

GÖKALP

AUTONOMOUS KINETIC DRONE-KILL SYSTEM

#AirDefense



GÖKALP is a hard-kill counter-drone system optimized for the protection of critical infrastructure and military bases from various unmanned aerial systems. By fully integrating advanced radar and electro-optical sensors, the system delivers an end-to-end kill chain capability encompassing detection, identification, and tracking.



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GÖKALP

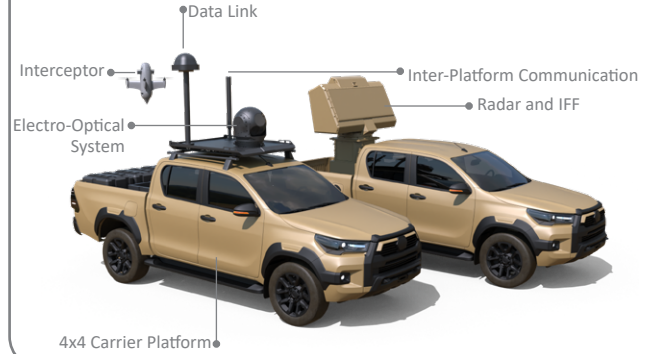
AUTONOMOUS KINETIC DRONE-KILL SYSTEM

Combining high hit accuracy with an optimized cost structure, GÖKALP provides a sustainable and effective defense solution for both critical facilities and large-scale operations. Its autonomous operation capability, powered by AI-driven target detection, classification, and engagement algorithms, ensures reliable performance against evolving aerial threats. The system consists of a 4x4 vehicle and a trailer platform with interceptors that provide propulsion with an electric motor and destroy the threat with a warhead. A flexible architecture is offered thanks to the ability to use different hunter drone type interceptors.

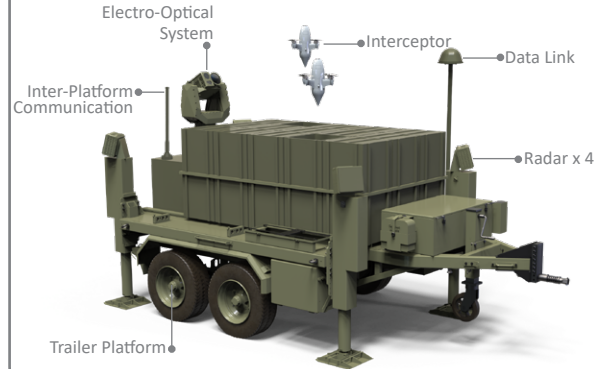
System Specifications

- Effectiveness against all UAVs, primarily low-speed, high-endurance kamikaze UAVs
 - 1000+ meters effective range for Class-1 UAVs
 - 7000+ meters effective range for Class-2,3 UAVs
- Low-cost interceptor and system solution
- Superior detection, tracking, and classification of unmanned aerial systems with AESA radar and advanced electro-optical sensors
- Data link for the interceptor's mid-course guidance to the target
- Identification Friend or Foe (IFF) system
- Secure inter-platform communication
- Artificial intelligence-supported threat neutralization algorithm
- 360° effectiveness
- Ability to operate as a team or independently (only the interceptor vehicle)
- Ability to operate under the coordination of higher command and control elements
- Rapid reaction to emerging targets
- Ability to operate in all weather conditions
- Positioning and navigation system
- Ability to be used on 4x4 vehicles or trailer platforms
- Modular structure allowing integration of different interceptors
- High effectiveness with proximity sensor and warhead

GÖKALP Mobile Counter-UAV System



GÖKALP Trailer Counter-UAV System



Specifications are subject to change without any notice. | All tolerances are within $\pm 10\%$.