

NINOX-40



Encapsulated Micro Tactical UAS

Immediate-Action Solution

Micro tactical drone system, specially designed for single-user operation. It can be launched from handheld or standard 40mm grenade launchers.

Sitting in the barrel, it's ready for launch in seconds.

Featuring an encapsulated drone and a control unit, the Ninox 40 weighs under 250g – within regulatory limitation – and is lightweight enough to be carried in the soldier's vest during combat.

Built to withstand harsh battle conditions, the ruggedized system is also ideal for tactical urban environments. The Ninox 40 has up to 35 minutes, flight capability and extensive ISTAR capabilities, with a low noise level, low thermal signature and low RCS.

Features a day or night-mode payload for enhanced situational awareness, automatic tracking and can be launched on-the-move or from under cover.

SYSTEM APPLICATIONS

- ◆ Intelligence, surveillance, target acquisition and reconnaissance (ISTAR)
- ◆ Covert operations
- ◆ Battlefield damage assessment (BDA)
- ◆ Beyond line-of-sight reconnaissance
- ◆ Law enforcement, search & rescue rural firefighting and disaster response scenarios
- ◆ Border and perimeter, critical infrastructure, oil and gas pipeline
- ◆ Force protection and convoy support



- ◆ **IMMEDIATE:** Widely distributed & ready to deploy in real time, on-demand
- ◆ **INTUITIVE:** A tactical, organic, easy-to-operate solution, no specialized training required
- ◆ **ROBUST:** A highly durable, combat proven solution suitable for extreme weather & battlefield conditions



Size & Weight – Drone

Total size (Unfolded)	210(L)X190(W)
Total size (Folded)	210(L)X47(D)
Weight	< 250g
Max. Take-Off weight	450g

Performance

Mission Readiness	< 1 sec
Endurance	Up to 35 min
Max. speed	20m/sec
Max. Altitude (AGL)	Up to 5 000ft
Launch method	Handheld/ grenade launcher

Environment

Temp	-10°C – (+50°C)
Wind	Up to 20 Knots
Rain	3 mm/H

Payload

Day / Night	As required
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Ground Control System

Operation System	Android, Windows, Linux, ATAK
Hardware	10 or 6 inch rugged tablet Compatible to Samsung G20 tactical

Size & Weight – Capsule

Size	350(L)X50(D)
Weight	300g
Environment	Rugged, IP67 MIL-STD-810H

Communication

Range	Up to 5km (LOS)
Frequency	Details on request
Encryption	AES 128/256

Flight Modes

One touch waypoints	Standard
Camera Guide	Standard

Navigation

GNSS	Standard
Manual mode	Standard
Denied GNSS area	Optional

