



LANNE INDUSTRIAL & AGRICULTURAL DRONES

PRODUCT MANUAL



+33 6 17 03 03 08



ID WeChat : albertlannkin

www.lanne-iad.com

目录

CATALOGUE

一、 企业介绍 COMPANY PROFILE	1
二、 企业资质 ENTERPRISE QUALIFICATION	2
三、 产品介绍 PRODUCT PRESENTATION	3
1. P.3 COMPACT MULTI-PURPOSE INSPECTION DRONE	3
2. P.4 10 KG MULTIPURPOSE SURVEILLANCE & RESCUE DRONE	4
3. P.6 50 KG HEAVY TRANSPORT DRONE	5
4. P.1 PROFESSIONAL AGRICULTURAL SPRAY DRONE 30L	6
5. P.2 50L LARGE CAPACITY TREATMENT DRONE	7
6. P.5 LONG-RANGE AERODYNAMIC INSPECTION DRONE	8

一、企业介绍 Company Profile

Lanne Industrial & Agricultural Drones is a technology-driven enterprise specializing in the research, development, production, and application of unmanned aerial systems. The company focuses on delivering high-performance UAV solutions tailored for industrial inspection, agricultural operations, emergency response, and environmental monitoring.

The company's core product, the **P.5 LONG-RANGE AERODYNAMIC INSPECTION DRONE**, is widely recognized for its advanced aerodynamic design, long endurance, and stable flight performance. It is extensively applied in fields such as land surveying, infrastructure inspection, environmental monitoring, agricultural assessment, and emergency reconnaissance, earning strong recognition from clients across multiple industries.

With solid technical strength and extensive industry experience, Lanne Industrial & Agricultural Drones provides comprehensive UAV services covering data acquisition, aerial inspection, precision agriculture, and intelligent analysis. The company continuously expands application scenarios for the P.5 LONG-RANGE AERODYNAMIC INSPECTION DRONE, supporting efficient, safe, and intelligent operations for industrial and agricultural users.

Lanne adheres to a development philosophy centered on technological innovation and quality-driven growth. The company places strong emphasis on independent research and intellectual property development, continuously optimizing product performance and system integration to meet evolving market demands.

Currently, Lanne Industrial & Agricultural Drones holds multiple proprietary technologies and software copyrights. Through sustained innovation and engineering refinement, the company remains committed to advancing UAV technology and promoting the intelligent transformation of industrial and agricultural operations.



三、产品介绍 Product Presentation

1. P.3 COMPACT MULTI-PURPOSE INSPECTION DRONE



产品名称 Product Name	P.3 COMPACT MULTI-PURPOSE INSPECTION DRONE	
产品介绍 Product Introduction	<p>P.3 多功能行业应用无人机, 该机型可适配多种挂载, 如航测相机、光电吊舱、探照灯、喊话器、投放器等, 该机型拥有厘米级定位、雷达避障, 有效续航 50 分钟。</p> <p>P.3 multi-functional industry application UAV, this model can be adapted to a variety of mounts, such as aerial survey cameras, photoelectric pods, searchlights, shouters, throwers, etc., this model has centimeter-level positioning, radar obstacle avoidance, and effective battery life of 50 minutes.</p>	
产品参数 Product Parameters	展开尺寸(Unfolded dimensions):	710*710*500mm
	折叠尺寸(Folded dimensions):	345*435*500mm
	轴距(Wheelbase):	900mm
	载荷重量(Load weight):	3~5kg
	最大起飞重量(Maximum take-off weight):	11kg
	最大抗风等级(Maximum wind resistance level):	6 级(level 6)
	续航时间(Endurance time):	20min@5kg(20 minutes @ 5kg) 50min@空载(50 minutes @ no load)
	控制半径(Control radius):	8km
应用领域 Application Area	航空测绘、电力巡检、森林防火、国土勘察、大气监测等 Aerial surveying and mapping, power inspection, forest fire prevention, land survey, atmospheric monitoring, etc	

2. P.4 10 KG MULTIPURPOSE SURVEILLANCE & RESCUE DRONE



产品名称 Product Name	P.4 10 KG MULTIPURPOSE SURVEILLANCE & RESCUE DRONE	
产品介绍 Product Introduction	<p>P.4 多功能行业应用无人机，有效续航 40 分钟，有效载荷 10KG，可广泛应用于城乡治理、公共安全、航空测绘、监测巡查、应急救援、文物保护等领域。</p> <p>P.4 multi-functional industry application UAV, with an effective battery life of 40 minutes and a payload of 10KG, can be widely used in urban and rural governance, public safety, aerial surveying and mapping, monitoring and inspection, emergency rescue, cultural relics protection and other fields.</p>	
产品参数 Product Parameters	展开尺寸(Unfolded dimensions):	1100*1100*600mm
	折叠尺寸(Folded dimensions):	620*620*600mm
	轴距(Wheelbase):	1400mm
	最大载荷重量(Maximum load):	10kg
	最大起飞重量(Maximum take-off weight):	32kg
	抗风等级(Wind resistance level):	6 级(level 6)
	续航时间(Endurance time):	30min@10kg(30 minutes @10kg) 80min@空载(80 minutes @no load)
应用领域 Application Area	航空测绘、电力巡检、森林防火、国土勘察、大气监测等 Aerial surveying and mapping, power inspection, forest fire prevention, land survey, atmospheric monitoring, etc	

3. P.6 50 KG HEAVY TRANSPORT DRONE



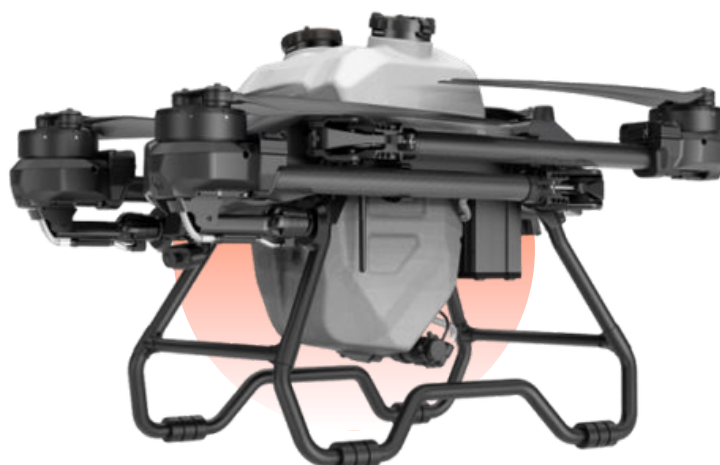
产品名称 Product Name	IP.6 50 KG HEAVY TRANSPORT DRONE	
产品介绍 Product Introduction	<p>p.6 多功能大载重飞行平台，该机型有效载荷 50KG，可续航 45 分钟，适配多任务载荷，可广泛地应用于森林消防、应急救援、物资运输等领域。</p> <p>p.6 multi-functional large-payload flight platform, this model has a payload of 50KG, can last for 45 minutes, is suitable for multi-task load, and can be widely used in forest firefighting, emergency rescue, material transportation and other fields.</p>	
产品参数 Product Parameters	机型(Drone type):	四旋翼无人机(Quadcopter drone)
	轴距(Wheelbase):	2420mm
	标准载荷(Standard load):	50kg
	标准起飞重量(Standard take-off weight):	110kg
	续航时间(Endurance time):	60min@空载(60 minutes @no load) 40min@30kg(40 minutes @30kg) 15min@50kg(15 minutes @50kg)
	最大飞行速度(Maximum flight speed):	15m/s
	标准作业半径(Standard operating radius):	8km
	最大工作海拔(Maximum working altitude):	4000m
	抗风能力(Wind resistance):	6 级(Level 6)
应用领域 Application Area	<p>主要适用于短途物流，物资吊运，应急救援，及森林灭火等场合</p> <p>It is mainly suitable for short-distance logistics, material lifting, emergency rescue, and forest fire extinguishing</p>	

4. P.1 PROFESSIONAL AGRICULTURAL SPRAY DRONE 30L



产品名称 Product Name	P.1 PROFESSIONAL AGRICULTURAL SPRAY DRONE 30L	
产品介绍 Product Introduction	<p>P.1 款农业无人飞机，具有 30 公斤载重喷洒、50L 载重播撒，全新设计离心喷头系统，喷幅：6-10M，简单多样的操控方式，助力全场景作业，高效地提高农业生产的效率</p> <p>The P.1 agricultural drone is capable of carrying a load of 30 kilograms for spraying and 50 liters for distribution. It features a newly designed centrifugal nozzle system with a spraying width of 6-10 meters, and offers a simple yet versatile control method that facilitates operations in all scenarios, thereby significantly enhancing the efficiency of agricultural production.</p>	
产品参数 Product Parameters	对角轴距(Diagonal wheelbase):	2000mm
	展开尺寸(Unfolded dimensions):	1710*1453*700mm
	折叠尺寸(Folded dimensions):	603*1120*700mm
	整机重量(Total machine weight):	30 kg 不含电池(excluding battery)
	药箱容量(Medicine cabinet capacity):	30L
	播撒箱容量(Broadcasting box capacity):	50L
	喷洒流量(Spray flow rate):	12L/min
	有效喷幅(Effective spray width):	6~10m
	最大起飞重量(Maximum takeoff weight):	68kg
	空载飞行(Unloaded flight duration):	15min
	满载飞行(Full load flight duration):	8min
	电池容量(Battery capacity):	30000mAh
	材质(Material):	碳纤维/尼龙纤维/铝合金(Carbon Fiber/Nylon Fiber/Aluminum Alloy)
应用领域 Application Area	<p>广泛应用于水稻、蔬菜、玉米、棉花、小麦、果树等农作物及林业病虫害防治和营养服务</p> <p>It is widely used in rice, vegetables, corn, cotton, wheat, fruit trees and other crops and forestry pest control and nutrition services</p>	

5. P.2 50L LARGE CAPACITY TREATMENT DRONE



产品名称 Product Name	P.2 50L LARGE CAPACITY TREATMENT DRONE	
产品介绍 Product Introduction	<p>P.2 款农业无人飞机，具有 50 公斤载重喷洒、80L 载重播撒，全新设计离心喷头系统，喷幅：6-10M，简单多样的操控方式，助力全场景作业，高效地提高农业生产的效率</p> <p>The P.2 agricultural drone is capable of carrying a load of 50 kilograms for spraying and 80 liters for distribution. It features a newly designed centrifugal nozzle system with a spraying width of 6-10 meters, and offers a simple yet versatile control method that facilitates operations in all scenarios, thereby significantly enhancing the efficiency of agricultural production.</p>	
产品参数 Product Parameters	对角轴距(Diagonal wheelbase):	2300mm
	折叠尺寸(Folded dimensions):	1950*1720*815mm
	展开尺寸(Unfolded dimensions):	635*1340*815mm
	产品重量(Product weight):	35kg 不含电池(without battery)
	药箱容量(Medicine cabinet capacity):	50L
	最大起飞重量(Maximum take-off weight):	99kg
	最大飞行速度(Maximum flight speed):	5~10m/s
	喷洒流量(Spray flow):	12L/min
	有效喷幅(Effective spray width):	6~10m
	喷洒方式(Spraying method):	离心喷雾(centrifugal spray)
	有效控制距离(Effective control distance):	3km
	工作温度(Working temperature):	-10~40℃
	电池容量(Battery capacity):	18s 30000mAh
	空载飞行时间(No-load flight time):	18/min
负载飞行时间(Load flight time):	7/min	
应用领域 Application Area	<p>广泛应用于水稻、蔬菜、玉米、棉花、小麦、果树等农作物及林业病虫害防治和营养服务</p> <p>It is widely used in rice, vegetables, corn, cotton, wheat, fruit trees and other crops and forestry pest control and nutrition services</p>	

6. P.5 LONG-RANGE AERODYNAMIC INSPECTION DRONE



产品名称 Product Name	P.5 LONG-RANGE AERODYNAMIC INSPECTION DRONE	
产品介绍 Product Introduction	<p>产品机身使用 EPO 发泡材料和航空铝件，外型设计上符合空气动力学原理，气动效率高，操作灵活。</p> <p>The fuselage of the product is made of EPO foam material and aviation aluminum parts, and the appearance design conforms to the aerodynamic principle, with high aerodynamic efficiency and flexible operation.</p>	
产品参数 Product Parameters	翼展(Wingspan):	1200mm
	机长(Length):	896mm
	最大速度(Maximum speed):	110km/h
	最大起飞重量(Maximum take-off weight):	1.8kg
	电池(Battery):	4S 3300-5300mah Lipo
	电机(Electrical machinery):	无刷电机 2814 KV1100 brushless electric machine
	螺旋桨(Propeller):	10x5e
	电调(ESC electronic speed controller):	50A
应用领域 Application Area	<p>舵机(Steering Engine): 9G</p> <p>电力巡检、森林防火、飞行表演、无人机培训等 power inspection, forest fire prevention, flight demonstrations, drone training, etc.</p>	



+33 6 17 03 03 08



ID WeChat : albertlannkin

www.lanne-iad.com