

AIR DEFENCE SYSTEMS



# **SUNGUR** **AIR DEFENCE MISSILE SYSTEM**





**SUNGUR** Air Defence Missile System has been developed for the short-range air defence of moving/stationary troops and facilities located in the battlefield and its surroundings.

**SUNGUR** Air Defence Missile System has been developed to be compatible with different platform integrations.

## SYSTEM SPECIFICATIONS

Longest Range in its Class

Lock-on before Launch via Imaging Infrared Seeker

High-Explosive Partial Piercing Warhead and Direct Attack

Minimum Flight Time

Platform integration

User Friendly Solution with a Viewing and Tracking Screen [Seeker, Thermal Target Footage]

Easy Target Acquisition and Launch through Voice and Symbology Instructions

Asymmetric Battle Capability

Integrated with Air Defence Early Warning Command and Control System [HERIKKS-6]

Identification Friend or Foe [IFF] Equipment [Upgradeable - Mechanical Connection]



## TECHNICAL SPECIFICATIONS

### Performance

<b>Maximum Range</b>	8 km
<b>Minimum Range</b>	500 m
<b>Altitude</b>	Up to 4 km [Sea Level]
<b>Types Of Targets</b>	Fixed-Wing Aircraft Unmanned Rotary-Wing Aircraft [UAV]
<b>Operation Mode</b>	Lock-On Before Launch [Fire-And-Forget]

### Seeker

- ▶ Lock-on Before Launch
- ▶ Resistant to Countermeasures
- ▶ Automatic Target Tracking
- ▶ ±40 Degree Visual Angle

### Warhead

- ▶ High Explosive, Semi Armor Piercing Warhead , Initiated By Programmable Impact Fuze
- ▶ [Insensitive Munition, Type 4, Fuel Fire & Bullet Attack]

### Engine

<b>Launch Engine</b>	Separation in The Launch Tube [Insensitive Munition, Type 4, Fuel Fire and Bullet Impact]
<b>Flight Engine</b>	Two-Stage Solid Propellant Rocket [Insensitive Munition, Type 4, Fuel Fire and Bullet Impact]

### Guidance And Control

- ▶ Terminal Guidance via IIR [Imaging Infra-Red]
- ▶ High Manoeuvrability and Rapid Performance Capability

### LAUNCH PLATFORMS

<b>Platform Types</b>	Land and Naval Platforms and Unmanned Aerial Vehicles
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