



40 MM HARD-KILL SYSTEM

#AirDefense



REMOTE CONTROL
AUTOMATIC TARGET DETECTION AND TRACKING
HIGH ACCURACY STABILIZATION
FIRE CONTROL ALGORITHMS
40MM HIGH SPEED AIRBURST AMMUNITION USE
EFFECTIVE AGAINST MINI/MICRO UAVS
ADVANCED USER INTERFACE



aselsan

40 MM HARD-KILL SYSTEM

Advanced Specifications

- Remote control capability
- Advanced electro-optics on two-axis high accuracy stabilized gimbal
- Automatic target detection and tracking
- Computer controlled fire control algorithms for land and air targets
- 40mm high speed airburst ammunition (ATOM)
- Effective against mini/micro UAVs
- 700 m effective range
- Automatic cueing to target position obtained from external radar
- Day and night, all weather target detection and tracking
- High stabilization performance
- Advanced graphic user interface
- Simultaneous display of TV & thermal camera images
- Easy ammunition feed
- Manuel use capability on gun.
- Modular system architecture
- High reliability
- Easy transport and installation

Technical Data

- Gun : 40mm MK19 Mod3 grenade launcher
- Ammunition : ATOM 40 mm ABM (Airburst Ammunition)
- Ammunition Capacity : 64 rounds
- Gun Elevation Limit : -10° / +60°
- Gun Azimuth Limit : n x 360°
- Power Input : 220 VAC
- Power Consumption : 2 kW max
- System Weight : < 2500 kg
- Dimensions (WxLxH) : 2450x3720x2675mm

Applications

- Critical asset protection
- Border security
- Air defense
 - Highly maneuverable Mini/Micro UAV's

System Units

- Stabilized turret
- High accuracy stabilized gimbal
- TV camera, thermal camera and laser range finder
- Mission computer
- Power, gun and servo control unit
- Muzzle assembly and programming unit
- Battery
- AC/DC converter
- Command console
- Meteorological sensor

