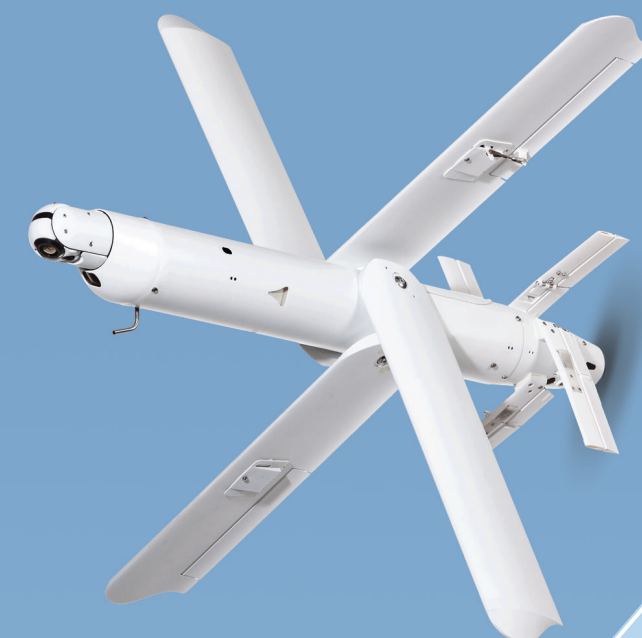


PN HE3072018C-EN



PALM HERO-30

Man-Pack Portable Precision
Attack Loitering Munition (PALM)

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

AVision
Lethal Loitering Systems



Lethal Miniature Aerial Missile System

User Friendly Control Unit

Precision Attack

Key Benefits

- › Independently locate and strike time-sensitive and low-signature targets
- › Lightweight and compact for full maneuverability
- › Pinpoint strikes reduce collateral and environmental damage
- › Full abort and re-engage capability
- › Sophisticated weapon yet affordable for broad deployment
- › Easy, intuitive operation, with short training and negligible logistical requirements

Key Features

- › Man-pack portable
- › High-speed transit flight and low-speed loitering
- › Electro-optical (EO/IR) day/night seeker
- › Low noise, low thermal signature, low RCS
- › Pneumatic launch with beyond-LOS precision
- › Warhead tailored to customer requirements

Tactical Attack Precision
For Air, Land and Naval Capabilities

PALM Hero-30 is a lightweight and compact precision loitering system that can carry out pinpoint strikes in populated urban areas or remote locations, with minimal collateral damage – providing all echelons with a significant advantage in modern asymmetric conflicts.

Precision attack capabilities

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Precision attack capabilities

PALM Hero-30 can loiter above a target and strike precisely when the opportunity arises, even if the target appears for only an instant. When the mission is cancelled, the PALM Hero-30 has the ability to abort the attack, go back to loitering mode, and then re-engage the targets when the time is right. With a fully customizable warhead, Hero 30 provides beyond LOS precise fire capability to lower echelons, a critical advantage in populated areas.

Enhanced ISR

PALM Hero-30’s unique cruciform aerodynamic configuration enables beyond line-of-sight capabilities and high levels of maneuverability. Independently operated by frontline force with ability to locate and strike time-sensitive & low-signature targets, Hero 30 reduces the need for command level intervention, as well as dependence on external and rear support. PALM Hero-30’s advanced datalink and real-time intelligence deliver up-to-the-minute situational awareness – offering a key tactical advantage to the fighting force.

Simple deployment and operation

Extremely light-weight and man-pack portable, the PALM Hero-30 loitering munitions can be carried right into the heart of the battle and deployed within minutes. With a pneumatic launch, low noise and low thermal signature, PALM Hero-30 is an invisible, surprise attacker providing a major asset to the fighting force.

Technical Specifications

Parameter	Value
Flight Endurance	30 minutes
Typical mission altitude	800 ft. above ground +/- 300
Max. data link range	Omni - 5 km Sectional - 10 km
Speeds	50-100 knots
Weight (missile only)	3.5 kg
Length	0.78 meters
Wing span (tip-to-tip)	0.8 meters
CEP	< 1 meter
Warhead	Tailored to mission requirements

Launch Canister & Missile

Parameter	Value
Total weight	7.5 kg
Length	95 cm

PALM HERO-30 System Components

