

优必选科技简介

优必选科技成立于2012年3月,是人形机器人的领导者和智能服务机器人的领航企业。秉承着“让智能机器人走进千家万户,让人类的生活方式变得更加便捷化、智能化、人性化”的使命,优必选布局了人形机器人全栈式技术,并在此基础上开展智能服务机器人解决方案的研发、设计、智能生产和商业化应用,涵盖了多个行业的企业级和消费级广泛应用场景。2023年12月29日,优必选(股票代码:9880.HK)于香港交易所主板挂牌上市。

优必选是全球极少数具备人形机器人全栈式技术能力的公司,包括行业领先的机器人硬件与控制技术(机器人运动规划和控制技术、高性能伺服驱动器)、人工智能技术(仿人大脑、仿人小脑)、机器人与人工智能融合技术(SLAM及自主技术、视觉伺服操作与人机交互),以及机器人操作系统应用框架 ROSA2.0。公司是全球极少数完成从小扭矩到大扭矩的伺服驱动器批量生产的公司,自主研发的 Walker 是中国首个商业化双足真人尺寸人形机器人。截至2024年12月底,优必选拥有2680项授权专利,其中海外专利484项,发明专利占比58%,人形机器人有效专利数量全球第一。聚焦工业制造、商用服务、家庭陪伴三大场景,优必选率先实现了人形机器人落地应用,是全球唯一一家与多家车企宣布合作的人形机器人公司, Walker S 系列也成为全球进入最多车厂实训的工业人形机器人。

凭借自研的人形机器人全栈技术,优必选还以智能机器人为载体,人工智能技术为核心,面向人工智能教育、智慧物流、智慧康养、商业服务等多个行业,推出了“硬件+软件+服务+运营”的智能服务机器人解决方案,致力于以创新科技服务于解决社会重大问题和满足社会重大需求,创造真正可持续发展的长期社会价值。

我们相信,人类的未来在于人机共存。我们矢志不渝地践行对创新和技术的承诺,希望让优必选机器人走进各行各业和千家万户,迈向人机共存的时代。

About UBTECH

Established in March 2012, UBTECH ROBOTICS CORP LTD is a leading humanoid robots and smart service robots company. On 29 December, 2023, we were listed on the main board of the Hong Kong Stock Exchange (stock code: 9880.HK).

Dedicated to the mission of 'bringing intelligent robots into every family, and making everyday life more convenient and intelligent', we have developed a full stack of humanoid robotic technologies independently. Building on our full-stack technologies, UBTECH has engaged in the research and development, design, smart production, and commercialization of smart service robots, and has developed smart robotic solutions that integrate with hardware, software, service and contents. These solutions span various industries such as AI education, smart logistics, smart elderly care, business and consumer service.

UBTECH is among the few global leaders in full-stack humanoid robotics technologies. Our full-stack technologies are a holistic combination of industry-leading robotic technologies (robotic motion planning and control technology, and high performance servo actuators), our AI technologies (human-like brain function and cerebellum function), integrated robotic and AI technologies (SLAM and autonomous technology, visual servo operation and human-robot interaction), and Robot Operating System Application Framework (ROSA 2.0), our proprietary robotics application framework.

We are also one of few companies in the world to accomplish mass production of small torque to large torque servo actuators. Our self-developed Walker is the first commercialized biped life-sized humanoid robot in China. By December 2024, we hold more 2680 robotic and AI-related patents, including 484 international patents and with 58% being invention patents, making us the global leader in effective humanoid robot patents. By continuously developing core technologies of humanoid robots, we have pioneered the deployment of humanoid robots globally, focusing on three scenarios, which are industrial manufacturing, commercial services, and household companionship. By now, UBTECH is the only humanoid robot company to announce partnerships with multiple vehicle companies in the world, and our industrial humanoid robot Walker S series have entered most of the production line of vehicle companies to complete different tasks.

We believe that the future of human lies in human-robot co-existence. With an unwavering commitment to innovations and technology, we envisage to bring UBTECH robots to every home and industry, marching towards a society where human and robots co-exist.