

SADS

Small Arms Fire Detection System

SADS - an acoustic sensor for detection and direction finding of small arms fire. Immediate alarm and indication of azimuth & elevation of fire source.

SADS enables the defending troops to save lives by finding the right shelter and returning fire in the right direction.

Main Advantages

- No need for line of sight
- 360° coverage
- Passive system - High immunity
- Simple operation

Available Applications

- Stationary posts and checkpoints
- Vehicle mounted - operates "on the move"
- Man-portable - helmet mounted antenna
- Array of sensors - for fire source localization



SADS

Main Features

- Portable real-time acoustic sensor
- Fire detection from all effective ranges
- Easy deployment and mounting for immediate use
- User definable display or indication
- Flexible interface to C⁴I systems
- Vocal indication of fire detection and direction
- On screen display of fire direction
- Slewing of weapon station for counter fire
- Effective in open area as well as in urban terrain

Proven Performance

- Probability of detection > 98%
- Very low false alarm rate
- Accuracy of detection: 2-3°



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