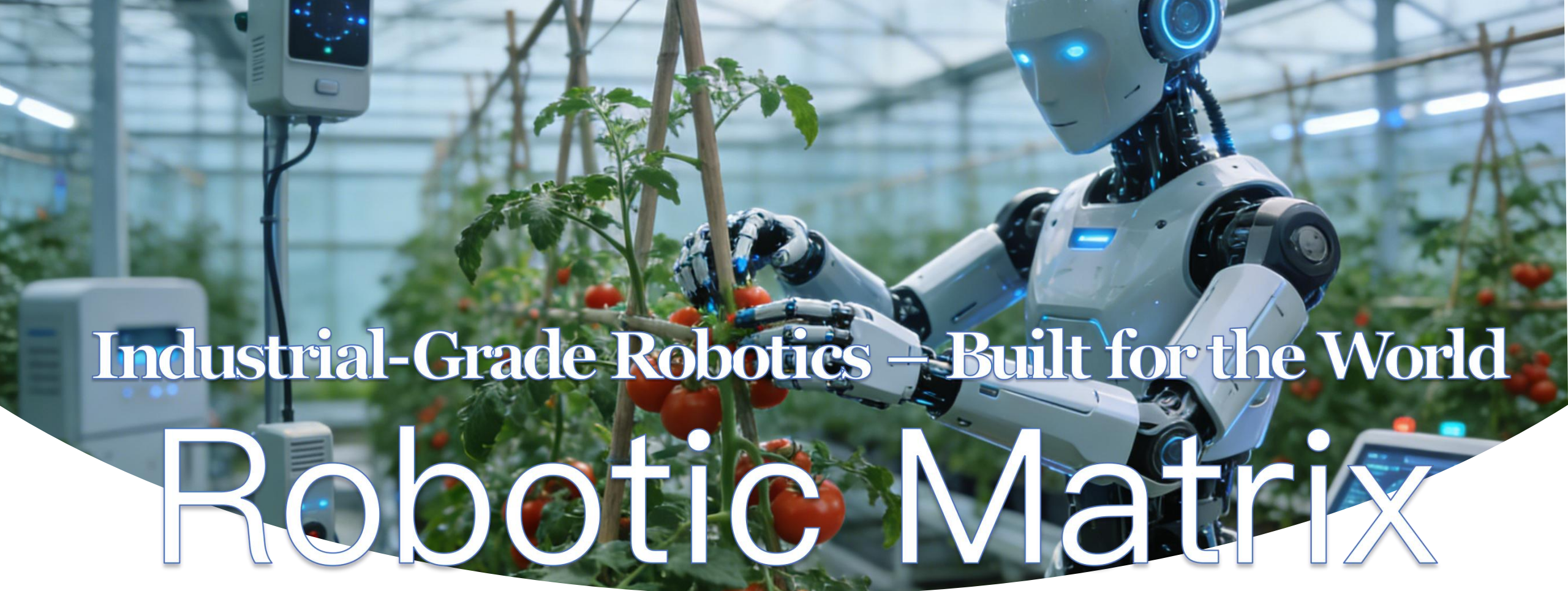




Industrial-Grade Robotics – Built for the World

Robotic Matrix



Chengdu Xindu Green Control Agricultural Service Co., Ltd.



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Company Profile

GC Robotics:

Full Legal Name: Chengdu Xindu Green Control Agricultural Service Co., Ltd.
We operate globally under our brand name GC Robotics for all robotics business communications.

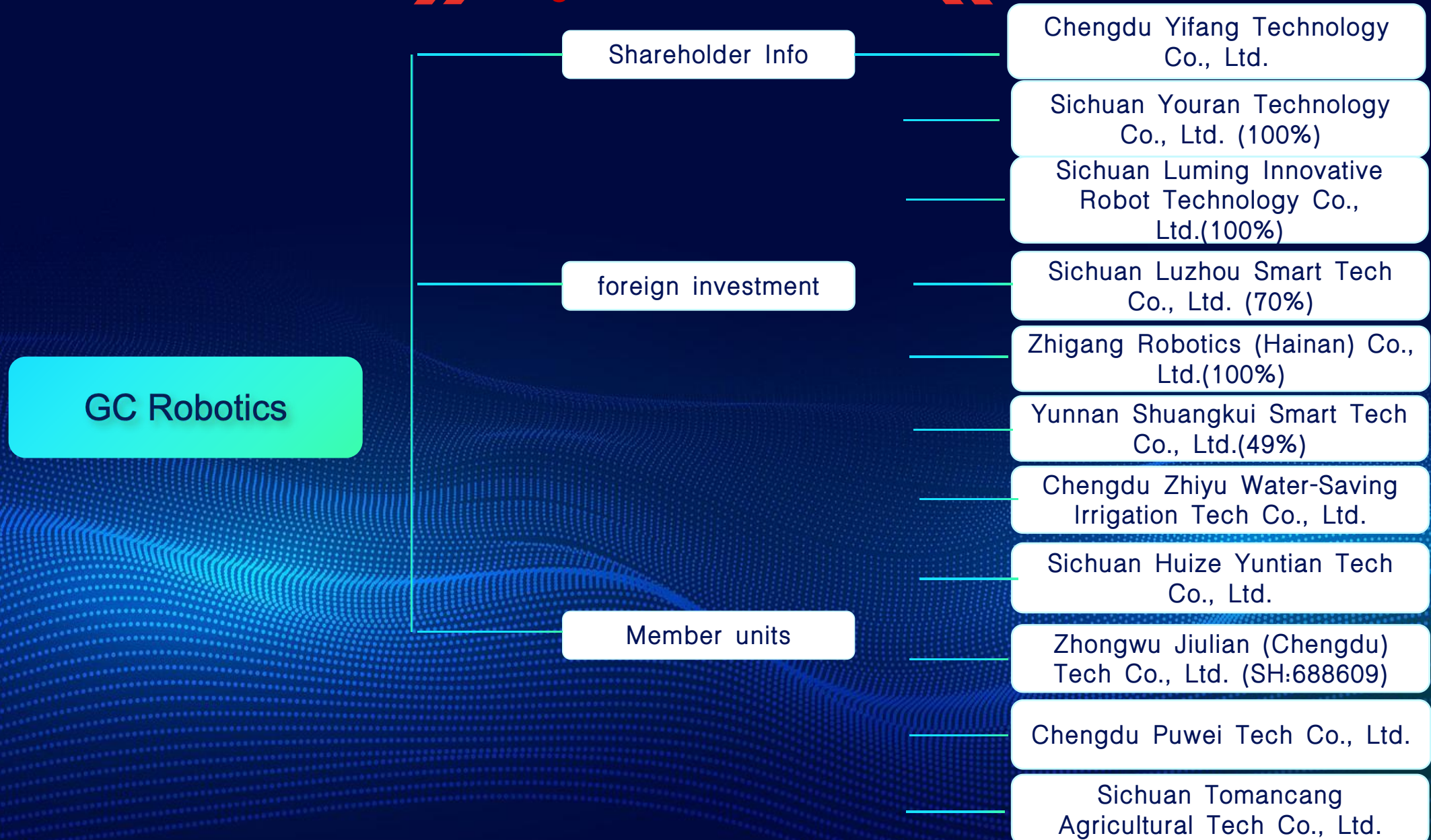
About Us

GC Robotics is a National High-Tech Enterprise specializing in Robotics, AI Vision Systems, Autonomous Navigation, Smart industrial & Agriculture Solutions.

Achievements:

- 44 Intellectual Properties
- 7 Invention Patents
- 19 Software Copyrights
- Annual Revenue Exceeding RMB 100 Million

Organizational Structure



Core Team

Core Achievements & Patents

Reinforced Zero-Net Guided Robot Piercing Control System & Method (Patent)
Multi-Sensor Fusion Tracked Robot (Patent)
Portable Dual-Arm Robot System (Patent)
Pesticide Spraying Robot System (Patent)
Self-Cleaning Multi-Modal Sensing Special Robot (Patent)
Meta-Heuristic Manipulator Path Obstacle Avoidance Method (Patent)
Multi-Sensor Fusion Agri-Robot Navigation System & Control Method (Patent)
Six-Axis Flexible Joint Terrain Adaptive Device for Agri-Robot (Patent)
mm-Level Crop Image Deep Learning Pest Recognition Method & System (Patent)
5G IoT Platform for Agri-Robot Multi-Machine Collaboration (Patent)
Bionic Picking Gripper Force Feedback Control System (Patent)
Multi-Modal Fusion Crop Disease & Pest Identification System (Patent)
Dynamic Knowledge Graph Construction for Agri Q&A (Patent)
LLM Adaptive Fine-Tuning for Crop Growth Prediction (Patent)
LiDAR & Binocular Vision Fusion Agri-Robot Obstacle Avoidance System (Patent)

Core Team



CEO

Chen Li

Professor & PhD Supervisor, PhD from University of Montpellier, France.
2011.10–2014.12: Research Associate, INRIA & LIRMM Sichuan
Provincial High-Level Overseas Talents

Core Team



CTO

Zhijun Zhang

Professor & PhD Supervisor, SCUT, National Talent, IEEE Senior Member,
Chair of IEEE CIS Guangzhou Chapter.

Director of Guangdong Key Lab for Embodied Humanoid Robots, Head of
Bionic Robotics Lab. SCUT High-level Scholar, Guangdong Distinguished
Young & Top Young Innovative Talent

Executive Editor, Global Journal of Neural Science Associate Editor,
International Journal of Robotics and Control Reviewer of 20+ SCI journals.

Core Team

Core Team



CIO

Kang Wang

MBA, Chongqing Technology and Business University, 2014. Former Director, Chongqing Water Investment Group

Core Team



CSO

Qiming Chen

Postdoc, UESTC. GM, Chengdu Puwei Tech since May 2020. Independent Director, Gangtong Medical (301515)

Core Team



CMO

Yuanqing Wu

Graduated from Sichuan Agricultural University, Agronomy, 2008. Co-founder, Chengdu Lv kong Agricultural Service Co., Ltd.

Core Team



CFO

Rong He

Master of Engineering. Focus: AI, robotic systems & commercialization. Led/joined 10+ national & provincial research projects, 2 runner-up & 2 third prizes, FIRA RoboWorld Cup China Trials.

Three-tier Architecture: Base - Growth - Vision

Core Base Product: High-Adaptability Robot Chassis

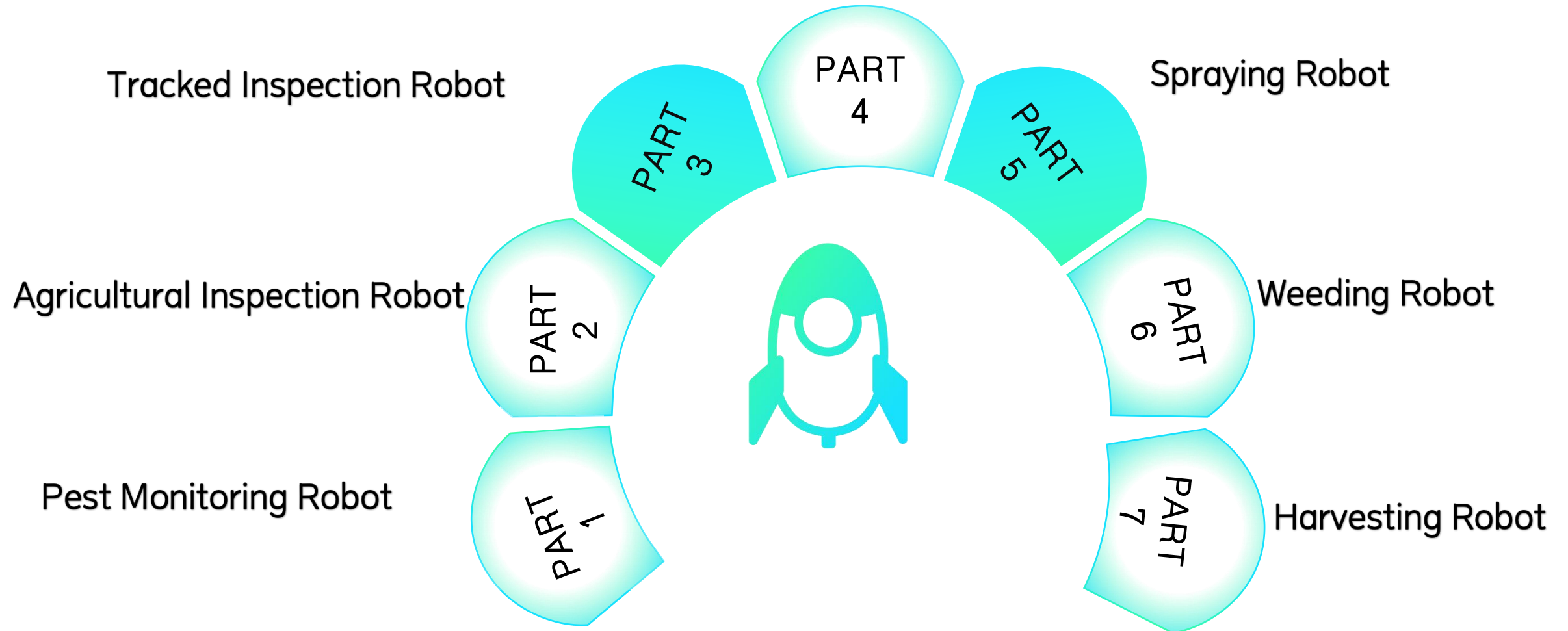
Growth Engine Product: Multi-scenario Agricultural Inspection Robot

Vision Target Product: Multi-scenario Agricultural Robot



Agricultural Robotics Portfolio

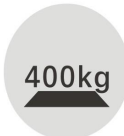
Smart Mobile Chassis



Core Chassis Products

LU-P500: Industrial AMR Chassis

Equipped with dual LiDAR + wheel odometry and LiDAR SLAM for 360 ° high-precision mapping & all-around obstacle detection. Robust power system delivers 400KG payload for factory material handling. Versatile expansion interfaces support multi-scenario applications.



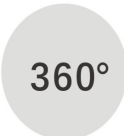
工业级转运平台



双雷达系统

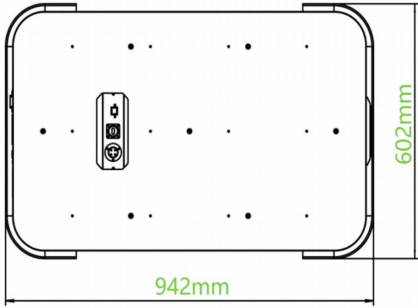
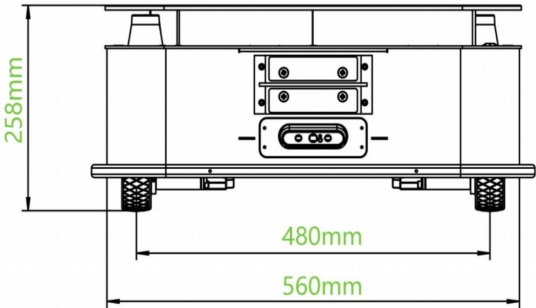


轮式里程计



无死角躲避障碍物

机器参数



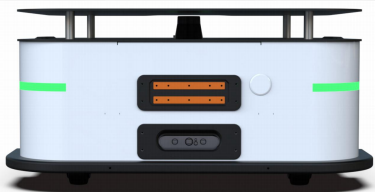
适用场景	室内
自重	70KG
载重	400KG
电池	36V31Ah
接口	HTTP、USB、RJ-45、WIFI、四芯航插
码盘	1024线
悬挂	独立悬挂
轮距	480mm
轮直径	165mm
传感器	激光雷达×2、防撞条×2、里程计、深度相机、IMU

PUVEI P500

外形尺寸	942×602×258mm
转向方式	差速转向
旋转速度	-1rad/s - 1rad/s
直行速度	-0.8m/s - 0.8m/s
充电时间	4h
充电规格	42V-10A
工作时间	16h(平地无负重)
工作温度	-5~45 C
转弯半径	0 (可原地自转)
电机功率	500W×2

Core Chassis Products

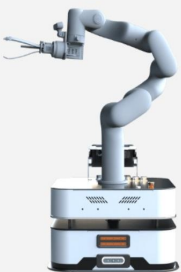
LU-S30: Indoor Mobile Robot



High mobility with single-line LiDAR SLAM & multi-sensors. Supports active/passive obstacle avoidance and autonomous navigation for reliable operation. User-friendly interfaces enable rapid secondary development for various indoor robots. Equipped with auto-charging dock for 24/7 unmanned operation.



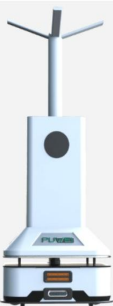
智能配送机器人



移动抓取机器人



智能服务机器人

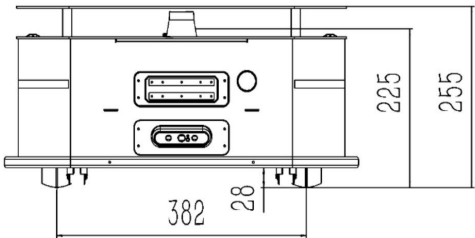
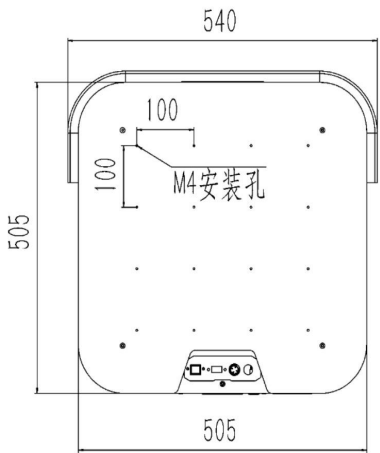


消毒喷雾机器人



消杀灭菌机器人

机器参数



型号:	PUWEI S30	外形尺寸:	540*505*255mm
重量:	41Kg	转向方式:	差速转向
载重:	70Kg	旋转速度:	-1rad/s—1rad/s
电池:	24V—31AH	直行速度:	-1m/s—1m/s
接口:	HTTP、RJ-45、WIFI、USB、四芯航插	充电时间:	6.5h
码盘:	1024线	充电规格:	29.4V-5A(可手动充电或自动充电)
悬挂:	独立悬挂	工作时间:	20h(平地无负重)
轮距:	392mm	工作温度:	-10~50℃
传感器:	激光雷达、防撞条、里程计、深度相机 (选配)	转弯半径:	0 (可原地自转)
轮直径:	170mm	电机功率:	350W*2

Core Chassis Products



LU-X8: Four-wheel drive chassis

4WD independent suspension for omnidirectional movement. With built-in sensors and robotic arm mounting, it supports autonomous & remote driving for outdoor inspection, lawn mowers and complex-terrain transport.



Core Chassis Products



LU-H100: Composite Inspection Robot
Autonomous inspection, auto charging, meter reading and temperature detection. Data storage & transmission, anomaly alert for reliable indoor operation.



自动充电



高效巡检

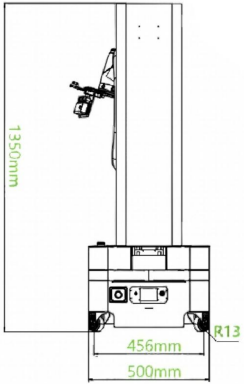
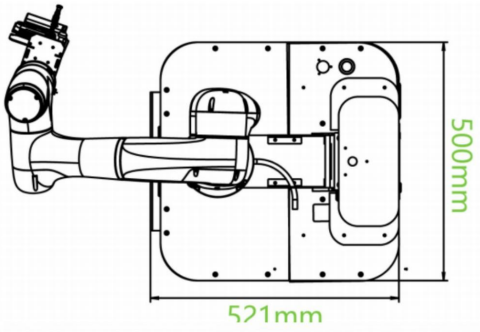


数据采集分析



设备温度测量

机器参数



适用场景	室内	计算单元	工业级电脑
自重	90KG	转向方式	差速转向
通讯	4G工业路由器、WIFI	旋转速度	-1rad/s - 1rad/s
电池	24V31Ah	直行速度	-0.8m/s - 0.8m/s
接口	HTTP、WIFI、RJ-45	电源模块	直流19-72V转48V、直流22-40V转19V
码盘	1024线	视觉模块	Intel Realsense D435、深度相机
悬挂	独立悬挂	测温模块	312-Z1E红外热像仪
轮距	456mm	工作温度	-5~45 C
轮直径	165mm	其他传感器	激光雷达×1、防撞条×1、里程计、IMU、直线位移传感器
转弯半径	0 (可原地自转)	机械臂模块	珞石-SR3、用户可自选

Industrial Wheeled Robot

AI Empowers Industry

Omnidirectional 4-wheel chassis with 360° in-place rotation. Integrated autonomous navigation & AI detection, it delivers 24/7 unmanned inspection, all-in-one monitoring, security and environment detection for diverse industrial scenarios.



Multimodal AI Detection



Auto Patrol



Auto Charging



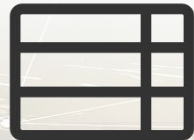
monitoring



High Alert Mode



Fire Alarm



Report Mgmt



Data Storage



System Link



Security Alarm



Offline Deployment

Agricultural Wheeled Inspection Robot

AI Empowers Agriculture

Wheeled omnidirectional agricultural inspection robot integrated with navigation, sensing, AI detection and data management for 24/7 autonomous patrol, pest monitoring and security alert.



Multimodal AI Detection Auto Patrol



Auto Charging



monitoring



High Alert Mode



Voice Chat



Report Mgmt



Data Storage



System Link



Security Alarm



Offline Deployment

Wheeled livestock inspection robot

AI Empowers Animal Husbandry

Wheeled livestock inspection robot with navigation, sensing, AI detection & farm data management for livestock, environment and security monitoring.



Multimodal AI
Detection



Auto Patrol



Auto Charging



monitoring



High Alert Mode



Mapping &
Waypointing



Report
Mgmt



Data
Storage



System Link



Security
Alarm



Offline
Deployment

Crawler-type Agricultural Inspection Robot

AI Empowers Agriculture

Wheeled Inspection Robot for Livestock: Autonomous navigation, AI detection & data management. 24/7 unmanned inspection for livestock, environment and security monitoring.



Multimodal AI
Detection



All-terrain
Patrol



Auto Charging monitoring



High Alert Mode



Voice Chat Report Mgmt Data Storage System Link Security Alarm Offline Deployment

Tracked Inspection Robot for Livestock

Deep AI Integration for Animal Husbandry

Smart Tracked Inspection Robot for Animal Husbandry. With navigation, perception, AI detection & data management. 24/7 unmanned inspection for all-round monitoring and digital upgrade.



Multimodal AI
Detection



All-terrain
Patrol



Auto Charging



monitoring



High Alert
Mode



Mapping &
Waypointing



Report
Mgmt



Data
Storage



System Link



Security
Alarm



Offline
Deployment

Industrial Tracked Inspection Robot

AI for Industrial Innovation

Tracked smart inspection robot for complex scenarios. It integrates navigation, perception, AI detection and data management for 24/7 unmanned inspection, with monitoring, warning and report functions.



Multimodal AI
Detection



Auto Patrol



Auto Charging monitoring



High Alert
Mode



Fire Alarm



Report Mgmt



Data Storage System



Link Security Alarm



Offline Deployment

Pest Monitoring Robot

AI Smart pest monitor with IoT, AI & biosensing. 24/7 pest forecasting, compact for all farm environments.



Core Modules

- 1:Pest Identification
- 2:Environment Monitoring
- 3:Cruise Monitoring
- 4:Cloud Data Analysis
- 5:Intelligent Warning

指标名称	技术参数	核心特点
驱动方式	四轮四驱+独立弹簧悬挂	缓冲震动，适配田间颠簸路面
行走动力	8寸双出轴轮毂电机×4；雷赛 ISV2CAN6040伺服电机×4+AD6010高精度减速机×4	转速/转向精准，输出扭矩大
运动模式	直行、横移、斜移、原地旋转	零转弯半径，狭窄环境灵活作业
行驶速度	直线：-0.8~0.8 m/s；旋转：-1~1 rad/s	低速稳定，双向行驶可调
地形适应能力	最大爬坡35°，最大越障50mm	适配坡地、田埂、土块/垄沟障碍
尺寸与重量	外形660×642×686mm；自重75kg；额定载重70kg	结构紧凑，轻量化，负载能力强
轮距	400mm	行驶稳定，不易侧倾
电池规格	36V、26Ah锂离子电池；尺寸 400×140×65mm	能量密度高，循环寿命长，易安装更换
续航能力	空载≥16h，满载≥12h	满足大田单日全天候作业需求
充电配置	36V、10A专用快充，充满≤2.5h	充电效率高，停机等待时间短
电源转换	17~58V转12V6A；36V转19V5A	双路隔离供电，分别供给传感器/工控机
工作环境	温度 -5℃~45℃，存储温度 -20℃~60℃	适配春夏季田间宽温域作业
保护功能	过充、过放、过流、短路四重保护	提升电气使用安全性
工控主机	R7 5800U，8G+128G	高性能，支持算法运行与数据存储
感知传感器	速腾聚创16线激光雷达+奥比中光 DaBaiMax深度相机+JY61P 6轴IMU	360°全城扫描，采集深度/姿态信息
定位与避障	定位精度±5cm，避障响应时间≤0.2s	点位到达准确，障碍物规避迅速
操控模式	FSI6S遥控器 + A8S接收机；自动/手动双模式	手动紧急介入，信号稳定
人机交互	2.8寸显示屏+急停+自锁开关	状态实时显示，紧急断电保护
通信接口	WIFI、USB、CAN、四芯航插	支持数据上传、扩展与二次开发
诱虫方式	紫外+可见光复合光谱诱虫，光控+时控自动开启	广谱诱集夜行性害虫，节能高效
虫体收集	封闭式防逃逸接虫箱，虫体收集率≥95%	单向通道，减少测报误差
智能识别	AI视觉深度学习识别，识别率≥90%，计数误差≤5%	自动区分害虫种类，数据精准
作业模式	自动巡航+定点测报	全田覆盖/重点监测灵活切换
数据传输	WIFI、4G无线传输	实时上传图像、数量、位置等数据
防护等级	IP54（防尘、防露水、轻度喷水）	满足基本防护需求
连续工作时间	满载状态≥12h	工作时长
平均无故障时间	≥300h	系统可靠性高，维护频次低
抗振动能力	10~2000Hz，1g	适配田间颠簸，元器件不易松动

Pest Detection Robot

Smart pest forecaster with mobile chassis, long-lasting power, multi-sensor and AI. It enables unattended pest monitoring, counting and data upload, operating round the clock for precision plant protection.



Core Modules

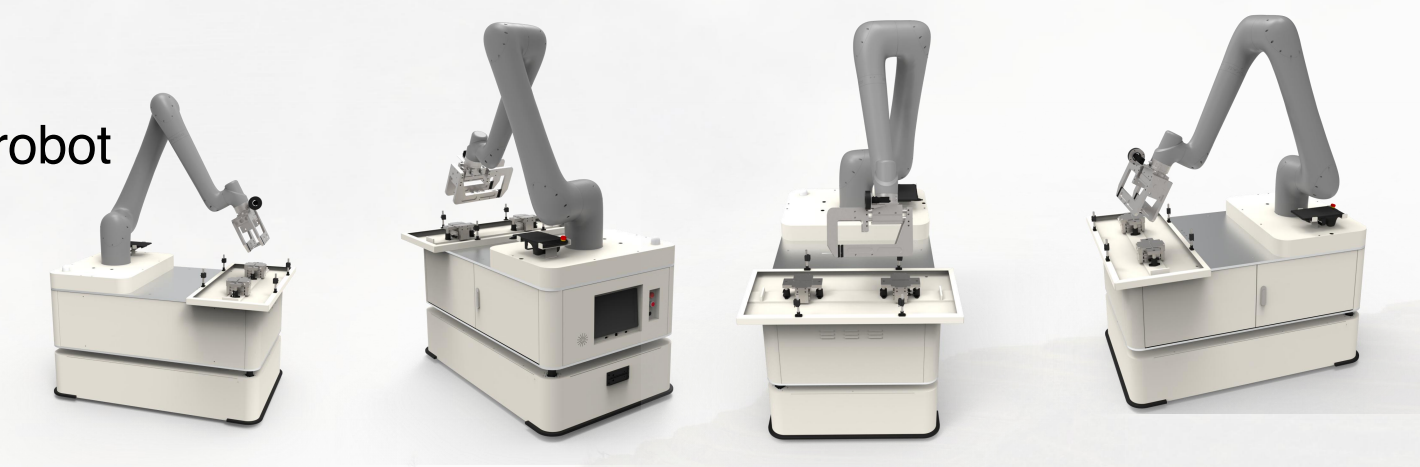
Pest Identification
Environment Monitoring
Cruise Monitoring
Cloud Data Analysis
Intelligent Warning
Omnidirectional & terrain
adaptive

指标名称	技术参数	核心特点
驱动方式	履带+弹簧悬挂	缓冲震动，适配田间颠簸路面
运动模式	直行、原地旋转，零转弯半径	零转弯半径，狭窄环境灵活作业
行驶速度	直线：-0.8~0.8 m/s；旋转：-1~1 rad/s	低速稳定，双向行驶可调
地形适应能力	最大爬坡20°，最大越障50mm	适配坡地、田埂、土块/垄沟障碍
尺寸与重量	长820mm宽660mm高900mm；自重75kg；额定载重70kg	结构紧凑，轻量化，负载能力强
电池规格	36V、26Ah锂离子电池；尺寸 400×140×65mm	能量密度高，循环寿命长，易安装更换
续航能力	空载≥16h，满载≥12h	满足大田单日全天候作业需求
充电配置	36V、10A专用快充，充满≤2.5h	充电效率高，停机等待时间短
电源转换	17-58V转12V6A；36V转19V5A	双路隔离供电，分别供给传感器/工控机
工作环境	温度-5℃~45℃，存储温度-20℃~60℃	适配春夏季田间宽温域作业
保护功能	过充、过放、过流、短路四重保护	提升电气使用安全性
工控主机	R7 5800U，8G+128G	高性能，支持算法运行与数据存储
感知传感器	速腾聚创16线激光雷达+奥比中光 DaBaiMax深度相机+JY61P 6轴IMU	360°全域扫描，采集深度/姿态信息
定位与避障	定位精度±5cm，避障响应时间≤0.2s	点位到达准确，障碍物规避迅速
操控模式	FSI6S遥控器 + A8S接收机；自动/手动双模式	手动紧急介入，信号稳定
人机交互	2.8寸显示屏+急停+自锁开关	状态实时显示，紧急断电保护
通信接口	WIFI、USB、CAN、四芯航插	支持数据上传、扩展与二次开发
诱虫方式	紫外+可见光复合光谱诱虫，光控+时控自动开启	广谱诱集夜行性害虫，节能高效
虫体收集	封闭式防逃逸接虫箱，虫体收集率≥95%	单向通道，减少测报误差
智能识别	AI视觉深度学习识别，识别率≥90%，计数误差≤5%	自动区分害虫种类，数据精准
作业模式	自动巡航+定点测报	全田覆盖/重点监测灵活切换
数据传输	WIFI、4G无线传输	实时上传图像、数量、位置等数据
防护等级	IP54（防尘、防露水、轻度喷水）	满足基本防护需求
连续工作时间	满载状态≥12h	工作时间长
平均无故障时间	≥300h	系统可靠性高，维护频次低
抗振动能力	10~2000Hz，1g	适配田间颠簸，元器件不易松动
电磁兼容性	10~2000Hz，1g	适配田间颠簸，元器件不易松动

Growth Engine Products

Core Products

Diagonal steering wheel composite robot



参数类别	具体描述	参数数量	单位
结构与尺寸	驱动结构	对角舵轮结构	
	机身长度	1.5	m
	机身宽度	0.9	m
自身重量	净重	400	kg
机械臂性能	末端负载	20	kg
	抓取精度	0.1	mm
移动性能	最大移动速度	1	m/s
续航与充电	充电时间	4	h
	续航时间	8	h

Growth Engine Products

Factory Lifting Inspection Robot



功能简介



电动升降云台系统

升降杆可将传感器升至最高 1.7 米高度，轻松覆盖厂房内高处设备（如配电柜、管道），无死角巡检。



多光谱相机+多传感器融合监测

搭载多光谱相机 + 红外热成像双模组，可同时实现视频监控、温度检测、仪表读数识别、指示灯状态判断等功能。



全自主导航

采用激光雷达 + 视觉 SLAM 导航，支持预设路线自动巡检，避障精度可达 $\pm 10\text{mm}$ ，适应工厂复杂地面环境。



自研巡检算法赋能全域高效巡检

搭载自主研发的智能巡检算法系统，机器人可轻松适配农业、工业、园区多类巡检需求。



AI 智能分析与预警提醒

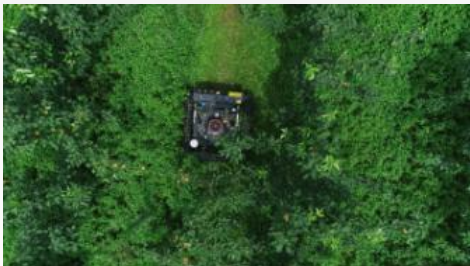
内置边缘计算单元，可在本地实时运行 AI 算法，实现仪表读数自动识别、开关状态判断、火焰烟雾检测、人员闯入预警等功能。

技术参数

类别	参数详情
运动性能	双轮差速驱动，最大速度 1.5m/s；原地 360° 旋转；爬坡能力 $\leq 10^\circ$ ；越障高度 20mm
升降系统	最大升降高度 1.7m；升降速度 $\geq 0.1\text{m/s}$ ；碳纤维材质升降杆，轻便且强度高
感知配置	4K 可见光摄像头 + 红外热像仪（测温范围 $-20^\circ\text{C} \sim 550^\circ\text{C}$ ）；多线激光雷达避障
续航能力	60Ah 锂电池，续航时间 ≥ 4 小时；支持自动回充 + 手动充电双模式
物理规格	尺寸约 521*542*1206.5~1726.5mm；重量 50KG；防护等级 Ip54
AI 能力	集成机器视觉算法，可识别仪表读数、开关状态、火焰 / 烟雾等异常事件并自动报警

Core Products

L-C60 Weeding Robot



机器参数

指标	参数	指标	参数
动力形式	油电混合	行走速度	0-4km/h
发动机	中国隆鑫	爬坡角度	60°
马力	6	最大功率	9PS
缸数	单缸	割台升降高度	1-18cm
工作效率	1200m ² /h	割草宽度	0.6m
油耗	0.5L/h	留茬高度	2-10cm
燃油类型	汽油	整车尺寸	95×93×58cm
油箱容量	1.5L	整机重量	140kg
控制方式	2.4G 遥控器	遥控距离	200m

Core Products

L-C80 Weeding Robot



机器参数

指标	参数	指标	参数
动力形式	油电混合	行走速度	0-6km/h
发动机	中国隆鑫	爬坡角度	60°
马力	15.6	最大功率	22PS
缸数	单缸	割台升降高度	1-20cm
工作效率	2500m²/h	割草宽度	0.8m
油耗	2.5L/h	留茬高度	2-10cm
燃油类型	汽油	整车尺寸	135×120×63cm
油箱容量	6.5L	整机重量	305kg
控制方式	2.4G 遥控器	遥控距离	200m

Growth Engine Products

Embodied AI Fruit-Picking Robot

Key Features

98%+ fruit recognition accuracy in complex environments
Flexible force-controlled robotic arm (5–20N gripping force)
<1% fruit damage rate
Autonomous navigation & path planning
3–5× higher efficiency than manual harvesting

Strategic Significance:

Seize tech advantages

boost industrail synergy

safeguard food security

resolve industry pains



Spraying Robot



Tracked RC spray robot: all-terrain passable, even air-assisted spray.
Labor-saving & high-efficiency for smart farming.

Strategic Significance

- Seize tech advantages
- boost industrial synergy
- safeguard food security
- resolve industry pains

指标	参数
遥控距离	≥125米
行走速度	高速挡84m/min.低速挡55m/min
整机质量	190公斤
药桶容积	120公斤
发动机品牌	重庆隆鑫发动机
马力	5.45马力
喷幅高度、宽度	高5米、宽12米

Vision Product

Embodied AI Harvesting Robot

R&D Focus

Embodied AI Harvesting – AI vision, force sensing, flexible robotic arm, and autonomous navigation.

Core Capabilities – Crop recognition, precise localization, gentle picking, and damage-free harvesting.

Target Crops – Citrus, strawberry, grape, apple, kiwifruit, dragon fruit, coffee, raspberry, cucumber, tomato, eggplant, and more.



Strategic Significance :

Seize tech advantages

boost industrial synergy

safeguard food security

resolve industry pain points

Vision Product

Deep-sea Diving Robot

Cooperating with Hainan University and Hainan Deep Sea Institute, we develop products for extreme environments.

Equipped with AI, multi-modal perception, long endurance and long-distance communication, it supports cluster operation for deep-sea exploration, resource development, rescue and inspection.

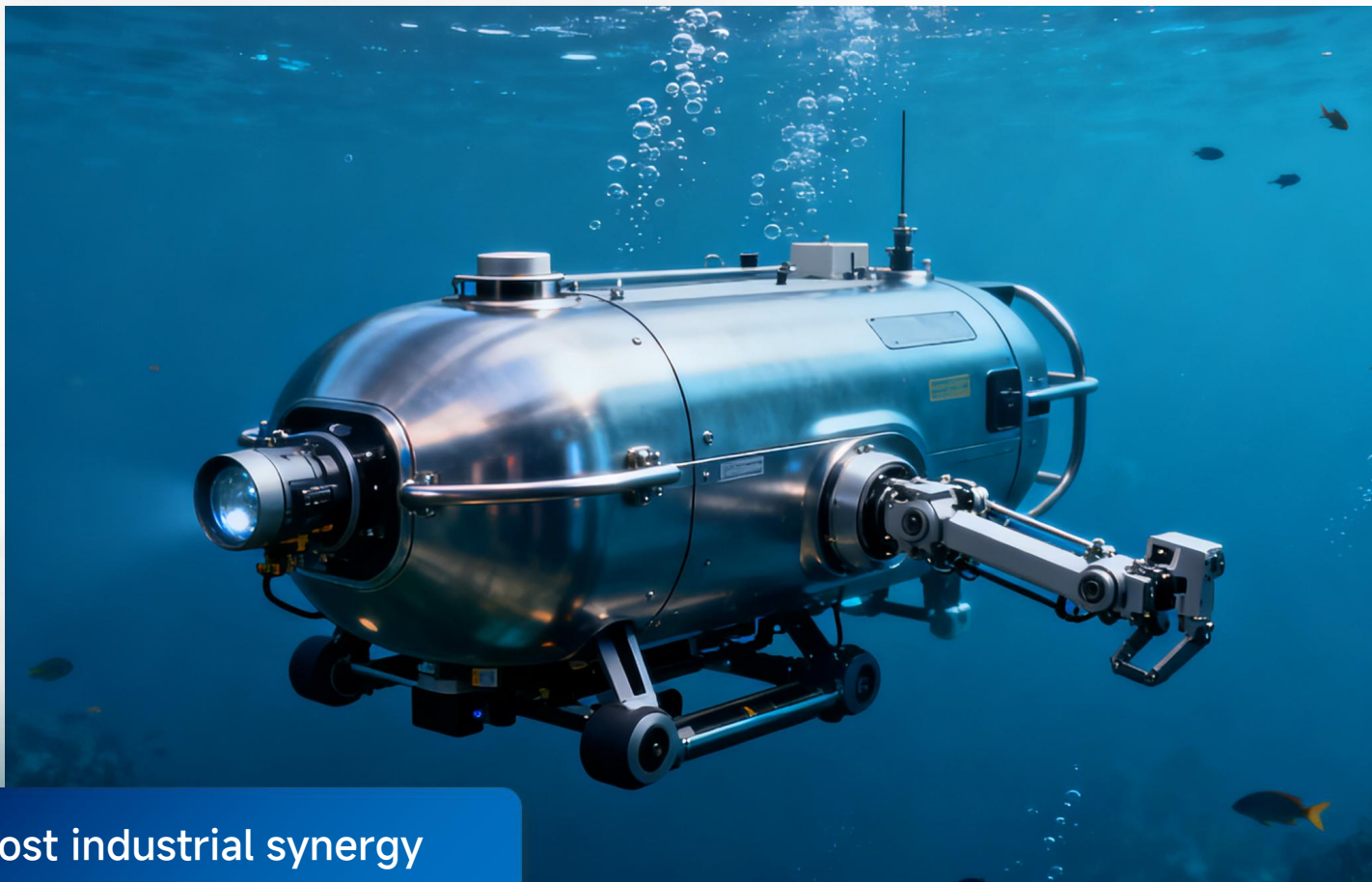
Strategic Significance :

Seize tech advantages

safeguard food security

boost industrial synergy

resolve industry pain points



Vision Product

Rubber Tapping Robot

Jointly developed with Hainan State Farms Group and approved by provincial project. Featuring intelligent operation, autonomous navigation and data management for efficient, tree-friendly unmanned rubber tapping.

Strategic Significance :

Seize tech advantages

safeguard food security

boost industrial synergy

resolve industry pain points



Vision Product

Fruit Bagging Robot

Universal fruit bagging robot for orchards and vegetable gardens.

**It cuts costs and raises efficiency.
Simple and practical, it works for various fruits and is easy to use.**

Strategic Significance:

Seize tech advantages

boost industrial synergy

safeguard food security

resolve industry pain points



Vision Product

Flexible Robot

Core Positioning

Compact, flexible and low-cost embodied robot for greenhouse crops. Performs picking, pruning and flower/fruit thinning. Suitable for small farms, one operator controls multiple units.

Core Configuration (Embodied Intelligence + Dexterous Hand) Lightweight embodied intelligence engine, Three-finger flexible dexterous hand, Mini tracked chassis.

Strategic Significance:

Seize tech advantages

boost industrial synergy

safeguard food security

resolve industry pain points



Application Scenarios



Inspection Robot for National Apple Orchard



Zizhong Blood Orange Park Spraying Robot



Jingdezhen Pepper Park Inspection Robot



Beidahuang Inspection Robot



Xindu Rice-Vegetable Park Inspection Robot



Shandong Academy of Agricultural Sciences Picking Robot



Zitong Pest Monitoring Robot

➤ 示范应用

已经在**山东省农业科学院**，**资中血橙国家级农业产业园**、**康定鱼通国家级苹果园**、**江西景德镇辣椒现代产业园**、**北大荒集团**等国内多家机构**进行实际应用**，**产生实际经济效益**，并得到市场认可。

在四川本地打造的智慧农业示范项目，已成为可参观、可复制、可推广的样板工程。为其他地区发展智慧农业提供了成功范例

➤ 国际市场

在**2025年世界机器人大会**上，智慧农业机器人系统已获取覆盖巡检、除草、采摘等多场景的国际意向订单。**产品得到了国际市场的认可**，商业拓展取得显著成效。

Activities and Awards



Coffee Harvesting Research Led by Prof. Li Zhan



CCTV-17 National AI Entrepreneurship Competition – 2nd Place



2025 Sichuan AI+ Innovation Roadshow



Ministry of Agriculture AI Entrepreneurship Competition – 3rd Place

2.10-社会关注度



Visited by SASAC Chairman Zhang Yuzhuo & MITT Vice Minister Xu Xiaolan



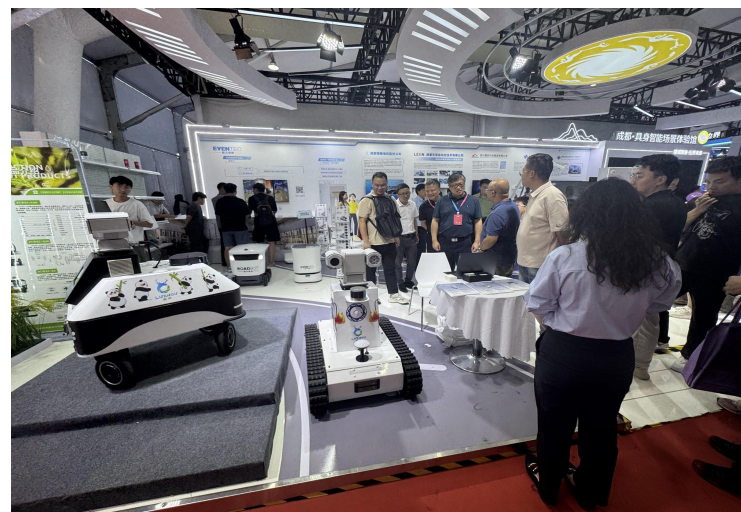
Visited by Sichuan S&T Director Lu Songming



Visited by Sichuan Economy & IT Vice Director Jing Maoming



11th Sichuan Agricultural Expo



2025 World Robot Conference



20th Western China International Fair

Scene Support

One Center, Three Bases

One Center

R&D Center

Position: Leading Agri-Robotics R&D Center in Southwest China

Facilities: AI, Mechanical & Electrical Labs | 30–50 R&D Engineers

Investment: 20–30% of Annual Revenue | Joint Lab with Southwest Jiaotong University

Three Bases

Testing & Application Bases

Juntun Test Base (10,000 m²): Field, Greenhouse & Hilly Terrain Testing

Zhongjiang Citrus Base (500 acres): Orchard Pilot & Demonstration

Pengshan Grape Base (300 acres): Protected Agriculture Validation

Value: Closed-Loop Innovation: R&D → Testing → Real-World Deployment

Scene Support

One Center, Three Bases

Customized Solutions

Based on data from three application bases, we deliver tailored packages for diverse crops and clients, including integrated robot & management systems and linked inspection & irrigation solution

Scenario-based Training

Regular on-site training at three bases plus video guides & manuals for equipment operation and maintenance.

Data Value-added Services

We generate planting reports from crop & environmental data, offering irrigation and pest control suggestions via integrated device & data services.

Media Coverage



央视网



(央视专访)



CCTV13-新闻频道



[新闻直播间] 科技赋能
好“丰”景 四川成都 AI驱动
精准种田 解锁农业“智”管
新范式

简介 >

CCTV-13 (Sep. 7, 2025)

Featured our AI-powered smart
agriculture solutions.

媒体宣传



四川邛崃



(直播现场)



四川邛崃 | 巡检机器人“上岗” 破解水稻田间管护效率难题

央视新闻 正直播



四川邛崃 | “智慧大脑” 赋能 实现多作物精准种植与风险预警



**CCTV News — Featured our
AI-driven agricultural robotics.**

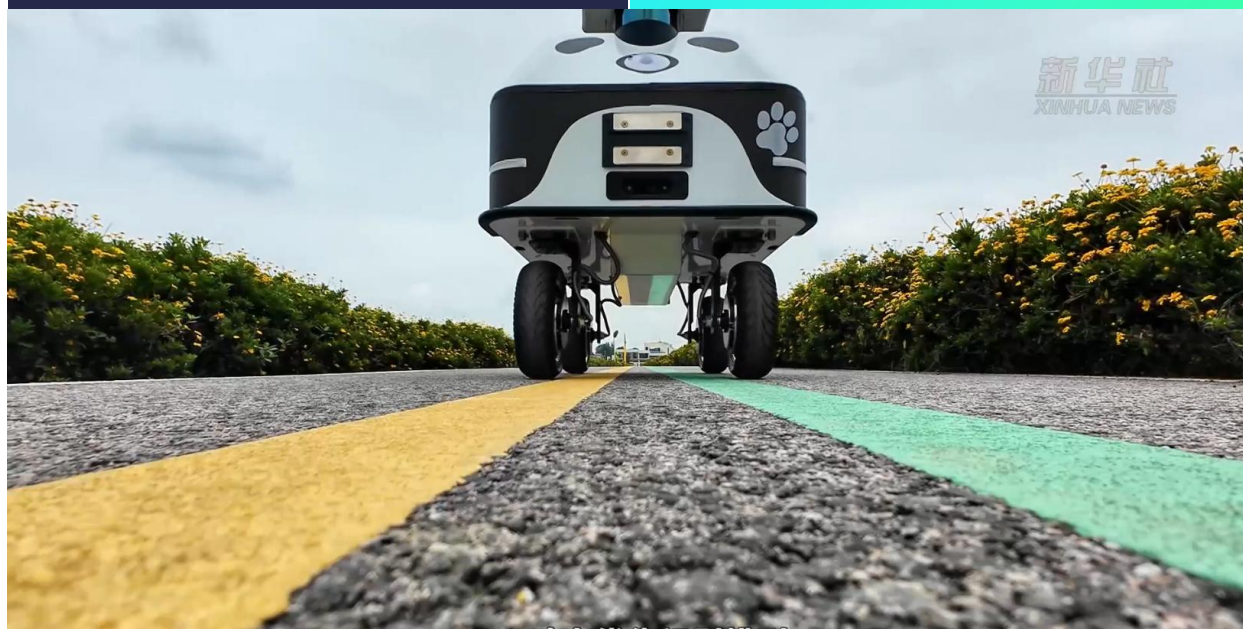
媒体宣传



成都农博会



(责任编辑:蔡霏霜)



新华社报道



Xinhua News Agency

Highlighted our innovation in smart agriculture.

媒体宣传



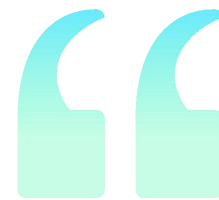
北京机器人大会



(央视采访)



CCTV17-军事农村频道



CCTV-17 (Aug. 12, 2025)

**Showcased our agricultural
robotics applications.**

媒体宣传



成都农博会



(责任编辑:蔡霏霜)

新华网 NEWS 首页 国社看四川 双城记 金字招牌 文旅四川 新声驿站 乡村振兴 熊猫社区 乡村新青年

要闻 领导 看点 人事 廉政 体育 财经 微视 交通 生态 成都 广安 自贡 德阳 广元 遂宁 乐山 达州 凉山 雅安 宜宾 成都高新 成都双流

新华网四川 > 信息 > 正文

— 2025 —

09/05

11:22:37

“新都27”亮相第十一届成都农博会

字体: 小 中 大 分享到: 微信 微博 抖音

9月4日,第十一届成都国际都市现代农业博览会在成都世纪城新国际会展中心正式拉开帷幕。本届农博会上,新都馆以“新都27 chill在这里”为主题亮相现场。



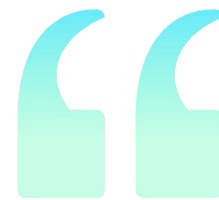
https://www.news.cn

新华网报道

农业机器人“组团”亮相

智慧农业展区中,新都绿控农业服务公司带来的三款农业机器人——轮式、履带式 and 山地巡检机器人,成为展会科技亮点。它们具备作物监测、气象感知、安防报警、语音交互与自主巡逻等功能,能够适应平地、泥泞、坡地、山地等多种环境,实现全天候无人化作业。技术负责人刘佳介绍:“这批机器人不仅有效缓解农业劳动力短缺问题,更通过数据驱动为生产决策提供支持。目前已落地川内多个示范基地,未来将推广至西南丘陵区。”

据悉,新都区近年来大力推动数字农业建设,支持企业研发升级智能农机装备,此次展出的机器人正是新都智慧农业建设成果的缩影。



Xinhuanet (Sep. 5, 2025)

Featured our contribution to digital agriculture.



愿景展望

—— • 智能重塑农业未来 • ——



Our Vision

Deploy Intelligent Robots Across Every
Farmland;

Empower Agriculture Through Automation,
Intelligence and Data.



Core Technologies

Core Technologies

- ✓ AI Vision Recognition
- ✓ Deep Learning
- ✓ Autonomous Navigation
- ✓ LiDAR SLAM
- ✓ Multi-Sensor Fusion
- ✓ Digital Twin Agriculture
- ✓ Cloud Management Platform

