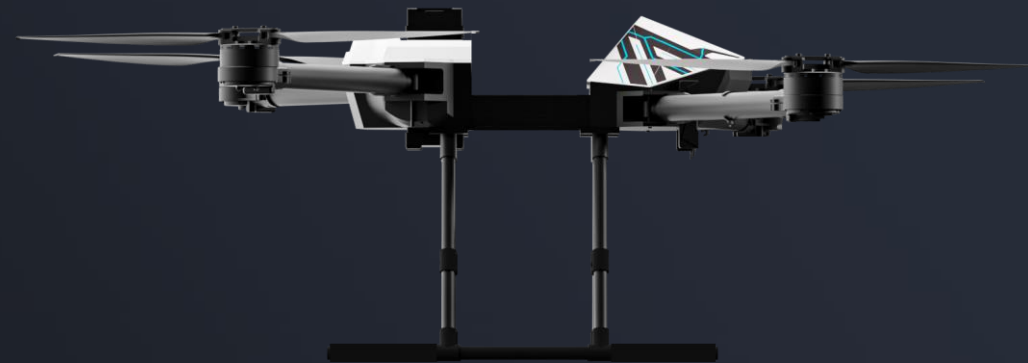


Comparison table and pricing



L10



M12



L10 PRO

GENERAL



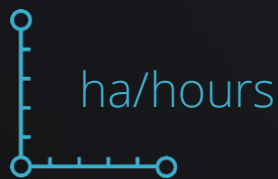
	L10	L10 PRO	M12
MAIN PURPOSE	Precision spraying	Precision spraying	Platform for custom payloads
SKYINNOV TRICHOGRAMMA SPREADER COMPATIBLE	x	✓	✓
POSITIONING	GNSS with static RTK base	GNSS with EMLID RTK system (base not included)	customizable
ABSOLUT POSITIONING ACCURACY	1m	1-3cm	customizable
RELIABLE POSITIONING	Open terrain	Hard terrain	customizable
MAX. DISTANCE BETWEEN RTK BASE AND TRANSMITTER	30m	Pilot can move freely	customizable
ANTENNA	Singleband	Multiband	customizable
NUMBER OF SATELLITES USED	~15	~ 25	customizable

GENERAL SPECIFICATIONS



	L10	L10 PRO	M12
TOTAL WEIGHT (W/A BATTERIES)	12.4 kg	12.4 kg	11.2 kg
MAX. TAKE-OFF WEIGHT	29 kg	29 kg	24.9 kg
DIMENSIONS	1460 x 1020 x 610 [mm]	1460 x 1020 x 610 [mm]	1460 x 1020 x 610 [mm]
MAX. HOVERING TIME	26 min (17 kg) 12.5min (29 kg)	26 min (17 kg) 12.5min (29 kg)	26 min (17 kg) 15min (24.9 kg)
GPS	GPS, GLONASS, Galileo	GPS, GLONASS, Galileo, BEIDU	GPS, GLONASS, Galileo, (
HOVERING PRECISION	±10 cm (RTK) ±2m (without RTK)	±10 cm (RTK) ±2m (without RTK)	±10 cm (RTK) ±2m (without RTK)
ROTOR DIMENSIONS	30 x 9	30 x 9	30 x 9
MOTOR DIMENSIONS	81 x 20 mm	81 x 20 mm	81 x 20 mm
MOTOR KV VALUE	100 KV	100 KV	100 KV
BATTERY CAPACITY	16000 mAh	16000 mAh	16000 mAh
BATTERY VOLTAGE	44.4V	44.4V	44.4V
BATTERY WEIGHT	4.7 kg	4.7 kg	4.7 kg

SPRAYING



	L10	L10 PRO	M12
PER HECTARE PERFORMANCE	10 ha/h	10 ha/h	n/a
SPRAYING SYSTEM	CDA	CDA	n/a



NUMBER OF NOZZLES	2	2	n/a
DROPLET SIZE	40 – 1000 µm	40 – 1000 µm	n/a
ADJUSTABLE DROPLET SIZE	✓	✓	n/a
DRIFT	LOW risk	LOW risk	n/a
ADJUSTABLE WORKING WIDTH	1.5 – 6 m	1.5 – 6 m	n/a
SPOT SPRAYING	✓	✓	n/a



PUMP TYPE	Membrane	Membrane	n/a
MAXIMUM FLOW	5L/min	5L/min	n/a
PUMP OPERATING VOLTAGE	48V	48V	n/a

EXECUTION OF WORK



	L10	L10 PRO	M12
TECHNOLOGY DEVELOPED FOR EUROPEAN AGRICULTURAL CONDITIONS	✓	✓	✓
IP PROTECTION	IP54	IP54	IP54
EASY TRANSPORTABILITY	✓	✓	✓
MODULAR PAYLOAD ATTACHABILITY	x	✓	✓
OBSTACLE AVOIDANCE	RTK-based	RTK-based	RTK-based
FPV CAMERA	Front - rear	Front - rear	Front - rear
BATTERY CHARGING TIME	~11 min	~11 min	~11 min
EFFECTIVE SIGNAL RANGE OF RC	~8 km	~8 km	~8 km
ALTITUDE MEASUREMENT	LIDAR	LIDAR	LIDAR or RADAR

FLIGHT PLANNING



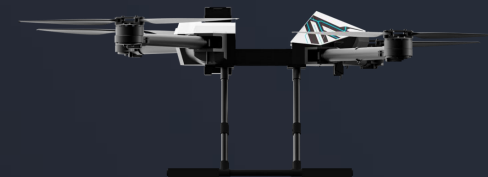
	L10	L10 PRO	M12
SOFTWARE SOURCE CODE	Open	Open	Open
FLIGHT PLAN CREATION ON A PC	✓	✓	✓
HANDLING OF SHP AND KML FILES	✓	✓	✓
SOFTWARE COMPATIBILITY	✓	✓	✓
DOWNWARD FACING CAMERA FOR OBSTACLE SELECTION	✓	✓	✓
RTK BASE IN THE PACKAGE	✓(static positioning)	x	x
DATA SECURITY	✓	✓	✓
NO DATA TRANSMISSION TO REMOTE SERVERS	✓	✓	✓

FLIGHT



MAX. PITCH ANGLE	30°	30°	40°
MAX. OPERATING FLIGHT SPEED	10 m/s	15 m/s	15 m/s
MAX. SPEED (NO GPS)	24 m/s	24 m/s	24 m/s
MAX. FLIGHT ALTITUDE	120 m	120 m	120 m
MAX. TOLERABLE WIND SPEED	10 m/s	10 m/s	12 m/s

RECOMMENDED RETAIL PRICES



	L10	L10 PRO	M12
DRONE	10 000 EUR	11 000 EUR	8 500 EUR
BATTERY	749 EUR	749 EUR	749 EUR
CHARGER	627 EUR	627 EUR	627 EUR
PROPELLER	35 EUR	35 EUR	35 EUR
SKYINNOV SPREADER WITH MOUNT SYSTEM	X	1900 EUR	1900 EUR
EMLID RTK BASE	X	2200 EUR	2200 EUR