

PRODUCT INTRODUCTION

产品介绍

产品—智能农业

智能采摘机器人

Intelligent Harvesting Robot



指标/Index	
覆盖范围 Coverage area	1500mm
最高工作效率 Max efficiency	3s/pcs
采摘准确率 Precision rate	90%
识别成功率 Recognition rate	≥ 95%
果实损伤率 Fruit damage rate	≤ 5%
适用坡度 Applicable slope range	0-15°
类型 Type	锂电池 Lithium battery
电压 Voltage	48V
尺寸 Dimension	1139x754x2081mm
自重 Dead weight	120Kg

在大田/温室/果园等应用场景下, 利用多种传感器对农作物和周围环境进行感知和分析, 实现高速实时传输数据, 无缝驱动机械臂, 可广泛应用于解决多种蔬果采摘需求。

In field / greenhouse / orchard and other application scenarios, a variety of sensors are used to perceive and analyze crops and the surrounding environment, realizing high-speed real-time data transmission, and smooth manipulator driving, which can be widely used to meet the needs of a variety of fruits and vegetables picking.

MUTIPLE FUNCTION

多种功能拓展



- 智能分选**
Intelligent Sorting
高速动态条件下的精准分级
Accurate classification under high-speed dynamic conditions
- 精准打药**
Accurate Dosing
精准打药不压苗、喷洒均匀、定时定量
Accurate spraying without hurting the crops and with even spraying according to certain time and quantitative
- 水果套袋**
Fruit Bagging
改善外观品质和减少农药残留
Enhance appearance of fruit and reduce pesticide residues
- 资产盘点**
Asset Inventory
产量估计、生长信息监测
Yield estimation and growth information monitoring
- 精准除草**
Precise Weeding
减少燃料成本和灌溉需求
Lower fuel cost and irrigation volume
- 疏花疏果**
Thinning Flower&Fruit
科学合理提升水果品质
Scientific and reasonable improvement of fruit quality
- 精准授粉**
Precise Pollination
精准定位花朵位置并对靶授粉, 确保授粉成功
Precise location of flowers and target the place to pollinate successfully