Uvision Smart Integrated Systems

HERO 120

Medium-Range, Multi-Purpose Loitering Munition System

HERO 120 delivers a precise and selective, organic anti-tank capability to the battlefield, purpose-built to defeat heavy armor and high-value targets. Designed for both mobile and dismounted units operating without direct fire support, HERO 120 combines independent Sensor to Shooter capability, extended endurance and beyond-line-of-sight transfer of control and offering best-in-class performance in both symmetric and asymmetric combat scenarios.

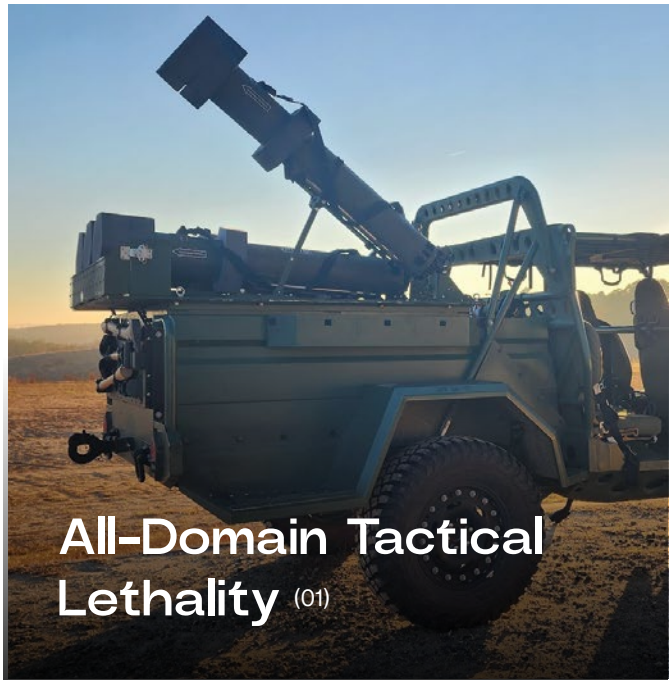
52.9lbs
System Weight

8.6lbs
WH Weight

Up to
75min
Endurance

Launch Platforms

Targets



All-Domain Tactical Lethality (01)

Built for land, sea and air engagement, HERO 120 integrates on armored vehicles, naval vessels and rotary-wing platforms, such as Combat Helicopters, while remaining deployable by forward teams from concealed or stand-off positions. A pneumatic launch, gimbaled EO/IR seeker and advanced image processing enable precise man-in-the-loop control to track moving or stationary targets, abort mid-flight, or re-acquire as the fight evolves. Interoperable with third-party ISR/C2, HERO 120 delivers rapid cue-to-strike and smooth adoption into any force structure.

Integration Ready (02)

LAND NAVAL AERIAL

An all-domain, anti-tank solution, plug-and-fight integration across platforms with MOSA (Modular Open System Architecture) -compliant interfaces.

Platform

- Man-portable or platform-launched (vehicles, vessels, helicopters)
- Rapid-deployment launcher – launch-ready in minutes for immediate mission response
- MOSA Compliant – Designed for open-architecture federation

C2 & Autonomy

- Connectivity – Full-motion video and metadata to the tactical network; integrates with advanced C2 for rapid kill-chain closure.
- AI-Enabled Survivability – Onboard autonomy assists safe loiter, dynamic retargeting and survivable approach profiles.
- Multi-node / hand-off control across operators and echelons

System Components (03)

Communication (& Extendend range)

Fire Control Unit

Launcher

Key Features (04)

- Precision accuracy keeps collateral damage to a minimum (less than 1m CEP)
- Secured encrypted communication (AES-256)
- EO/IR camera (high-resolution); supports optional payload integration
- Multiple Warhead Types- Multipurpose, Anti-Tank
- Mission continuation in GPS denied environment adaptable to various mission requirements
- Customizable Detonation Modes- Adaptable settings including impact, proximity, and delay for target-specific engagement.
- Near-vertical top-attack dive for decisive roof penetration
- AI tracker- Offers optional ATR capabilities
- Precision Attack Adjustment- Allows mid-mission tactical changes to enhance strike accuracy; includes options to abort the attack, re-engage or safely disarm and return
- Extended Performance- Operates in Arctic conditions, high altitudes, and offers extended range & endurance

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HERO 30 HERO 90 HERO 120 HERO 400 HERO 900 HERO 1250