

# SDLANCH INTELLIGENT CO LTD

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# Plant Protection Drone



# COMPANY PROFILE

## SDLANCH INTELLIGENT CO., LTD

Since 2016 and is located on the first floor of an office building in Huangtun Street, Guangan Road, High-tech Zone, Jining City, Shandong Province. It is a high-tech innovative enterprise integrating research and development, production and sales. Up to now, it has set up offices and regional overseas warehouses in the United States, Russia, the United Kingdom, Spain, Australia, South Korea, Saudi Arabia and other places.

The total area of the factory is 105,000 square meters. It has 2 R&D centers, 3 independent factories, 9 standard workshops, and 700 employees with degrees ranging from PhDs to Masters and Bachelors. Among them, there are 100+ senior technicians, 30+ R&D engineers, and 20+ senior engineers. The company holds the "ISO:9001 Quality Management System Certification" and international authoritative third-party certifications such as the US EPA, EU CE, Euro-V, and SGS. The company has over 1,000 SKUs and its products are exported to 170 countries and regions.

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# DRONE

Drones: Intelligent Flying Partners Breaking Scene Boundaries From vast fields to urban heights, from professional creation sites to emergency rescue fronts, drones are redefining how people observe the world and work efficiently as "aerial multitaskers." They are no longer "exclusive tools" of specialized fields, but intelligent devices that balance practicality, ease of use, and fun. They provide ordinary people with a brand-new "God's perspective" experience while offering innovative solutions for cost reduction and efficiency improvement across various industries. Whether you are a creator pursuing ultimate imagery, a practitioner in need of efficient operations, or an ordinary user who loves exploration, drones can expand their flexible functionalities and offer a friendly operational experience, making them "flying partners" that break scene boundaries, allowing the value of aerial perspectives to permeate every corner of life and work.



## PRODUCT FEATURES

01

### HIGH-DEFINITION IMAGE CAPTURE:

Meet the professional needs of short video creation, aerial photography for films, and advertising shooting.

02

### INTELLIGENT FLIGHT SYSTEM:

Real-time perception of surrounding obstacles and automatic detouring to reduce collision risk.

03

### SUPER LONG BATTERY LIFE PORTABLE DESIGN:

Use high energy density lithium batteries to meet the needs of long-term outdoor operations.

04

### MULTI-SCENARIO FEATURE EXPANSION:

Supports the integration of different functional modules to adapt to diverse scenario needs.

05

### LOW THRESHOLD OPERATION SAFETY PROTECTION:

Using an intuitive mobile app control interface, along with modes such as virtual joystick and gesture control

# SDLDB 100P



## TECHNICAL PARAMETERS

SDLDB100P		
Overall size	1725*1755*1075	(mm)
Transportation clearance	1054*834*1120	(mm)
Empty aircraft weight	35	(kg)
Rated load	50	(kg)
Battery specifications	18S 30Ah intelligent battery*2	
Battery weight	13.5	(kg/each)

## Dual-battery endurance

Load	Flight time
0(kg)	30(min)
5(kg)	28(min)
10(kg)	25(min)
20(kg)	23(min)
30(kg)	21(min)
40(kg)	17(min)
50(kg)	14(min)

## PRODUCT DISPLAY



# SDLDB 100P+



## TECHNICAL PARAMETERS

SDLDB100P+		
Overall size	1725*1755*1075	(mm)
Transportation clearance	1054*834*1120	(mm)
Empty aircraft weight	38	(kg)
Rated load	40	(kg)
Battery specifications	18S 70Ah intelligent battery 2	
Battery weight	15	(kg/each)

## Dual-battery endurance

Load	Flight time
0(kg)	1h09min30s
5(kg)	53min46s
10(kg)	48min54s
20(kg)	41min20s
30(kg)	36min48s
40(kg)	30min13s

## PRODUCT DISPLAY



# SDLDJTA A6-10



## TECHNICAL PARAMETERS

SDLDJTA A6-10	
Product size	1260*1440*500mm
Total weight of the entire machine (excluding the battery)	10kg
Standard takeoff weight	26.5kg
Remote control distance	20km(Unobstructed, open environment)
Battery capacity	14S2P(24000mah51.8V) 40 min(14S2P @ 24000 mAh battery & load 5.0kg) 52 min(14S2P @ 24000 mAh battery & load 3.0kg) 60 min(14S2P @ 24000 mAh battery & load 1.0kg)
Flight time	
Maximum flight speed	13.5m/s

## PRODUCT DISPLAY



# SDLDJTI M200T



## TECHNICAL PARAMETERS

SDLDJTI M200T		
Total body length	3400	(mm)
Body width	3400	(mm)
Blockhoehe	630	(mm)
Maximum take-off weight	150	(kg)
Maximum mission payload	100	(kg)
Max-endurance	50	(min)
Maximum flight altitude	500	(m)
Classification of wind resistance	7	(step)

## PRODUCT DISPLAY



# SDLDJTI M32M



## TECHNICAL PARAMETERS

SDLDJTI M32M		
Boundary dimension	2320*2320*630	(mm)
Nominal volume	16	(L)
Overall machine weight (empty, without battery)	13	(kg)
Maximum allowable takeoff weight	36	(kg)
Maximum flight speed	10	(m/s)
Full working hours	15-20	(min)
Every minute of homework	2	(acre)
Spray array	4-6	(m)
Number of nozzles	8	
Maximum working flow	5	(L/min)

## PRODUCT DISPLAY



# SDLDJTI M50S



## TECHNICAL PARAMETERS

SDLDJTI M50S		
Boundary dimension	2250*2020*750	(mm)
Nominal volume	25	(L)
Overall machine weight (empty, without battery)	19	(kg)
Maximum allowable takeoff weight	53	(kg)
Maximum flight speed	10	(m/s)
Full working hours	15-20(Takeoff weight 51kg)	(min)
Every minute of homework	3	(acre)
Spray array	4-8	(m)
Number of nozzles	8	
Maximum working flow	10	(L/min)

## PRODUCT DISPLAY



# SDLDJTI M60Q



## TECHNICAL PARAMETERS

SDLDJTI M60Q		
Boundary dimension	2885*2885*790	(mm)
Nominal volume	30	(L)
Overall machine weight (empty, without battery)	28	(kg)
Maximum allowable takeoff weight	68	(kg)
Maximum flight speed	10	(m/s)
Full working hours	15-20(Takeoff weight 65kg)	(min)
Every minute of homework	4	(acre)
Spray array	6-10	(m)
Number of nozzles	8	
Maximum working flow	10	(L/min)

## PRODUCT DISPLAY



# SDLDY45



## TECHNICAL PARAMETERS

SDLDY45		
Length and height	2905*930	(mm)
Span width	5100/3530	(mm)
Energy type	Fuel 30	(L)
Maximum take-off weight	100	(kg)
Maximum load	45	(kg)
Full working hours	30	(kg/4.4h)
Maximum range	1000	(km)
Flight height	5000	(m)

## PRODUCT DISPLAY



# SDLDY18



## TECHNICAL PARAMETERS

SDLDY18	
Length and height	2020*696 (mm)
Span width	3744/2820 (mm)
Energy type	Fuel 13 (L)
Maximum take-off weight	35 (kg)
Maximum load	5 (kg)
Full working hours	5 (kg/15h)
Maximum range	700 (km)
Flight height	5850 (m)

## PRODUCT DISPLAY



# SDLDD10



## TECHNICAL PARAMETERS

SDLDD10		
Length and height	2263*552	(mm)
Span width	4005	(mm)
Energy type	Electric	
Maximum take-off weight	30	(kg)
Maximum load	10	(kg)
Full working hours	5/10	(kg/4h/2h)
Maximum range	346	(km)
Flight height	4500	(m)

## PRODUCT DISPLAY



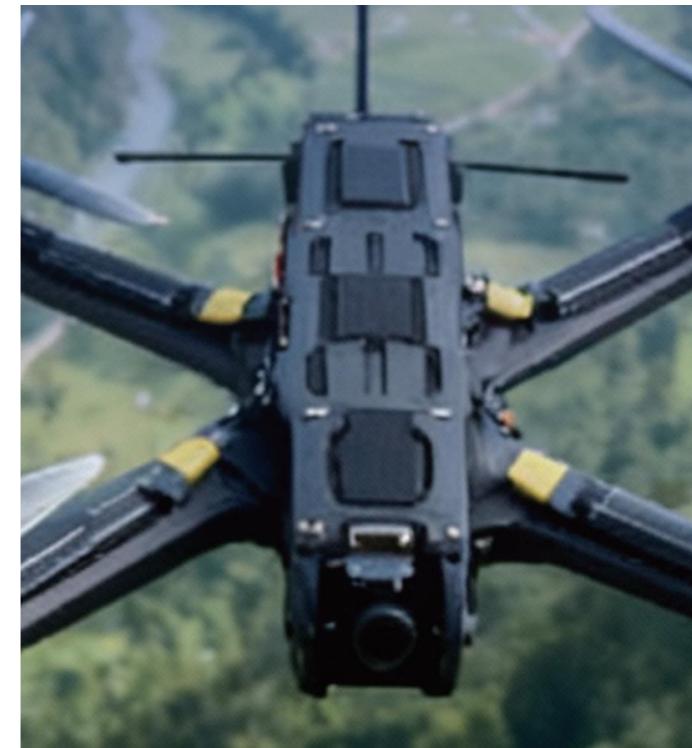
# SDLD7ID



## TECHNICAL PARAMETERS

SDLD7ID	
7 Flight Control / Motor Controller	F405 55A ESC
transfer image	5.8G 2.5w VTXwith antenna
Receiver	ELRS 915 Receiver
Camera	CADDX Ratel 2
Electrical machinery	2812 1300kv
Size	275x250x36 (mm)
Electronic speed controller	55AESC
Propeller	HQ 7X3.5X3 (cm)
Flight speed	140 (km/h)
Load rating	1.5 (kg)
Maximum load	2 (kg)
Empty-load flight time	30 (mins)
Load-carrying flight time	12 (mins)

## PRODUCT DISPLAY



# SDLD10ID



## TECHNICAL PARAMETERS

SDLD10ID	
7 Flight Control / Motor Controller	F405 55A ESC
transfer image	5.8G 2.5w VTXwith antenna
Receiver	ELRS 915 Receiver
Camera	CADDX Ratel 2
Electrical machinery	3115 900kv
Size	350x330x36 (mm)
Electronic speed controller	60AESC
Propeller	HQ 10X4.5X3 (cm)
Flight speed	140 (km/h)
Load rating	2.5 (kg)
Maximum load	3.5 (kg)
Empty-load flight time	28 (mins)
Load-carrying flight time	10 (mins)

## PRODUCT DISPLAY



# DRONE COMPONENT EQUIPMENT

## Camera



C10  
Three-axis visible light



C20  
Three-axis visible light  
22x digital zoom searchlight



C10  
Monaxial visible light



C12  
Three-axis visible light  
Infrared 30x electronic zoom



C13  
Three-axis visible light  
Infrared laser ranging with  
30x electronic zoom

# DRONE COMPONENT EQUIPMENT

## Mounting Device



Megaphone



Lighting lamp



Three-axis Searchlight



Net Launcher



38mm Launcher

## Usage Equipment



Freight Container



Throwing Device



Drogue

## Remote Control



H12por



H20



H30



S20