



TJMC台灣傑特斯

非紅供應鏈產品系列

Non-Red Supply Chain Product Line

TJMC



TJMC

TJ-150 SERIES

項目	說明
機體型式	固定翼後置動力
機身	翼展 2,600 mm (左右翼可拆卸便於收納運輸 ; 翼型 NACA4415 、 翼尖外展 2°)
動力	無刷電驅馬達 6352-240 KV / 最大推力14Kg
巡航/最高速度	90–100 km/h (巡航) / 160 km/h (最高)
起飛/回收	氣壓彈射起飛 ; (回收依任務場地 : 腹降/草地)
全機重量(不含電池及酬載)	<10kg
載重	5 Kg
續航力(不含酬載)	40 min
航程	≥ 30 km (LOS)
導控距離	≥ 30 km (LOS ; 以微波無線電進行導控)
飛控系統	ArduPilot (支援盤旋/返航等常用任務模式)
導航	具備高精度INS/RTK GNSS導航功能
數據/影像鏈路	數位訊號傳輸 ; 影像與數據傳輸距離 ≥ 30 km (LOS)
抗干擾/備援	1.9 GHz / 900 MHz 主/副雙系統雙鏈路 ; 主鏈路失效時副鏈路即時接替導控
鏡頭	4 倍光學變焦、 > 300 萬畫素、 > 30 fps
防護等級	全機防水防塵 IP43 (含) 以上

TJ-150 SERIES

項目Model	説明explanation
Aircraft fuselage form	Fixed-wing rear-mounted power
Body Size	Wingspan2,600 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