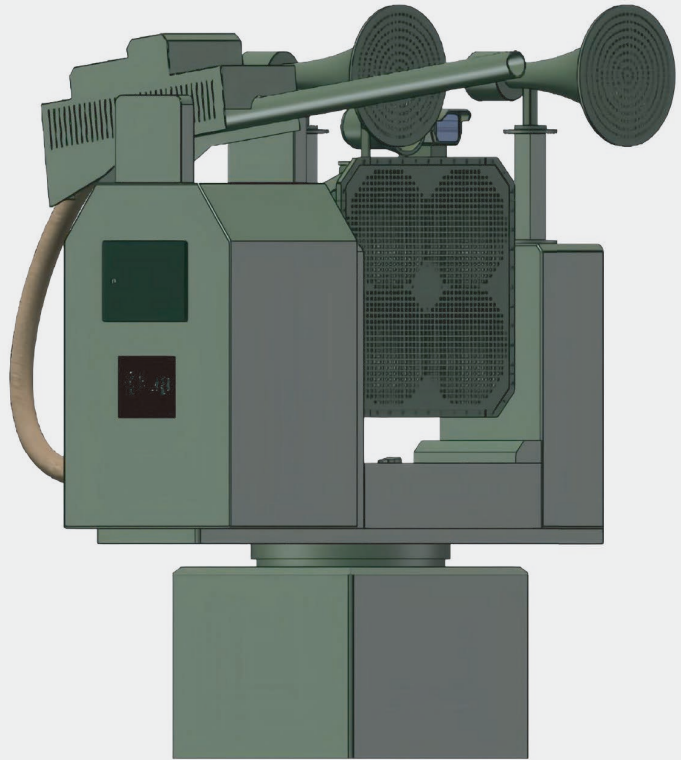


Vehicle-Mounted Integrated Deterrence System

Core Features

- **Multi-stage Deterrence**
Long-range warning, short-range denial, proximity damage deterrence
- **Safety Control**
Remote control + video monitoring to avoid accidental injury
- **Protection Capability**
Near-field shock wave from pulse detonation device
- **Expansion Capability**
Compatible with the installation of tear gas launchers and additional similar components.
- **System Composition**
Acoustic-optical Gun Integrated Upper Mount + Centralized Controller
(with voice, bird-repellent gun, high-intensity light, and reset functions)



Application Scenarios

- **Military, Police & Security**
Border patrol, military base defense, armed police counter-terrorism, riot dispersion
- **Airports & Transportation Hubs**
Airport bird strike prevention (bird deterrence), order maintenance at large ports/stations
- **Mining & Energy**
Perimeter protection of open-pit mines, trespasser deterrence, oil and gas pipeline security
- **Power & Infrastructure**
Power station perimeter protection, dam management and control, communication hub security
- **Urban Management & Emergency Rescue**
Security for large-scale events, crowd evacuation during emergencies, on-site disaster response

TECHNICAL SPECIFICATIONS

Loudspeaker Warning Device

Effective Broadcast Distance	≥1000m
Voice Clarity	Voice clarity at 1000m ≥0.8
Sound Wave Angle	±15° (-3dB)
Maximum Sound Pressure Level	150dB@1m
Frequency Range	400Hz ~ 4000Hz
Power	≤300W

Loudspeaker Deterrence Device

Deterrence Distance	≥200m
Sound Beam Angle	±8° (-3dB)
Maximum Sound Pressure Level	164dB@1m
Frequency Range	700Hz ~ 4000Hz
Power	≤600W

Acoustic Shock Deterrence Module

Deterrence Distance	≥200m
Laser Wavelength	525 ± 10nm
Optical Power	10W
Power Density	≥0.1mW/cm ²
Angle Range	0.07° ~ 2°

Photoelectric Module

Maximum Resolution	50Hz: 25fps (2560 × 1440)
Focal Length	5.9mm ~ 188.8mm, 32× optical zoom
Field of View	60.2° ~ 2.3° (Wide Angle ~ Telephoto)

Warning Module (for warning & area denial, market dependent)

Maximum Sound Pressure Level	175dB@1m (pressure equivalent)
Operating Frequency	5 ~ 50Hz