NOTOXYTECH

INDIGENOUS UAS
MADE IN INDIA

DAY SURVEILLANCE · 10-INCH CLASS

DAY SURVEILLANCE DRONE

A 10-inch, hand-launchable ISR platform with a stabilised 4K gimbal camera and 30× zoom — fast, agile and mission-ready in seconds.



30 min	5 km	120 km/h	4K 30×
FLIGHT TIME*	RANGE	MAX SPEED	ZOOM CAMERA

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OVERVIEW

Why the 10" Surveillance Drone?

The 10" Surveillance Drone by Notoxytech Technologies Pvt Ltd is a high-performance, India-made tactical solution tailored for long-range surveillance 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 — supporting immediate mission readiness and zero-latency, real-time situational awareness.





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
Robust propulsion for payload missions

Day-Ready Tactical ISR
4K gimbal camera with 30× zoom

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

30 min	5 km	120 km/h	4K 30×
FLIGHT TIME*	RANGE	MAX SPEED	ZOOM CAMERA

Model	Surveillance Drone 10" with 4K Camera
Size	10" Surveillance with Mission Planner
Flight Time	Up to 30 min (with full payload, depending on mission profile)
Range	**One-way deployment – up to 5 km.** Line of sight, subject to terrain and interference. Maximum altitude restricted to 500 m AGL.
Payload Capacity	Optional
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 (VTX)	Digital
Battery	6S 10,000 mAh Molicel Li-ion (30 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.*

PAYLOAD

4K Gimbal Camera

Stabilised 8 MP gimbal camera with 30× zoom, 4K on-board recording and low-latency H.265 RTSP streaming.



GIMBAL & INTERFACE	
Video output interface	LAN port
Control input interface	LAN port
Working voltage	12 V – 80 V
Working current	245 mA @ 12 V
Working temperature	-10 °C to +55 °C
Weight (incl. shock-absorber plate)	106 g
Size (incl. shock-absorber plate)	61.6 × 63.8 × 84.2 mm
Controllable angle	Pitch -90° to +10° · Yaw -90° to +90°
Hoist / upside-down mode	Supported
One-click back / down / head-up	Supported

IMAGING & RECORDING	
Lens resolution	8 MP
Sensor size	1/2.8"
Aperture	F2.0
Focal length	3.1 mm
HFOV / VFOV / DFOV	105° / 58° / 122°
Zoom	30×
Output	RTSP stream, H.265
Transmission resolution	1280 × 720
Recorded video	3840 × 2160 @ 30 fps
Video format	TS
Photo resolution	3840 × 2160
Photo format	JPG
Memory card	Kingston 32 GB
File system	FAT32

NOTOXYTECH

Ready when the mission is.

Talk to our team about demonstrations, configurations and field trials for the 10" Day Surveillance Drone.

PRODUCT ENQUIRIES

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DESIGNED & MANUFACTURED IN INDIA