

T3i



BLACKFOOT

T3i is proud to announce the launch of the Blackfoot, an FPV drone engineered for ease of use, modular swappable payloads, and extended range effects on target.

What sets the T3i Blackfoot apart is its ability to carry a multitude of modular payloads in semi-autonomous flight modes enabling operators with no prior FPV experience to deliver effects on target with significantly reduced training time.

Key Features of the T3i Blackfoot:



Lightweight & Powerful: At 1,080 grams with a remarkable 9:1 thrust-to-weight ratio, the Blackfoot offers unparalleled flight times, agility, and heavy-lift performance.



Flight Modes for Any Skill Level: With Acro, Stabilized, Altitude Hold, and Position Hold modes, the Blackfoot accommodates operators of all skill levels with minimal training time.



GPS-Denied Operations: Featuring a laser altimeter and optical flow integration, the Blackfoot is capable of precise position hold, even in GPS denied or spoofed environments.



Mission Versatility: Strategically place a Blackfoot with repeater payload hovering with line-of-sight into RF shadows, enabling long range attack operations into previously inaccessible terrain.



Modular Payload System: A standardized 8-slot MIL-STD-1913 Picatinny rail interface allows for rapid and secure attachment of a wide range of payloads.



For more information email us at TDOC@T3iinc.com
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Extended Endurance: Achieve up to 45 minutes of flight time (15,000mah 6S, no payload), maximizing time on station.



Secure Command and Control: Multiple long-range C2 link options ensure a reliable control link.



Clear, Long-Range Video: High powered video transmitter provides operators and leaders with high-quality situational awareness for positive identification and precise targeting.



Autonomous Flights: Plan and execute complex missions without the need for pilot intervention or sustained communications with the pilot. Seamlessly transition from automated mission to manual

Key points

Blackfoot's self stabilization and position hold, even in GNSS denied conditions, make it easy to train and fly. The integrated Picatinny rail allows payload modularity, versatility, and flexibility for mission focused employment. Blackfoot is repairable and replaceable at the unit level with its completely 3D printed construction.

Mission	Battery	Avg Airspeed	Payload	Endurance
Cruise	Lumenier NAV 21700 6S3P 15000mAh	30 MPH	None	45 Min.
Cruise	Lumenier NAV 21700 6S3P 12000mAh	30 MPH	None	36 Min.
Cruise	MoliceL P45B 6S2P 9000mAh	30 MPH	None	30 Min.
Combat Patrol	MoliceL P45B 6S2P 9000mAh	40 MPH	3.26lbs/ 1.48kg (60mm mortar)	18 Min.
Heavy Payload	SMC 6S 10200mAh LiHV 120C	20 MPH	10.25lbs/ 4.65kg	7 Min.

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