

JIUSI 九思智能

为洁净而生
Born for cleanliness

D10R一体化智能清洗解决方案

D10R Integrated Smart Cleaning Solution



YouTube



TikTok



LinkedIn



WhatsApp



Instagram



Facebook



微信视频号



微信客服号



官方抖音号



官方小红书



官方公众号



更智能 More Intelligent

双RTK+视觉激光雷达，弱信号下厘米级自主导航

Dual RTK + visual LiDAR, centimeter-level autonomous navigation under weak signal conditions

更安全 More Safe

绕障雷达+保护罩+降落伞（主动避障、物理防撞、应急开伞）

Obstacle-avoidance radar + protective guard + parachute (active obstacle avoidance, physical anti-collision)

更全能 More Versatile

适配别墅楼宇、楼间窄缝、无卫星盲区，室内外全场景清洗

Suitable for full-scenario cleaning including villa buildings, narrow gaps between buildings, and satellite-blind zones

更防水 Better Waterproofing

核心IP65/机身IP55+纳米不挂水镜头，雨天可作业

Core components IP65 / Main body IP55 + Nano water-repellent lens, operable in rainy weather

更高效 More Efficient

20MPa高压+自动配液+AC/DC双供电自研水泵

20MPa high pressure + automatic solution mixing + self-developed AC/DC dual-power water pump

更耐用 More Durable

800次三元锂循环（行业2倍），BMS监控，30分钟快充

800 cycles of ternary lithium batteries, with BMS monitoring and 30-minute fast charging



自动配比系统

Automatic Dosing & Mixing System



双 RTK + 视觉激光雷达避障

Dual RTK + Vision + LiDAR Obstacle Avoidance



绕障雷达

Dedicated Obstacle Radar System



轴距1200mm

1200 mm Industrial-Grade Frame



BMS电池管理系统

BMS Intelligent Battery Management



超高防水等级

High-Level Waterproof Design



桨叶保护罩 + 降落伞

Propeller Guards + Emergency Parachute System



Product Parameters

型号	D10R
外形尺寸	1626 x 1626 x 580 mm(机臂展开, 桨叶展开)
	945 x 945 x 580 mm(机臂展开, 桨叶折叠)
	520 x 470 x 550 mm(折叠尺寸)
	520 x 470 x 700 mm(折叠带降落伞尺寸)
最大轴距	1200 mm
防水等级	核心部件IP65防水等级、机身IP55防水等级
飞行高度50米续航时间	35 min(正常作业喷水上下, 高度为5-50米)
最大水平飞行速度	15 m/s
最大可承受风速	12 m/s
最大飞行海拔高度	4500 m
工作环境温度范围	-10 °C - 40 °C
工作湿度	0-90 %
电池	12S 30000 mAh
充电功率	AC110V: Max 1200 W; AC220V: Max 3200 W
充电所需时间	30 min
最大水压	20 MPa(瞬时)
最大流量	15 L / min
喷杆长度	1200 mm
空机重量	9 kg(不含电池)、15.5 kg(含电池)
可支持最大起飞重量	≤24.9 kg

Model	D10R
Dimensions	1626 x 1626 x 580 mm(Arms unfolded, propellers unfolded)
	945 x 945 x 580 mm(Arms unfolded, propellers folded)
	520 x 470 x 550 mm(Folded size)
	520 x 470 x 700 mm(Folded size with parachute)
Maximum Wheelbase	1200 mm
IP Rating / Waterproof Grade	Core components: IP65、Fuselage: IP55
Flight Time at 50m Altitude	35 min(height: 5-50m)
Maximum Horizontal Flight Speed	15 m/s
Maximum Wind Resistance	12 m/s
Maximum Operating Altitude	4500 m
Operating Temperature Range	-10 °C - 40 °C
Operating Humidity	0-90 %
Battery	12S 30000 mAh
Charging Power	AC110V: Max 1200 W; AC220V: Max 3200 W
Charging Time	30 min
Maximum Water Pressure	20 MPa(Instantaneous)
Maximum Flow Rate	15 L / min
Spray Boom Length	1200 mm
Empty Weight	9 kg (No Battery), 15.5 kg (With Battery)
Maximum Takeoff Weight	≤24.9 kg

* 产品已发布, 最终上市版本解释权归九思智能所有 * * Products released, the right of final interpretation of the official listed version belongs to Jiusi Intelligence. *