SEDA | 100-L-C

ACOUSTIC GUNSHOT DETECTION SYSTEM

#LandandWeaponSystems

SEDA 100-L-C Acoustic Gunshot Detection 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.

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ACOUSTIC GUNSHOT DETECTION SYSTEM

SEDA 100-L-C is the miniaturized and light-weight version of SEDA System and is designed to be integrated on top of a Remote Controlled Weapon Station (RCWS) System, allowing 360° coverage for RCWS System.

System has two configurations (RCWS Integrated, Portable) 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 (5.56mm, 7.62mm, 8.59mm, 12.7mm, 14.5mm etc.) and calculates the location of shooters
- Easy integration with geographical information system (GIS)
- Alarm generation on GIS
- No calibration requirement
- Low power consumption
- Integrated to RCWS Systems
- Interoperability (using Ethernet Interface) with cameras and command control systems

Performance

RCWS Integrated / Portable

- Shot Detection Projectories : >%95 of supersonic
- Range Accuracy Error : +/- %20
- Bearing Accuracy Error : <5°
- Elevation Accuracy Error : <5°
- Response Time : < 1.5 seconds

Environmental

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

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