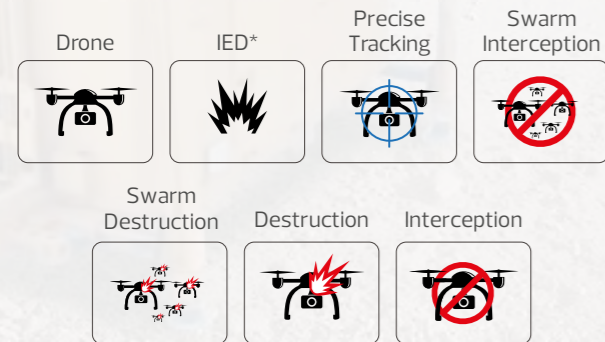


ALKA DIRECTED ENERGY WEAPON SYSTEM

ALKA Directed Energy Weapon System (DEWS) neutralizes or totally destroys targets such as Improvised Explosive Devices (IED), mini/micro unmanned aerial vehicles (UAV), drones, mini/micro unmanned aerial vehicles (UAV) carrying a variety of payloads (camera, explosives, etc.) as well as swarm attacks.

System Specifications

- Automatic Aiming to Target Detected by Radar
- Automatic Target Detection and Tracking Through Artificial Intelligence Assisted Image Processing (Minimum False Alarm Rate)
- Standalone Use without Radar
- EJS* 4,000 m
- Effective Laser Destruction Range 500 m
- Effective Destruction Range of 1,000 m with EDS*
- Independent of Number of Targets, Interception Capability Against Swarm Attacks
- Selection of Precise Destruction Point on the Target
- Tracking and Destruction of High Speed Targets (150 km/hr)
- High Precision Target Tracking (8 mm Precision at 1,000 m)
- Multiple Target Tracking
- Day/Night Operations
- Surveillance Only Mode
- Reduction of Operator Cognitive Workload through Neuro-Ergonomics Approach
- Low Cost per Shot
- Successive Firing Capability



ALKA DIRECTED ENERGY WEAPON SYSTEM



* EJS: Electromagnetic Jamming System
* EDS: Electromagnetic Destruction System
* IED: Improvised Explosive Device

 **roketsan**

ALKA DIRECTED ENERGY WEAPON SYSTEM



 **roketsan**

Kemalpaşa Mahallesi Şehit Yüzbaşı Adem Kutlu Sokak
No:21 06780 Elmadağ, ANKARA / TURKEY
Phone : +90 (312) 860 55 00
Fax : +90 (312) 863 42 08
e-mail : marketing@roketsan.com.tr
web : www.roketsan.com.tr



ROKETSAN A.S. is an affiliated company of Turkish Armed Forces Foundation.

Areas of Use

- Urban Operations (against IEDs)
- Protection of Military Units
- Protection of Government Buildings
- Protection of Airports
- Protection of Residential Areas
- Protection of High-Tech Production Facilities
- Protection of Power Plants
- Protection of VIP
- Protection of Other Critical Facilities



Mobile Use

- Ability to Perform on 4X4 Vehicle
- Operation within the Cabin
- Internal Power Unit
- Modular Configuration
- Deployment on Desired Location
- Easy Operation with 2 Personnel



Stationary Use

- Tower or Shelter Configuration
- Remote Operation from the Command Center
- Use of External Power Sources
- Easy Operation with Single Personnel

