



OPERATION CONCEPT

This system may be used to countermeasure laser-guided bombs and laser-guided missiles. It employs the combined countermeasure of laser active jamming and laser passive jamming to blind the approaching laser-guided weapons or decoy them as pseudo-target so that the valuable target can be protected effectively. It assists protection of significant vehicles of command posts such as command vehicles, missile launcher trucks and valuable military targets like hubs of communications and important installations of C3I. The system is able to employ module combination, be extended according to the area and shape of targets to be protected.

FEATURES

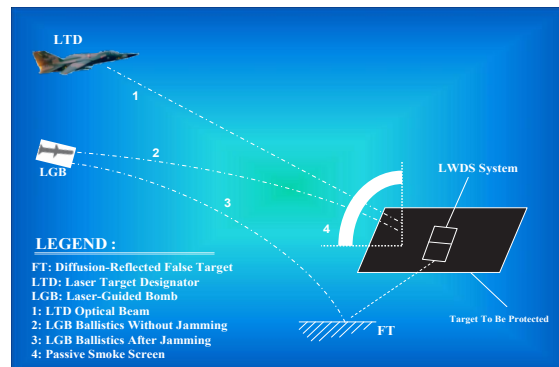
- All-round (360°) detection of laser targets.
- Smoke screen is available in manual and automatic mode.
- Equipped with laser source to jam threats.
- Angle of threat is illustrated by computer.
- Computer commander software to communicate ingredients of the system.
- Furnished with reflector for scattering laser beam.

STANDARD ACCESSORIES

- Carrying case.
- Instruction manual.

OPTION

- Aerosol grenades.



RADAR AND OPTIC



TECHNICAL SPECIFICATIONS

Radiation identification range	900 to 1700 nm
The sensor identifies the following type of threats	Ruby, GaAs, Nd:YAG, Raman Shifted, Erbium Glass
Received FOV	In azimuth 360°, in elevation -20° to +70°
Laser threat type	Pulse laser, 1 to 30 Hz with pulse width 7nsec-100nsec
Jamming system	Aerosol grenades + laser active jamming
Laser active jamming properties	Power:200mj, Nd:YAG, PRF: up to 30Hz, Input voltage:220V AC, 50Hz, 3KW.
Jamming wavelength	1064 nm
Effective jamming time	45sec. in 3 minutes periods.
Screen setting time	3 sec.
Probability of error	Less than 5%
Angle accuracy	15°
Operation conditions	Temperature -20° to +50°, humidity 0 to 90 %, shock 5G, 2G Vibration