



产品手册

Product Brochure

越甲灵动（深圳）科技有限公司

Yuejia Lingdong (Shenzhen) Technology Co., Ltd.

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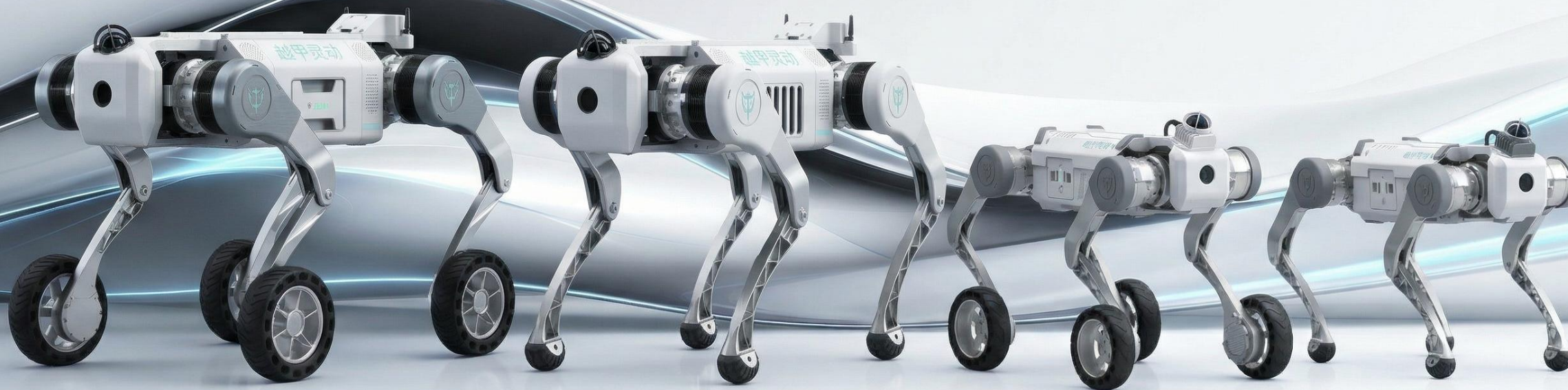
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越甲灵动系列四足机器人基于全域自研技术栈，搭载多模态环境感知技术与仿生关节驱动模组，通过强化学习算法与仿真训练平台，实现复杂场景下精确运动控制与自适应地形越障能力。结合强大的模块化生态载荷，服务于工业、商业和家庭服务等各类场景，在动态性能、智能化水平以及综合解决方案应用方面重新定义四足机器人产品标杆。



Based on a fully self-developed technology stack, the “YJ” series quadruped robot integrates multi-modal environmental perception technology and bionic joint drive modules. Leveraging reinforcement learning algorithms and simulation training platform, it achieves precise motion control in complex scenarios and adaptive terrain obstacle navigation. Combined with a robust modular ecosystem, it serves diverse scenarios such as industrial, commercial, and home services. It redefines quadruped robot benchmarks by dynamic performance, intelligence and environmental adaptability.



多光谱传感器
Multispectral Sensor



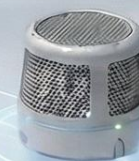
激光雷达
LiDAR



机械臂
Robotic Arm



气体检测仪
Gas Detector



双光云台
Dual-Light Gimbal



生态：感知 + 通信 + 执行 + ...
Ecosystem: Sensing + Communication + Execution + ...

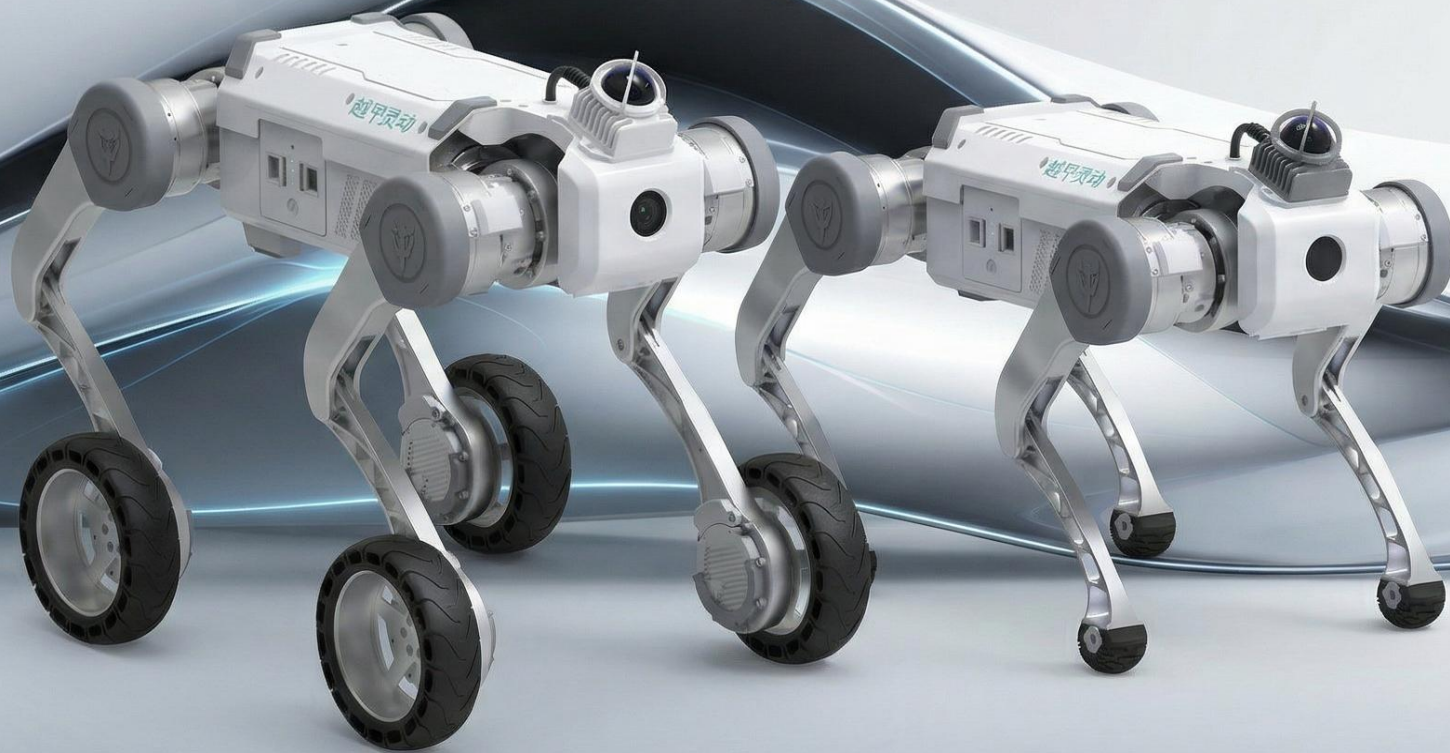
丰富的生态产品支撑应用落地

Diverse ecosystem products enable practical application implementation.

YJ30



面向中小型工业场景与科研教育市场，主打“轻量化、高性能、高性价比”，聚焦于教学科研、巡逻巡检、应急救援 等场景。



产品参数/Parameters:

类别/Items	YJ30	YJ30W
站立尺寸 / Dimension	682×354×462mm	682×354×532mm
重量 / Weight	17.5kg	20kg
负载 / Load	10kg	12kg
续航 / Endurance	1.5-2h 3h (Dual Battery)	1.5-2h 3.5~4h (Dual Battery)
攀爬台阶高度 / Climbing Height	20cm	60cm
最大速度 / Max Speed	3m/s	5m/s
爬坡角度 / Climbing Angle	50°	50°
防护等级 / IP	IP54	IP54
WiFi/BT	有√	有√
4G/5G	有√	有√
图传 / Video Transmission	有√	有√
语音识别 / ASR	有√	有√
跟随 / Smart Following	有√	有√
导航 / Auto Navigation	有√	有√

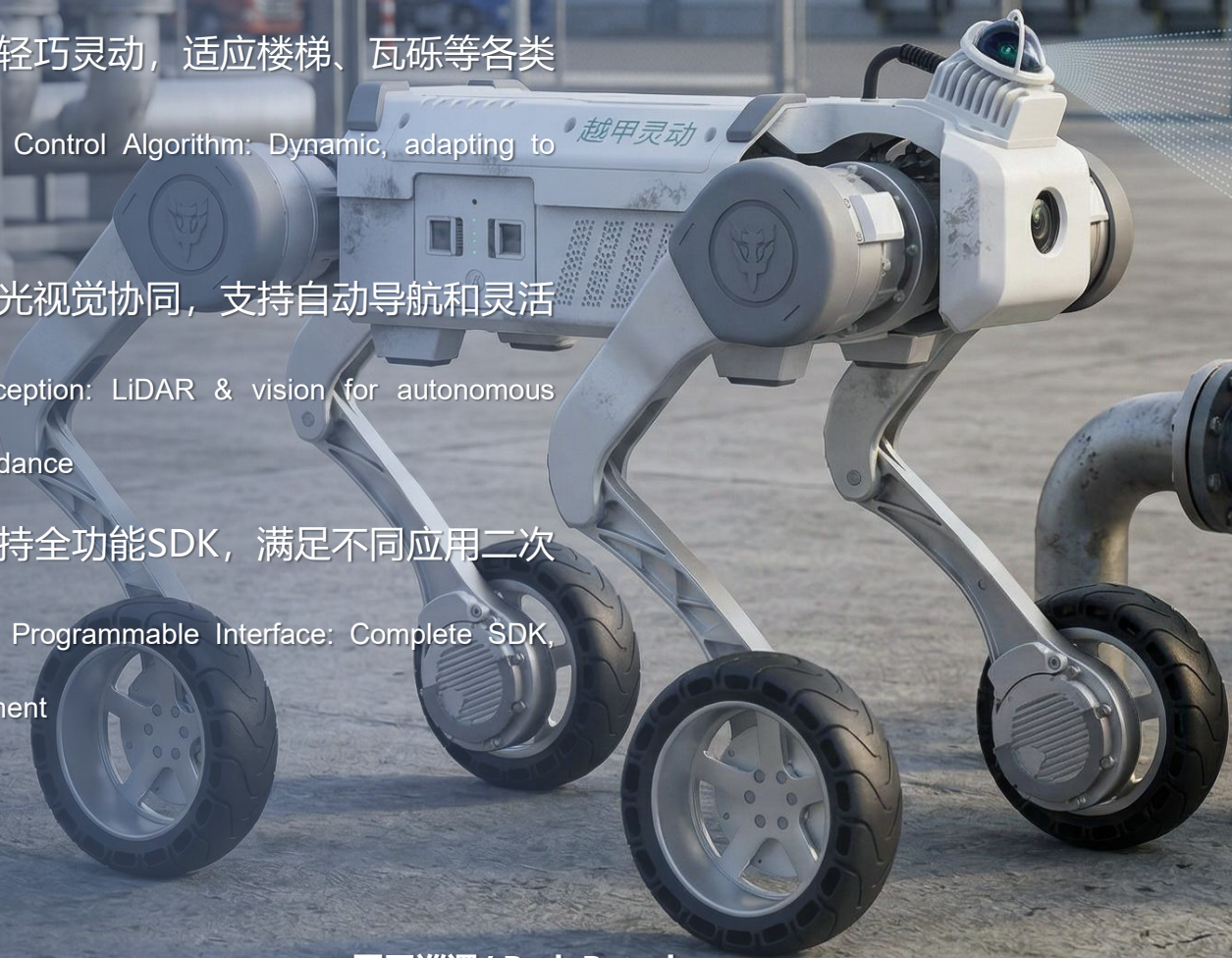
For small-to-medium industrial scenarios and the scientific research & education market, featuring "lightweight, high-performance and cost-effective" solutions. Focused on application scenarios such as educational experiment, patrol and emergency rescue in confined spaces.

YJ30



★ 产品亮点 / Highlights

- 强化学习运控算法：轻巧灵动，适应楼梯、瓦砾等各类复杂地形 / RL Motion Control Algorithm: Dynamic, adapting to various complex terrains
- 多模态感知矩阵：激光视觉协同，支持自动导航和灵活避障 / Multimodal Perception: LiDAR & vision for autonomous navigation & obstacle avoidance
- 全栈可编程接口：支持全功能SDK，满足不同应用二次开发需求 / Full-Stack Programmable Interface: Complete SDK, ready for custom development



园区巡逻 / Park Patrol



教学科研 / Edu. & Research



文旅表演 / Cultural & Tourism Entertainment



应急救援 / Emergency Rescue



YJ30 Max

面向大型工业与特种作业场景，主打“高负载、强适应、可扩展”，
聚焦于工业巡检、消防应急、复杂环境作业等高要求任务



For large-scale industrial and special operation scenarios, featuring "high payload, strong adaptability and scalability". Focused on high-demand missions such as industrial inspection, firefighting emergency response, and complex environment operations.

产品参数/Parameters:

类别/Items	YJ30 Max	YJ30W Max
站立尺寸 / Dimension	896x635x530mm	896x635×625mm
重量 / Weight	45kg	55kg
静态负载 / Static Load	50kg	55kg
动态负载 / Dynamic Load	30kg	35kg
续航 / Endurance	3-4h	3.5-4.5h
攀爬台阶高度 / Climbing Height	30cm	80cm
速度 / Max Speed	3m/s	5m/s
爬坡角度 / Climbing Angle	50°	50°
防护等级 / IP	IP67	IP67
WiFi&BT	有√	有√
4G&5G	有√	有√
图传 / Video Transmission	有√	有√
语音 / ASR	有√	有√
导航 / Auto Navigation	有√	有√

YJ30 Max



★ 产品亮点 / Highlights

- 极致的工业级设计: 卓越的负重、攀爬能力和防护等级, 适应恶劣环境 / Ultimate Industrial-Grade Design : Exceptional Load , climbing and protection design for harsh environment
- 高性能计算平台: 强大的边缘算力平台, 支持模型端侧部署实时响应 / High-Performance Computing Platform : Powerful edge computing ability supporting on-device model deployment with real-time response
- 标准化可扩展生态: 标准化外部功能接口, 丰富的生态组件, 全行业应用 / Standard & Scalable Ecosystem : Standard functional interfaces, rich ecosystem components and Industry-wide application



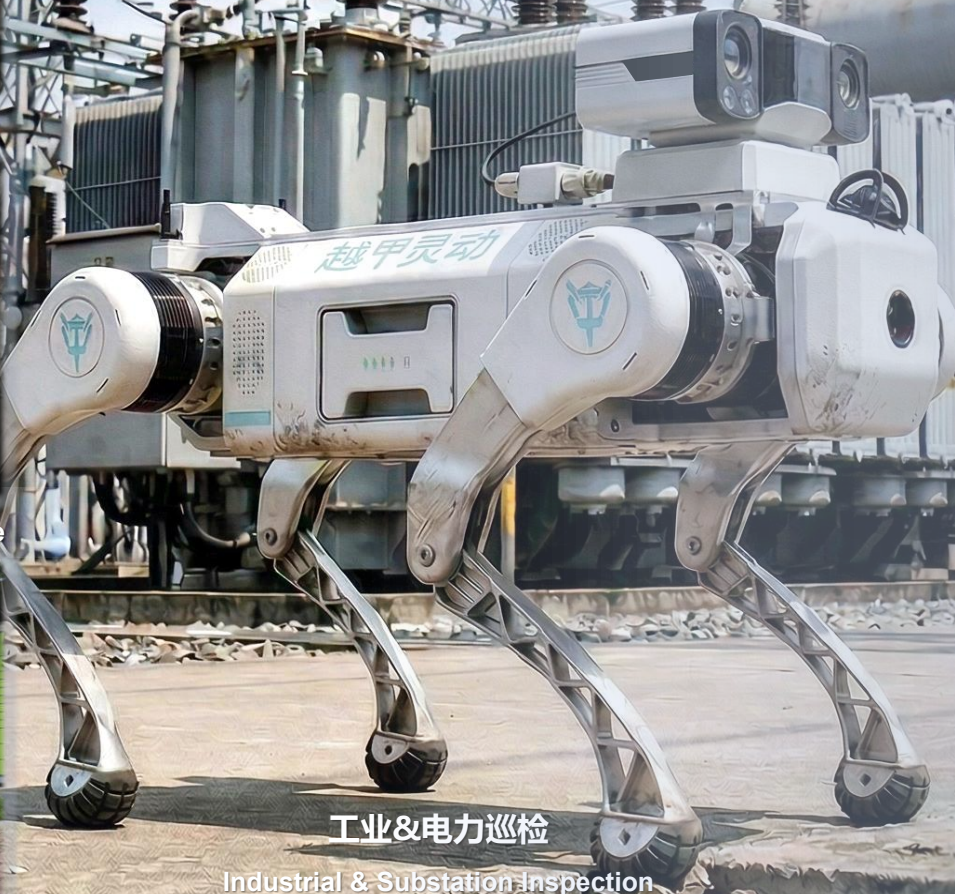
公安巡逻 / Security Patrol



消防应急 / Firefighting & Emergency Response



物流配送 / Last-Mile Delivery



工业&电力巡检

Industrial & Substation Inspection



公众号



视频号



抖音



小红书

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