

L30 Specifications

General specifications

Total weight (W/O batteries)	29 kg
Max. take-off weight	72 kg
Dimensions (Propeller and arms unfolded)	2435 x 2541 x 752 [mm]
Dimensions (Arms folded)	979 x 683 x 752 [mm]
Max. hovering time	Unloaded: 17.5 min, Loaded: 9 min
GPS	GPS, GLONASS, Galileo, BeiDou
Hovering precision	±10 cm (RTK) ±2m (without RTK)
Rotor dimensions	43 x 14
Motor dimensions	120 x 45 mm
Motor KV value	95 KV
Battery capacity	28000 mAh
Battery voltage	51.8V
Battery weight	9.4 kg

Spraying

Spraying system	CDA
Number of Nozzles	2
Adjustable droplet size	✓
Spot spraying	✓
Maximum flow	16 L/min

Execution of work

Technology developed for European Agricultural conditions	✓
Easy transportability	✓
Modular payload attachability	✓
Obstacle avoidance	RTK-based
FPV camera	1080p One axis gimbal
Effective signal range of RC	~8 km
Altitude measurement	LIDAR

Flight planning

Software source code	Open
Flight plan creation on a pc	✓
Handling of SHP and KML files	SHP and KML
Software compatibility	✓
Downward facing camera for obstacle selection	✓
Data security	✓
No data transmission to remote servers	✓

Frequency bands

GNSS receiver	1.58GHz
Radio Control and Telemetry	2.4GHz
WLAN	5GHz