



Taiwan Jets Manufacture Co. Ltd.
Non-Red Supply Chain Product Line

TJMC



TJMC

LR-150 SERIES

Model	explanation
Aircraft fuselage form	Fixed-wing rear-mounted power
Body Size	Wingspan 2,600 mm (The left and right wings are detachable for easy storage and transportation. ; Airfoil NACA4415 · Wingtip Spread 2°)
Power	Brushless electric drive motor 6352-240 KV / Maximum thrust 14Kg
Cruise/Top Speed	90–100 km/h (Cruise) / 160 km/h (Top speed)
Takeoff and recovery methods	Pneumatic catapult takeoff ; (Recovery depends on the mission location: descent/grassland)
Total weight of the machine (excluding battery and payload)	<10kg
Payload	5 Kg
Flight range (excluding payload)	40 min
Flight Range	≥ 30 km (LOS)
Flight Control Distance	≥ 30 km (LOS ; Microwave radio for guidance and control)
Flight Control System	ArduPilot (Supports common mission modes such as hovering/returning.)
Navigation system	Equipped with high-precision INS/RTK GNSS navigation function
Data/Image Link	Analog transmission ; Image and data transmission distance ≥ 30 km (LOS)
Anti-interference/backup	1.9 GHz / 900 MHz Dual-system dual-link system (primary/secondary); the secondary link immediately takes over control when the primary link fails.
Camera Lens	4x optical zoom · > 3 million pixels · > 30 fps
IP rate	Fully waterproof and dustproof IP43 (inclusive) or above