



"The most effective compact obstruction system for light vehicles and UAVs."

OBSTRUCTION SYSTEM MOS125



OBSTRUCTION SYSTEM MOS125

Product Overview

Our Multi-Wavelength OBSTRUCTION System is designed to provide rapid, highly effective protection against a wide range of enemy sensors and targeting systems. This advanced system generates smoke, thermal particles, and metal powders to create an effective barrier, enhancing the survivability of vehicles and personnel in modern combat scenarios.

Key Features and Benefits:

- **Multi-Wavelength Coverage:** Effective across a wide spectrum of wavelengths to counter various sensor types, including visible, infrared, and radar-guided systems.
- **Rapid Deployment:** Quick activation to create an immediate OBSTRUCTION.
- **Enhanced Survivability:** Provides spontaneous invisibility to protect against threats such as snipers and urban combat dangers.
- **Comprehensive Protection:** Suitable for use with vehicles, small units, and larger military installations.
- **Smallest and Lightest:** The most compact and lightweight obstruction system available.
- **IP69 Rated:** Ensures the system is highly resistant to dust and water, suitable for all weather conditions.

Technical Specifications

- **Wavelength Range:** 0.4 - 14 μm (covers visible, infrared, and thermal spectrums).
- **Particle Types:** Smoke, thermal particles, and optional metal powders.
- **Particle Size Distribution:** Customizable to optimize effectiveness against different sensors.
- **Duration of Effectiveness:** Up to 1 minute per deployment.
- **Deployment Mechanism:** Remote-controlled, with options for manual and automatic activation.
- **Area Coverage:** Up to 500 square meters per unit.
- **Activation Time:** Less than 5 seconds.
- **IP Rating:** IP69



Operational Parameters

- **Operating Temperature Range:** -40°C to 55°C .
- **Humidity Tolerance:** 0% to 100% relative humidity.
- **Altitude Range:** Effective from sea level up to 5,000 meters.
- **Power Requirements:** 24V DC, compatible with standard vehicle power supplies.
- **Weight:** 250 grams per unit.
- **Dimensions:** 141,3 mm x 145 mm x 40mm

