



COMBAT COPTERS · RADIO-OPERATED STRIKE DRONE

Shahab-SMR

Short-range FPV strike quadcopter with a 2 kg warhead and AI lock-on.

MISSION ROLE	RANGE	ENDURANCE	PAYLOAD	LAUNCH	RECOVERY
FPV precision strike	5 km	15 min	2 kg warhead	VTOL	Expendable (terminal engagement)

SYSTEM OVERVIEW

Shahab-SMR is a short-range precision-strike drone engineered to deliver rapid-response engagement in close-combat and tactical battlefield environments. It carries a 2 kg warhead with an effective operational range of up to 5 km, enabling accurate engagement of high-value and time-sensitive targets with minimal response time.

Powered by an advanced AI-enabled target acquisition and locking algorithm, Shahab-SMR enables high-accuracy FPV-guided engagement, allowing operators to visually identify, track, and neutralize targets with exceptional precision. Its intelligent guidance and real-time control architecture ensure reliable performance and consistent strike effectiveness in complex operational scenarios.

TECHNICAL SPECIFICATIONS

Performance

Range	5 km
Speed	20 m/s
Altitude	200–300 m
Endurance	15 min
Propulsion	Electric
Comm	Radio-frequency link

Physical & Warhead

Wheelbase	17.0 in
Weight	4.0 kg
Construction	Carbon fiber & reinforced plastic
Warhead	2 kg (user-customizable)

Guidance

Flight phase	Free flight (FPV)
Targeting	AI dataset target identification

KEY CAPABILITIES

- AI target acquisition & locking
 - High-accuracy FPV-guided engagement
 - Radio-frequency control link
- Carbon-fiber & reinforced-plastic airframe
 - Compact & portable
 - Low radar signature