公司简介
Company Profile

无锡陆吾智能科技有限公司成立于 2020 年 11 月，核心团队来自哈尔滨工业大学机器人技术与系统国家重点实验室。公司专注于桌面级双足、四足机器狗、轮足机器人等多拟态机器人的技术研发与场景应用。

以桌面仿生机器人为切入点，陆吾智能将前沿机器控制技术与开源硬件生态融合，打造出 XGO 系列产品。产品矩阵中，XGO – Rider 双轮足集成先进部件，能实现全向移动等复杂运动；XGO – mini2 四足机器狗以仿生步态算法为亮点，构建智能运动体系；即将推出的 XGO – mini3W 可实现四足、四轮、轮足三种模态切换。在应用上，其多拟态机器人形成"硬件 + 软件 + 生态"闭环。教育实践中，四足机器狗比赛套件助力学生培养编程等核心素养；开源生态方面，兼容主流开源硬件平台，支持多语言编程，为学习者提供全链条实践场景 。

Wuxi Luwu Intelligent Technology Co., Ltd. was founded in Novem–ber 2020, with its core team coming from the State Key Laboratory of Robotics and System at Harbin Institute of Technology. The company focuses on the technological research and development as well as scenario application of multi – morphic robots such as desktop – level biped robots, quadruped robot dogs and wheel – legged robots.

Taking desktop bionic robots as the entry point, Luwu Intelligence integrates cutting – edge machine control technology with the open – source hardware ecosystem to create the XGO series products. In the product matrix, the XGO – Rider two – wheeled robot integrates advanced components and can achieve complex movements such as omnidirectional movement; the XGO – mini2 quadruped robot dog features a bionic gait algorithm, building an

intelligent movement system; the upcoming XGO – mini3W can realize the switching between three modes: quadruped, four – wheel and wheel – legged.In terms of application, its multi – morphic robots form a "hardware + software + ecosystem" closed loop. In educational practice, the quadruped robot dog competition kits help students develop core literacy such as programming; in the open – source ecosystem, they are compatible with mainstream open – source hardware platforms and support multi – language program–ming, providing learners with a full – chain practical scenario.

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无锡陆吾科技有限公司
Wuxi Luwu Intelligent Technology Co., Ltd.

主营产品
Main Products

XGO-LITE

XGO-lite2是一款具有十二自由度桌面级AI机器狗，背部搭载机械臂和末端夹爪，内置树莓派CM4模组实现AI边缘计算应用，采用2.3KG.CM总线串口舵机作为关节，可实现全向移动、六维姿态控制、姿态稳定、多种运动步态和夹持任务，内部搭载IMU、关节位置传感器和电流传感器反馈自身姿态和关节转角与力矩，用于内部算法和二次开发。支持跨python编程和ROS编程。

XGO-lite2 is a desktop AI robot dog with 12 DOF and a gripper powered by a Raspberry CM4 for AI edge computing applications. It has a 2.3KG.CM serial bus servo, supports omnidirectional movement, 6D posture control, posture stability, multiple motion gaits, internally equipped with 6-axis IMU, joint position sensors and current sensors for position feedback, joint rotation and torque readings for internal algorithms and secondary development. The robot

XGO-MINI

XGO-mini2是一款具有十二自由度桌面级AI机器狗，背部搭载机械臂和末端夹爪，内置树莓派CM4模组实现AI边缘计算应用，采用4.5KG.CM全金属磁编码总线串口舵机作为关节，可实现全向移动、六维姿态控制、姿态稳定、多种运动步态和夹持任务，内部搭载IMU、关节位置传感器和电流传感器反馈自身姿态和关节转角与力矩，用于内部算法和二次开发。支持跨python编程和ROS编程。

XGO-mini2 is a desktop AI robot dog with 12 DOF and a gripper powered by Raspberry CM4 for AI edge computing applications. With 4.5KG.CM serial bus servos, it supports omnidirectional movement, 6D posture control, posture stability, and multiple motion gaits. It is internally equipped with IMU, joint position sensors and current sensors to feedback positions, joint rotation and torque readings for internal algorithms and secondary development. The robot dog allows for Blocky and Python programming via a custom APP or PC for developing AI applications.

XGO-RIDER

XGO-Rider是一款基于树莓派的桌面级双轮足开源开发平台，内置树莓派CM4模组实现AI边缘计算应用，采用4.5KG.CM全金属磁编码总线串口舵机作为关节，FOC轮毂一体化电机作为轮子，可实现灵活移动、自稳控制、运动叠加和基于大语音模型的图像语音互动，支持二次开发。

XGO-Rider is a desktop-level wheel-legged development platform based on Raspberry Pi, featuring a built-in Raspberry Pi CM4 module for AI edge computing applications. It uses 4.5KG.CM all – metal magnetic – encoded bus serial servos as joints and FOC hub – integrated motors as wheels. It can achieve flexible movement, self – stabilizing control, motion superposition, and image – voice interaction based on large – language models. It also supports secondary development.

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MORE PRODUCTS COMING SOON!