EU CE and North American FCC. This marks a critical leap from laboratory research to industrialization, opening new pathways to address the “last-mile” challenge in the robotics field and demonstrating outstanding technological strength and vast market potential.

Driven by high standards and a strong foundation, the company has experienced rapid growth since its establishment. It quickly secured tens of millions in funding and established a comprehensive product ecosystem spanning components, algorithms, integrated systems, and training environments. CasiaHand has formed partnerships with several publicly listed companies, accelerating the deployment and commercialization of its solutions across industrial, service, and specialized vertical scenarios.



中科硅纪
CASIAHAND ROBOTICS

开启机器人硅基生命新纪元