NOTOXYTECH

INDIGENOUS UAS
MADE IN INDIA

FPV SHAKTI · 10-INCH ANALOG

FPV SHAKTI

Swift and agile as a hawk — Shakti represents speed, accuracy and dominance in the skies, built for precision missions.



40 min	10 km	120 km/h	1.5 kg
FLIGHT TIME*	RANGE	MAX SPEED	PAYLOAD

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OVERVIEW

Why Shakti 10" FPV?

The Shakti 10" FPV Drone by Notoxytech Technologies Pvt Ltd is a high-performance, India-made tactical solution tailored for long-range surveillance, payload delivery and precision intercept operations.

Designed with uncompromising agility and resilience, it is especially suited for deployment by the Indian Armed Forces in demanding and contested environments. Advanced failsafe protocols, rapid hand-launch capability and robust heavy-lift performance make it a decisive tool for critical field operations.





CORE CAPABILITIES

Built for the mission

Failsafe Navigation
Continues safely in GPS-denied conditions

RF-Denied Return to Home
Automatic RTH on loss of link

Heavy-Lift & Delivery
Up to 1.5 kg rated payload

Low-Satellite Operation
Holds navigation with few satellites

High-Speed Intercept
Up to 120 km/h burst / dive

Rapid Boot & Acquisition
From power-on to eyes-on in moments

INDIGENOUS ENGINEERING

Designed, built and supported in India.

Configurable navigation modes, failsafes and payloads — tuned to your unit's operational requirements.



TECHNICAL DATA

Specifications

40 min	10 km	120 km/h	1.5 kg
FLIGHT TIME*	RANGE	MAX SPEED	PAYLOAD

Model	Shakti FPV
Size	FPV with Mission Planner
Flight Time	Up to 40 min (without payload) · up to 25 min (with full payload, depending on mission profile)
Range	**One-way deployment – up to 10 km.** Line of sight, subject to terrain and interference. **Two-way deployment – up to 5 km** for reconnaissance, surveillance and payload delivery with safe return. Maximum altitude restricted to 500 m AGL.
Payload Capacity	Up to 1.5 kg (optional; can impact endurance). Maximum 2 kg, 1 kg recommended.
Speed	Cruise **60 km/h** · Max burst / dive **120 km/h**
Navigation & Control	GPS navigation with failsafe
Airframe & Build	Composite lightweight carbon-fibre structure
Video Transmission	Dual analog FPV camera (low latency, long range)
VTX	2.5 W / 3 W / 5 W video transmission module, 5.8 GHz
Battery	6S 10,000 mAh Molicel Li-ion (40 min endurance) 6S 15,000 mAh Molicel Li-ion (45 min endurance)
Navigation Modes	Loiter – GPS-assisted loitering Manual / Angle mode RTH – Return to Home **Configurable to user specifications**
Misc. Features	Live telemetry and mission planning via laptop

** Endurance and range depend on payload, mission profile, terrain, weather and RF environment. Specifications may be customised to user requirements.*

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NOTOXYTECH

Ready when the mission is.

Talk to our team about demonstrations, configurations and field trials for the FPV Shakti 10".

PRODUCT ENQUIRIES

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DESIGNED & MANUFACTURED IN INDIA