



SWIFTHAWK

HIGH-SPEED TACTICAL FPV DRONE



Single-Use Strike | Manual FPV | Decoy Operations

Overview

SwiftHawk is a high-speed manual FPV drone built for single-use tactical missions, kamikaze strikes and decoy operations. Designed for rapid deployment in high-risk zones, SwiftHawk delivers precise impact on enemy vehicles, infrastructure, or critical targets—where traditional methods may expose personnel to danger. With a top speed of 150 km/h and a range of up to 25 km, SwiftHawk enables real-time visual guidance for accurate targeting and high-mobility engagements. Whether used as a strike asset or an electronic warfare decoy, it serves as a versatile force multiplier in modern combat scenarios.

Key Advantages

- High-Speed Strike Capability:** Reaches up to 150 km/h for rapid attack maneuvers
- Manual FPV Control:** Real-time HD visual feed with operator-in-loop control
- Single-Use Payload Delivery:** 250–500 g precision payload capacity for tactical impact
- Mission Versatility:** Designed for kamikaze missions, decoy operations, or electronic warfare support
- Robust Build:** Reinforced carbon fiber and composite airframe for impact resilience
- Failsafe Systems:** Manual trigger and mission abort features ensure operational control
- Optional Add-Ons:** Thermal camera, IR beacon, RF decoy for advanced strike/decoy roles

Mission Profiles

- Precision Tactical Strike
- Vehicle or Infrastructure Neutralization
- Electronic Warfare (RF Decoy Deployment)
- High-Value Target Disruption
- One-Way Reconnaissance with Impact Option

Technical Specifications

Specifications	Functionalities
Version	: Manual FPV kamikaze / one-way mission
Airframe	: Carbon fiber + reinforced composite
Size	: 430 × 430 × 180 mm
Weight	: 2.8 kg (with battery)
Max Takeoff Weight	: 3.5 kg
Max Speed	: 150 km/h
Range	: Up to 25 km (line-of-sight)
Altitude Ceiling	: Up to 5.5 km AGL
Payload Capacity	: 250–500 g
Video & Telemetry	: HD FPV camera, secure real-time transmission
Battery	: High-capacity rechargeable pack
Charger	: Field-ready rapid charger
Safety	: Mission failsafes, manual trigger controls
Optional Modules	: Thermal camera, IR beacon, RF decoy