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About AVision Systems Ltd.

AVision Systems Ltd. designs and manufactures innovative, cost-effective, Precision Attack Loitering Munitions (PALM) Systems for customers worldwide. The PALM Hero series is comprised of advanced loitering munitions systems, designed for different missions at various ranges using HE, Anti-Tank or Thermobaric warheads. The company's solutions are tailored for unique flight qualities, precision attack munitions, advanced airborne guidance and navigation systems, and C4 stations fully integrated with communications links.

AVision Systems is an endeavor with a purpose to deliver indigenous and innovative solutions customized for the unique Indian Operational Requirements from Tactical Level to Operational/Theater Level Loitering Munitions for use by Air, Land and Naval Forces.

AVision is a Joint Venture between UVision Air Ltd, an Israeli-based global leader in the area of Loitering Munitions Systems of all sizes and missions and Hyderabad-based Aditya Precitech Pvt Ltd (APPL), who have been involved in several missile projects of the DRDO as a development partner of critical sub-systems.

For more information on AVision, please visit www.avisionsystems.com

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AVision
Lethal Loitering Systems

PALM Hero-400EC

Highly-Lethal Long Endurance Precision
Attack Loitering Munition (PALM)



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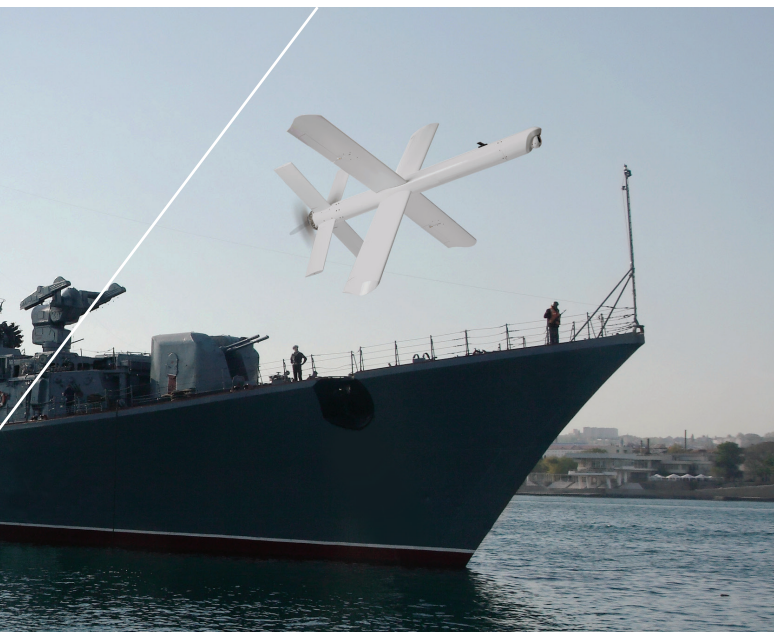


Modular Launcher for Multiple Platforms

PALM Hero-400EC is a long-range loitering weapon system with a low acoustic, visual and thermal signature that can locate, track and strike static and moving targets with high accuracy and stealth. Its multi-canister launcher can be mounted on a variety of land and sea platforms – providing the formation level with a weapon system that has the advantage of precision strike

Key Benefits

- › Independently operated, with extended endurance over the long-range target area
- › BLOS ability to locate and strike time-sensitive and low-signature targets
- › Minimal environmental and collateral damage
- › Complements the fire power of the formational fire center
- › Sophisticated weapon, yet affordable for broad deployment
- › Easy and intuitive MMI



Effective Against a Wide Variety of Targets

capabilities, a range of multi-purpose warheads and the extended endurance necessary for long-range missions. PALM Hero-400EC's advanced mid-air abort capability allows automatic reentry into the loitering mode, re-engagement of the enemy, or return to the recovery area using a parachute.

Key Features

- › Long-range, extended endurance loitering weapon system
- › Low acoustic, visual and thermal signatures
- › Platform-mounted with multi-tube launcher
- › Range of warheads – concrete piercing, antitank and antipersonnel
- › High-quality day and night ISR capability
- › Full mission abort and target re-engagement capability
- › Advanced training system with embedded simulator

High levels of performance

With high-speed transit flight and low-speed loitering, PALM Hero-400EC's electro-optical/infra-red (EO/IR) high precision munitions are extremely effective in strategic enemy strikes. Its customizable warhead is designed to handle different types of targets with pinpoint accuracy of less than 1 meter. PALM Hero-400EC's unique cruciform design enables high levels of maneuverability, with the ability to stealthily loiter above a target, gather intelligence and strike instantly in response to time-sensitive threats.

Multi-canister launcher suitable for a range of platforms

Due to its long range and endurance capabilities, the PALM Hero-400EC can be launched safely away from enemy lines from a modular multi-tube canister launcher mounted on a range of land or naval platforms. The modular launcher can also be deployed in Forward Operating bases and controlled from remote locations. Customer choice of 4-12 lethal loitering munitions can be stored, transported and launched from the sealed canisters, making it a versatile asset on the battlefield.

Technical Specifications

Parameter	Value
Flight Endurance	120 minutes
Typical mission altitude	3000-4500 ft. above ground level
Standard data link range	40 km
Speeds	50-80 knots
Weight (missile only)	40 kg
Length	2.1 meters
Wing span (tip-to-tip)	2.5 meters
CEP	< 1 meter
Warhead	Tailored to mission requirements
Launcher	Multi-canister
Launcher weight	650 kg including 6 munitions



PALM Hero-400EC System Deployment