



aselsan

**ASELSAN Integrated Security
Systems**

SEDA

GUNSHOT DETECTION SYSTEM



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Overview

SEDA system is designed to detect supersonic projectiles and to calculate shooter's location under all environmental conditions (day / night / fog / rain / snow), using acoustic detection technology. System has three configurations (Stand-alone, moving-vehicle, wearable) to satisfy different operational concepts.

Capabilities

- Missions by Battle Field Security Troops
- Critical Infrastructure Security
- Convoy Security
- Security in Public Events/Meetings

Features

- Detects supersonic projectiles and calculates the location of shooters
- Easy integration with geographical information system (GIS)
- Alarm generation on GIS
- No calibration requirement
- Low power consumption
- Interoperability (using Ethernet interface) with cameras and remote controlled gun systems



Performance

Standalone (ASELSAN SEDA-S) / Moving Vehicle (ASELSAN SEDA-V)

- Shot Detection : >%95 of supersonic projectiles
- Range Accuracy Error : +/- %10
- Bearing Accuracy Error : <%2.5°
- Elevation Accuracy Error : <%2.5°
- Response Time : <1.5 seconds

Wearable (ASELSAN SEDA-W)

- Shot Detection : >%95 of supersonic projectiles
- Range Accuracy Error : +/- %20
- Bearing Accuracy Error : <%7.5°
- Response Time : <1.5 seconds

Environmental

- Operating Temperature Range : -32°C to +60°C
- Storage Temperature Range : -40°C to +70°C
- Compliant to MIL-STD-810G & MIL-STD-461F

